

# Present Draft Situation Techmen's Main Bugaboo

**Dean Jones Recommends Patience Until  
Congress Revises 1948 Induction Laws**

By Duane Marshall

The word today at Tech is "What's going to happen to me when the draft board pulls up my number?" In fact a lot of fellows are getting very jittery about the whole thing... what their chances of remaining in school are... what their chances of remaining out of the infantry are, and so forth.

To summarize the rest of this article for those who heard Dean Jones' speech on the draft in houses a while ago, the situation remains unchanged. In brief, nobody knows nothin' aside from what everybody knows now.

### Possible Revisions

The draft boards are still operating under the draft act of 1948 and nothing has reached Congress yet regarding a revision of the draft laws. Chances are that it will take quite a while for anything to percolate through Congress on that subject.

Up to date, various suggestions and proposals have reached the congressional committees that have the job of selecting and suggesting a suitable draft law to Congress, and that is all. The new Congress will take time to get organized, time will be taken for receiving more plans and proposals, time will be taken for hashing them out and selecting some one plan to present to Congress.

### UMT

What is imminent? UMT stares the 18 year olds in the face if it is put through. However, as it was mentioned before, it will take time to put anything through Congress. It may be at least April before any new law is passed. By that time almost everybody in Tech except a portion of the Frosh class will be over 18 and have nothing to worry about.

Concerning UMT, even the 18 year olds will have little to worry about if UMT is passed in the spring. The Army is having a hard enough time trying to make room for the draftees coming into it now by the thousands. There will a large time delay before UMT can really get rolling on a large scale after it is passed, if it is passed.

One thing is heartening, according to Dean Jones: the trend in Washington is to recognize the need for keeping men in college.

### Tryten Plan

One of the plans for deciding who is to get deferred and who is not to get deferred is the Tryten Plan. According to this proposal, 1/2 of the Frosh, 2/3 of the Sophs and 3/4 of the Juniors would be deferred. This plan is rapidly losing favor because of its emphasis on the easier schools. Who would go to Caltech?

The other and more likely plan is one of an aptitude test of some sort to determine who is to stay and who isn't. This plan conforms more to the trend of thought in Washington and is favored, apparently.

All sorts of combinations are possible... for example, UMT and the aptitude test could be in effect together.

### No V-12

If an extreme emergency comes up in the future, it is unlikely that the Navy will take over at Tech as they did during the last war with their V-12 program. Why? Dean Jones gave the following reasons: Now there are more ROTC units in large colleges than there were before WW2. There are enough of these, that their expansion should be sufficient to handle the military traffic. ROTC would handle the functions that the V-12 programs have handled.

A brief review of the current dangers. If you receive a notice to report for a physical, the Navy won't take you except as a regular four enlisted man. If you receive notice of induction you are in the Army. Nothing more can be done.

### Emergency Status

What is likely to happen at Caltech in the case of an extreme (Continued on Page 4)

## Second Term Film Classics Assemblies Set

It's still not too late for students to obtain memberships of the second term Film Classics Series. Although the first film, "Children of Paradise," was shown last night, students who purchase tickets now will still have a chance to see it when it is only \$.90 presented again tonight.

And there are still four pictures remaining to be shown, all for \$.90, the price of a season admission ticket. Membership tickets for both Monday and Sunday nights are still available. They may be obtained from Miss Pond in 19 Throop.

Together with Caltech personnel, all those persons connected with either the Huntington Library or Mount Wilson Observatory may purchase tickets for themselves or their friends for \$1.80 for the entire series.

The schedule for this term is as follows:

### January 7-8, 1951

**Children of Paradise** (French, 1944) An outstanding and very popular film, dealing with life in the small theatres of Paris. A remarkable performance by Bar-rault, as the mime artist.

### January 21-22

**Easy Street** (U.S., 1916) With Chaplin and Edna Pur-riance. Rated as one of Chaplin's greatest two-reel comedies.

**What Price Glory?** (U.S., 1926) With Edmund Lowe and Victor McLaglen. A rigorous satire of army life during World War I. **What Price Glory?**, both as a stage play and as a movie, was a sensational success in its period.

### February 4-5

**Venice** (Italy, 1948) A beautiful, prize-winning color documentary.

**Tragic Hunt** (Italy, 1947) One of the most important films from the modern realism school in Italy. Based on actual events in the fight of the farmers with black marketers.

### February 18-19

**The Sea Horse** (France, 1934) A famous documentary by the French marine scientist, Jean Painleve.

**Night Must Fall** (U.S., 1937) With Robert Montgomery, Rosalind Russell, and Dame May Whitley. One of the all-time outstanding mystery pictures.

### March 4-5

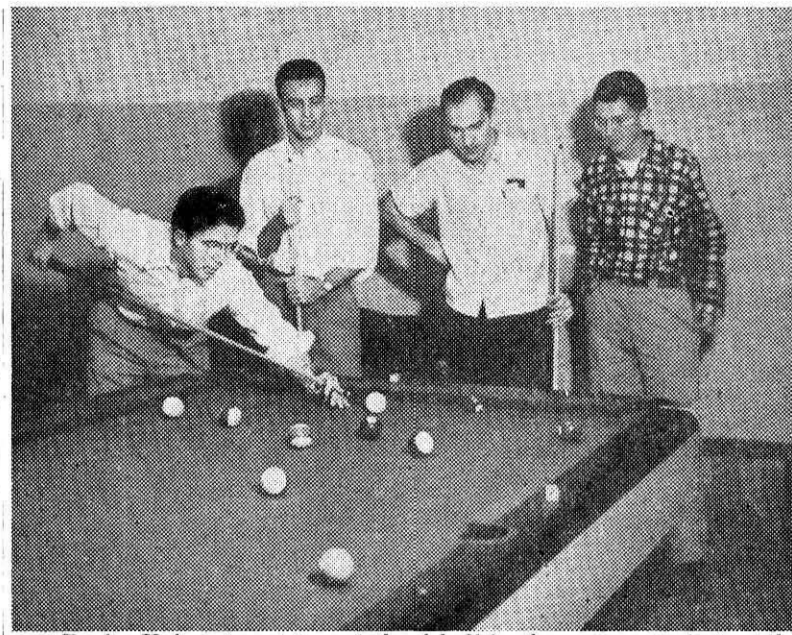
**The Peacock's Tail** (Russia, 1948) A prize-winning animated cartoon.

**Farebique** (France, 1948) Winner of several grand prizes; a superb study of French provincial life.

### Deficit

The Film Classics Series, presented by the Metropolitan Museum of Fine Arts, was brought to Caltech for the first time last year, and was continued this year by popular demand.

The films are shown on a non-profit basis, the present price being determined on the assumption that there will be a full house on both Sunday and Monday nights. Last term the series was operated at a deficit because of inadequate ticket sales.



Rocky Keir gets set to put the 4 ball in the corner pocket while (L to R) Ron Willens, Tony Malanoski and Jerry Dudek wait their chance.

## House Recreation Room Receives New Pool Table

The new recreation room has become one of the most popular spots in the student houses, with the addition of a brand new \$700 Brunswick pool table. A set of twelve cues of various weights, Ivorylene balls, and pocket inserts for billiards combine to make this a versatile outfit, which has been in nearly continuous use since its installation during the vacation.

## Y's Doings

By Ted Polk

### The Asilomar Conference

About thirty members of the Caltech "Y" pulled in from Asilomar at the beginning of last week, eyes agaze from lack of sleep and heads abuzz from the "true clue" concerning the struggle for power in the world today. This subject was the theme around which the numerous topics of discussion at this week-long conference were oriented this year.

### From CIT

Attending the conference this year were Banovitz, Bhanjdeo, Buck, Chong, Crichton, Enslow, Fee, Gehrels, Hamberger, Hirsch, Leux, Manning, McCourt, Merkel, Middlebrook, Orville, Perdigao, Polk, Rubenstein, Savran, Soux, Sweet, Szabo, Wallace and Wood.

Also present as guests were Mrs. Goldsworthy, wife of the late Col. E. C. Goldsworthy, formerly master of student houses, Caltech affiliates Jean Bickford and June Harlan, and former Technem Sid Stone and Bill Cox, now attending the University of California.

Registration for Asilomar, a general meeting of college representatives of YMCA's and YWCA's in the Pacific Southwest, took place on Dec. 26th, after which activities in the fields of discussion, worship and recreation filled up nearly every minute of the time up to the first of January.

### Daily Lectures

Dr. Prentiss L. Pemberton, an instructor from the Andover Newton Theological Seminary, delivered the daily morning platform talks, all designed to clarify and analyze the theme, "Struggle for Power: Creative or Destructive Alternatives for Action." The chapel services were conducted by Dr. W. O. Mendenhall, who was president of Whittier College from 1934 until 1943.

Held every day just before lunch hour, the twelve seminars dealt with more specialized topics falling under the category of the general conference theme. These featured such subjects as "Roots of World Conflict," "Propaganda Analysis," "Education—A Mirror of Society," and "Courtship and Marriage."

### Many-Faceted Program

The afternoons were spent in recreation—volley ball, hikes, tennis—and special events such as the swap shop hour, faculty meetings, and committee activities—glee club, evaluation, hospitality, and so forth. After the

(Continued on Page 4)

## Poll Determines ASCIT Socials

**Semi-formal or "Party" Dance  
Slated for March 3 at Oakmont C. C.**

Results of the recently held poll concerning possible ASCIT social functions during the second and third terms have been tabulated and evaluated by Art Cuse, First Rep, whose report is contained below.

### ASCIT Poll Result

- Will you probably attend the ASCIT social events this year?  
Yes (183)      Don't Know (46)      No (8)
- What type dance would you like second term? third term?  
(73)      (75) Formal or Semi-Formal  
(93)      (58) Party Type Dance (suit or sport)  
(37)      (51) Sweater Hop  
(12)      (10) Costume
- Maximum radius from Tech that you would go for dance (not including date)  
5 miles (12)    10 miles (61)    20 miles (65)    30 miles (38)  
over 30 miles (25)
- Are you in favor of a bar at the dances?  
Yes (143)      No (49)
- Do you want entertainment at the dances, such as band intermission movies, contests, etc.?  
Yes (101)      Don't Know (73)      No (61)

## Debaters Plan Three Tourneys In Winter Term

With three tournaments scheduled during the present quarter, Caltech debaters are looking ahead to intensive and practical speech training this term.

The first tournament will be a speech events affair to be held on Saturday, February 10, at UCLA. In this tournament there will be no debate, but there will be contests in impromptu speaking, extempore speaking, oratory and interpretation. Present plans call for at least 20 Caltech men to attend.

### CIT Tourney

The second tournament is Caltech's fourth annual championship debate tournament. This is held on the Caltech campus. Last year the affair was attended by 30 different colleges in the western area. The dates for this year are Friday and Saturday, February 16 and 17.

### Pi Kappa Delta

The third major event in this area is the Western Division of Pi Kappa Delta, speech honorary, annual tournament. This will be held March 15, 16 and 17 at Pasadena City College and will include both speech events and debates.

### Wanted: Talent

Students who are not now taking part in Caltech's forensic program may join by getting in touch with Dr. Lester McCrery, 309 Dabney. Previous experience is unnecessary.

A number of practice debates are now being scheduled for debate squad members. The first regular debate squad meetings will be held at 4 p.m. and 7:30 p.m. this Thursday in 309 Dabney. The evening meeting is scheduled for those who cannot attend the afternoon meeting. Any interested student is invited to attend.

## \$738,000 Given to Caltech Last Year

Gifts totaling \$738,081 were received by the California Institute of Technology during the fiscal year ending June 30, 1950, it was announced recently by President DuBridge.

Donors included 150 individuals and private agencies who contributed \$1000 or more, the largest single gift of \$100,000 coming from an anonymous source. The second largest gift was received from the Rockefeller Foundation in the amount of \$94,146 for research in chemistry and biology.

### Research Funds

Other large grants were received from the American Cancer Society, the American Petroleum Institute, the National Foundation for Infantile Paralysis, and the Research Corpora-

The student opinion poll on social events has just about been completed. All four houses were polled. Because of the inherent difficulties of polling off campus men, we have instead used sampling techniques and will continue to do so. To date, 237 different opinions have been obtained.

### Question 1 Will you attend ASCIT social events this year?

The 46 "don't know" votes would seem to indicate that the apparent or promised quality of the events, together with strong personal preferences, will determine to a large extent the number of people attending the affairs.

### Question 2 What type dance would you like second term? third term?

This undoubtedly was the most important question on the poll, and has been the hardest to evaluate, in view of the fact that all possible types of events were not covered. There were many suggestions written in here which proved helpful. These included beach parties, lawn parties, barn dances and other things such as barbecues and picnics.

Here, there is a trend to get (Continued on Page 4)

## Interview Schedule

Following is the interview schedule for January 1951. If you are interested in being interviewed by the representatives from any of these firms, sign up in the Placement Office, 120 Throop Hall, at your earliest convenience.  
TUESDAY & WEDNESDAY, JAN. 9 & 10—Aero, Inc., Fullerton, Calif.—Mr. J. M. Wild, Chief, Propulsion Wind Tunnel, Mechanical, electrical, and aeronautical engineers with BS and advanced degrees. To aid in operating and managing AEDC (The Arnold Engineering Development Center—Stepping Stone to Air Power) for the Air Force.  
WEDNESDAY, JAN. 10, THURSDAY, JAN. 11—Carbide and Carbon Corp., Dr. B. J. Miller, Personnel Admin. Supervisor, New York, Dr. R. W. McNamee, Supt. of Research and Development, South Charleston, West Virginia. PhD's in Chemistry including organic, inorganic, physical, and analytical chemists. They will be selecting prospective candidates for employment in any one of the following laboratories: (Located in New Jersey, West Virginia, New York, and Ohio) Bakelite Division, Carbide and Carbon Chemicals Division—Res. and Dev. Lab. and Process Dev. Lab., Electro Metallurgical Division—Res. and Dev. Lab., The Linde Air Products Company—Res. and Dev. Lab., National Carbon Division—Res. and Dev. Lab.

FRIDAY, JAN. 12—Airesearch, Los Angeles—Mr. Leighton Kign, Chief of the Preliminary Design Section, BS/ME, Analyze lab tests of turbomachinery, facility in wiring technical reports desirable. Advanced degrees in Ae. Ch. MS specialized in Aerodynamics, Thermodynamics, and Vibration Analysis.  
TUESDAY, JAN. 16—Douglas Aircraft, Santa Monica, Calif.—Mr. C. C. Lavene, Group Meeting, 4:30—206 Dabney. All interested are invited to attend.  
WEDNESDAY, JAN. 17—Goodyear Tire and Rubber Co., All Plants—Earl Cook, BS, MS/ME, CHE.  
THURSDAY, JAN. 18—Minn. Mining and Mfg. Co., St. Paul 6, Minn. PhD/Ch and BS/ChE.  
THURSDAY, JAN. 18—American Smelting and Refining Company, Salt Lake City, Utah—Mr. R. C. Beckstead, ME's.  
THURSDAY, JAN. 18—Westinghouse, Los Angeles, Calif.—Group Talk—4:30—101 Dabney.  
THURSDAY, FRIDAY, TUESDAY, JAN. 18, 19 & 23—Douglas Aircraft, Santa Monica, Calif. Mr. C. C. Lavene, Ae, ME (servo-mech. necessary, design helpful), EE (design helpful), CE (structural design), Ch, Ma (A), Ph (electronics, fluid flow etc.), and Aerodynamicists with BS and Advanced degrees.  
MONDAY, JAN. 22—Westinghouse, Los Angeles, Stanley M. Johns, E. W. Morse, L.A., and G. D. Lobingier, Pittsburgh, Pa.  
MONDAY, JAN. 22—Shell Chemical Company, Pittsburgh, Calif.—D. B. Luckenbill and E. S. Bodine, BS and MS Chemical and Mechanical Engineers. Plant Manufacturing, Operations, Process and Product Development.  
THURSDAY, JAN. 25—Hercules Powder Co., Wilmington, Delaware. Geo. F. Cooper, Technical Employ. Supervisor. BS/ACh. Ch.  
MONDAY, JAN. 29—RCA. Mr. Coleman. 196 Dabney.  
TUESDAY, JAN. 30—Interview. BS and up, /EE, ME, Ma. Ph.

## Big T Manager To Be Elected

Nominations for the business manager of the 1951 Big T will be held at this Friday's assembly at 11 a.m. in Culbertson, to replace Chuck Walker, who left school after the first term. Elections will be held on Thursday, Jan. 25.

Dick White has been appointed temporary business manager of the yearbook by the Board of Directors.



# Basketball Squad Drops 3 Preseason Games, Wins 1

Next Friday night the Caltech basketballers open their conference season in a clash with the Occidental Tigers.

As usual, this Caltech-Oxy game promises to be one of the thrillers of the coming season. As far as the records show, Oxy must be given the edge; but don't sell the Beavers short.

### Practice Game

After losing their scrappy guard Al Sereno in early practice because of a knee injury, the Caltech quintet went out to get a few games under its belt before the regular season opened.

In their first encounter with Muir, Coach Shy unfolded a fighting team. Led by veteran center Thorne Butler and guard Harry Patapoff, the Beavers showed plenty of skill, but they lacked the polish necessary to beat a team already in mid-season form.

After the 48-31 loss to Muir the boys went against an aggressive Loyola team that was too much for them. None of them could find the hoop with Patapoff emerging as high point man for the Beavers with six points. The Lions won, 68-21.

### Victory

Following another week of practice, Shy took his men out to E.L.A.J.C. where the visitors

(Continued on Page 4)

## Frosh Sports Roundup

by Nick Nicholson

The weekend before finals found Tech's frosh casabamen battling La Verne's frosh all the way only to lose 57-54, in their first regularly scheduled game. Tech looked a little nervous for the first half, only big Fred Anson being able to hit the basket with any consistency. With the second half coming up, we were behind 35-25.

### Forwards Hot

Forwards Smith and Plambeck found the range during the third quarter, each potting several field goals. Tech momentarily took over the lead early in the fourth quarter but was unable to hold it.

The team has gotten over a lot of its nervousness now though; look for them to give plenty of competition from now on.

Seeing action in the game were Anson at center, Smith and Plambeck playing forwards, Ly-nam and Henderson holding down the guard posts, and Kaiser and Watkins.

# Beaver Sports

## Throop Leads IH Race as Tennis Competition Begins

Interhouse competition for the second term opens this afternoon with tennis. The tennis season will run until February 10. Softball starts next Monday, the opening game starring Blacker and Fleming. This sport will continue till the end of the month.

Saturday, February 10, the Interhouse track meet will be held. Cross-country lettermen are barred from all the running races, but may enter the field events.

Swimming trials will be held Tuesday, March 6, with the finals falling on the following Thursday. Waterpolo lettermen will not be permitted to enter for the first time.

### Throop Leads

The final standings in Interhouse Sports last term were decidedly different from what they have been at the same time in previous years. Throop is leading the pack with a 3½-point edge instead of holding down the

cellar. On the other hand, Fleming, who is usually found at or near the top, was in fourth place. All these standings can be rapidly changed since there is only a 6½ point difference between the first and fourth place teams.

### Standings and Schedules

- First Term Standings 1950-51**  
**Throop, 45 points, 1st place**  
**Dabney, 41½ points, 2nd place**  
**Blacker, 39½ points, 3rd place**  
**Fleming, 38½ points, 4th place**  
**Ricketts, 27½ points, 5th place**
- 1949-50**  
**Dabney, 48½ points, 1st place**  
**Fleming, 47½ points, 2nd place**  
**Blacker, 44½ points, 3rd place**  
**Throop, 30½ points, 4th place**  
**Ricketts, 24 points, 5th place**
- Interhouse Tennis Schedule 1951**  
**Jan. 8-12, Dabney vs. Blacker**  
**Throop vs. Ricketts**  
**Jan. 15-19, Fleming vs. Dabney**  
**Blacker vs. Throop**  
**Jan. 22-26, Ricketts vs. Fleming**  
**Throop vs. Dabney**  
**Jan. 29-Feb. 2, Blacker vs. Fleming**  
**Dabney vs. Ricketts**  
**Feb. 5-9, Fleming vs. Throop**  
**Ricketts vs. Blacker**
- Interhouse Softball Schedule**  
**Mon., Jan. 15—**  
**Blacker vs. Fleming**  
**Tues., Jan. 16—**  
**Throop vs. Dabney**  
**Wed., Jan. 17—**  
**Ricketts vs. Blacker**  
**Thurs., Jan. 18—**  
**Fleming vs. Throop**  
**Mon., Jan. 22—**  
**Dabney vs. Ricketts**  
**Tues., Jan. 23—**  
**Blacker vs. Throop**  
**Wed., Jan. 24—**  
**Fleming vs. Dabney**  
 (Continued on Page 4)

# Caltech Is 2nd in Loop Distance Run

## Pilkington Pushes Oxy Flash Barnes As Caltech Squad Shows Strength

"Long Jawn" Barnes ambled to an easy victory over Tech's four-mile cross-country course to lead Oxy to a clear cut win in the All Conference Meet held December 9th. Surprise second was Tech's Bill Pilkington, who ran the best race of his career and gave Barnes the stiffest competition he has seen in this conference.

### Oxy Bunched

Oxy's Hal Butler, who was supposed to finish third, apparently didn't like the distance and dropped back to eighth. The rest of the Oxy team showed their strength by bunching right behind him in ninth, tenth, and twelfth places.

Don Creacey of Redlands took third, while Tech's Pete Mason placed fourth and Pomona's "sophomore sensation" Sammy Calvin came in fifth. Others placing for Tech were Bob Cobb in eleventh, Dick Dickinson in thirteenth, and Francis Scott in sixteenth. Displacing for Tech were Ulrich Merten and Bill Blodgett in nineteenth and twenty-fifth places respectively.

### Others Lag Behind

Thus Tech earned an easy second place over the rest of the Conference teams. Final scores were:

Occidental	40
Caltech	46
Redlands	68
Pomona	83
Whittier	113

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# Campus Interviews on Cigarette Tests

## Number 10...THE PANDA



"Let's get down to bear facts!"

The sudden rash of quick-trick cigarette tests may have caused panda-monium on the campus — but our scholarly friend was unperturbed. He pondered the facts of the case and decided that one-puff or one-sniff tests . . . single inhale and exhale comparisons are hardly conclusive. Proof of cigarette mildness doesn't come that fast!

And that's exactly why we suggest . . .

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# CIT 1951 Basketball Schedule

Sat., Jan. 13, 8:00 p.m., \*Caltech vs. Occidental at Pasadena CC.  
 Fri., Jan. 19, 4:15 p.m., Caltech vs. LaVerne at Armory, Pas.  
 4:15 p.m., Caltech Frosh vs. LaVerne Frosh at McKinley Jr. Hi.  
 Sat., Jan. 20, 8:00 p.m., \*Caltech vs. Redlands at Redlands.  
 Sat., Jan. 27, 8:00 p.m., \*Caltech vs. Whittier at Pasadena CC.  
 Fri., Feb. 2, 8:00 p.m. \*Caltech vs. Cal Poly at Cal Poly.  
 Sat., Feb. 3, 8:00 p.m. \*Caltech vs. Chapman at Chapman.  
 Sat., Feb. 10, 7:30 p.m. \*\*Occidental vs. Redlands, Pasadena CC.  
 9:00 p.m., \*\*Caltech vs. Pomona at Pasadena CC.  
 Wed., Feb. 14, 8:00 p.m. \*Caltech vs. Occidental, Pasadena CC.  
 Sat., Feb. 17, 7:30 p.m. \*\*Caltech vs. Redlands at Pasadena CC.  
 9:00 p.m. \*\*Occidental vs. Whittier at Pasadena CC.  
 Fri., Feb. 23, 8:00 p.m. \*Caltech vs. Whittier at Whittier.  
 Wed., Feb. 28, 8:00 p.m. \*Caltech vs. Chapman at Chapman.  
 Fri., Mar. 2, 8:00 p.m. \*Caltech vs. Pomona at Pomona.

\* Frosh Preliminary at 6:30 p.m.  
 \*\* Freshman teams will play at Occidental Gym.

## DRAFT SITUATION

(Continued from Page 1)

crack down on deferrals or an emergency? The first thing to understand is that Caltech wants to serve the country the best way it can by means of educating its students so that they can best serve the country. If Caltech can't keep enough by means of deferrals, then she will have to start ROTC. Installing ROTC would lengthen the normal four year to a five year course or at best four and a half years.

### Sit Tight

In conclusion, the procedure recommended by Dean Jones is to make a decision on what to do. Sit tight and hope for the best; or join a reserve unit and take your chances; or give up completely and join some favorable branch of the services. If you are sitting tight, which seems the best thing to do at present, probably you will be seeing a great many things in the papers and hearing a great many rumors about the subject. Remember . . . until the final law is passed by congress, anything anybody has to say may be pure speculation or rumor. Don't get frightened into anything. Wait and find out what comes out of the present mess.

## Y's DOINGS

(Continued from Page 1)

evening's important speech event, the entire assembly got together for the various recreation highlights, which this year included a get-acquainted party, beach parties, open house, "Ye Olde Square Dance," and the famous Asilomar New Year's Eve shindig.

As per tradition, the well-known Hat Dance was held, and the decorations this year were based on the new song hit, "The Thing." At eleven, the memorable watch-light service was conducted.

On Saturday night, December 30th, the Caltech delegation met in Pacific Grove for dinner together. Leo Baggerly, who attended the National Conference in Ohio, was elected co-chairman for next year's Asilomar meeting.

Highly pleased with our crew, which was the second largest delegation at the conference, Wes Hershey, the executive secretary of the Caltech "Y," has invited the student representatives to the new Michigan Avenue residence for a post-Asilomar evaluation session, the meeting to take place in about two weeks.

## THE FRONT BURNER

(Continued from Page 2)

In case you're interested in seeing the Turnabout, we advise you to make reservations well in advance, for the show has attracted a faithful following who return again and again to see the various new reviews and puppet shows. The Turnabout Theater is located near La Cienega and Beverly Blvd., in western Los Angeles.

Illegitimate theaters they may be, but the movies (some of them, anyhow) are better than ever, and here are some of them we have seen ourselves or have seen reviews of. The film classics series, which is going to offer many, many good films ranging from comedy to deep drama at the low price of 15 cents a show, should certainly not be missed by any Techman. See the article in this issue of the Tech on the front page for more information.

Movies worth seeing if you want to penetrate the smog-bound reaches of Lousy Angeles are **Trio**—three polished vignettes by Somerset Maugham, directed and acted superlatively well, but still not as appealing as **Quartet**—at the Beverly Canon in Beverly Hills; **Bitter Rice**—Sex, Pathos, and Realism according to the new Italian movie-making formula—at the Laurel and Vagabond in L.A.; and **Harvey**—supposedly inferior to the N.Y. stage production, but still on the **New Yorker's** recommended list—at the Carthy Circle in deepest L.A.

### With or Without Shotgun?

As a parting thought we leave you with the most fascinating movie title seen this week . . . "Emergency Wedding."

## THROOP LEADS IH RACE

(Continued from Page 3)

Thurs., Jan. 25—Throop vs. Ricketts  
 Fleming vs. Dabney  
 Mon., Jan. 29—Dabney vs. Blacker  
 Tues., Jan. 30—Ricketts vs. Fleming

**SPORTSMEN!**  
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## POLL DETERMINES

(Continued from Page 1)

away from the idea of just having a dance as an ASCIT event. Oxy, Pomona, and other schools in our league have for years had an all-college all-day barbecue with a dance in the evening, with excellent success.

Obviously, these outdoor affairs would depend upon the weather, which is best either early first term or during third term. The increasing number of people desiring a sweater hop third term together with writings would indicate that some sort of outdoor day and/or dance should be considered.

### Question 3 Maximum radius that you would go for a dance.

Here the expressed feeling is that if the place is good or there is "something special" about it, the distance is not so important as otherwise.

On this matter of place, things were suggested such as having a large dance floor, adequate seating space and tables, together with things of a similar nature.

### Question 4 Are you in favor of a bar at the dance?

Opinion here varied from house to house. Most of the comments dealt with the facts that soft drinks should be more generally available, that drink prices should be lower, and that I.D.'s should be checked less often.

### Question 6 Do you want entertainment at the dance, such as movies, contests, etc.?

Here the opinion seemed to be to have entertainment primarily if it was good. As the desire was expressed to keep it short.

As regards this term's ASCIT plans, the date (March 3) and the band (Keith Williams') have been chosen. The dance will be either semiformal or party type, to be decided later when more off campus opinion is known.

The place will probably be the Oakmont Country Club, although this is not definite. Your wishes will be of first importance and will be considered wherever possible.

# HOUSE SOCIAL NEWS

## Fleming

The first big event on the Fleming social program this term will be a postcard exchange Friday, February 2.

Dates should thus be assured for the many gala fiestas planned for the nights between basketball games. Fri., Jan. 26, has been set for a tavernous barn dance in some cavern.

## Winter Weekend

Forty fiery couples are planning to attend a mammoth snow party the weekend of Feb. 2-4 at the Timberlane Cabins near Lake Arrowhead. Skiing if snow permits, home cooking and mixing, dancing, and lounging are the recreational fare, with the watchful eye of Mr. and Mrs. Jay Montgomery and Mr. and Mrs. Steve Pardee watching over the premises.

## BASKETBALL SQUAD

(Continued from Page 3)

soundly trounced the J.C. boys: Although both Butler and Patapoff missed the game, Shy came up with a new pivot man in Dick Libbey. From his center position Dick led all scorers with 19 big points as Caltech pounded out a 50-33 victory.

In their last game before vacation the Beavers traveled to La Verne. There they met an exceptionally strong team that proved to be better. Norm Gray got 13 of the 41 points, but the rest had shooting trouble. La Verne took that one 56-41.

## Dabney

Dabney's scheduled social life is built around five main events this term. The first will be the annual semi-costume party, named Mozart's Fall (previously Bozart's, Hobart's, etc.) The actual theme is to be revealed in a week or so.

The crew team will celebrate this term's barn dance in the low-ceilinged atmosphere of Mountain Oaks along with Blacker.

## Big Stag

And during Easter, when the other schools are on vacation, the Darbs have planned a stag, to be held somewhere off-campus.

The Valentine's day formal will come fairly close to Valentine's Day; arrangements will be made by the house for dinner beforehand at a near-by spa.

## The Drunkard

To top things off (for those flush with income-tax returns) there will be a "Final Opportunity" party at the **Drunkard** in Los Angeles.

## CAMPUS BREWINS

(Continued from Page 2)

Deverill and we forget whom, seeking spiritual solace, and repeatedly slaking a burning thirst.

## Sorrow

To make a long matter short, never was so much fun had by so few in so short a time, and now that it is all over, and we have to get up for 8-o'clocks again, we are left holding our

## Ricketts

An exchange with Oxy's Orr Hall will start Ricketts' social schedule for the second term, with an open house filling up the gap on Saturday night.

## Notorious

Looking forward further into the term, we will see a barn dance with Fleming up at Mountain Oaks Lodge in the Verdugo Hills, the Valentine Semi-formal with Throop club, and of course the notorious Apache Dance, with its waterfront atmosphere and dank tunnel-and-chute entrance.

## Basketball Dances

This year a different system will be used in the student houses for entertainment after the basketball games. Refreshments will be served at one house at a time, while dancing will take place in two houses after each game.

heads, Drugstores are still open, groceries close at 8:30, women are getting harder than nails every day, and though we are now older and wiser, we can close an eye and say: It was fun while it lasted.

## Gad!

She: Shall we sit in the parlor?  
 He: No, I'm too tired, let's go skiing.

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# THE DU PONT DIGEST

On the road and in the laboratory, Du Pont scientists are writing

## The Inside Story of Engine Deposits

Engineers have long known that deposits which accumulate in gasoline engines have a direct bearing on engine performance. Even now, however, no way has been found to eliminate these deposits or their effects.

As a manufacturer of chemicals used by the petroleum industry, the Du Pont Company has a particular interest in this problem. It is currently the subject of a comprehensive research project, conducted both on the road and in the laboratory.

When Du Pont engineers began their studies, some aspects of the relationships between engine, fuel, lubricant, operating conditions and deposits were known. But to understand how and why deposits form and to develop corrective measures, they needed additional information.

### Engineers take to the road

To get these facts, Du Pont engineers are supervising tests in a fleet of passenger cars and trucks that travel hundreds of thousands of miles yearly under carefully controlled conditions. The effects of deposits on octane number requirement, valve performance, spark plug condition and other performance characteristics are measured. After each test, the deposits are weighed and examined physically and chemically.

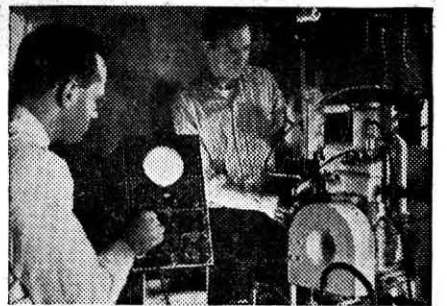
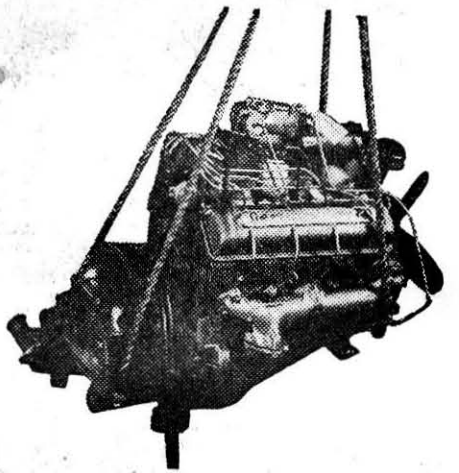
In the laboratory, other engineers study the effects of the same variables on multicylinder engines. Here, where closer control of the engines is possible, greater attention can be paid to specific fuel or engine operating effects. Performance factors, such as power output, can be more conveniently measured.

A third group of Du Pont engineers uses single cylinder engines in laboratory studies of deposit formation, adhesion, removal and harm. Exploring new fields, these men had to design complex instrumentation for measuring factors such as surface condition and deposit thickness.

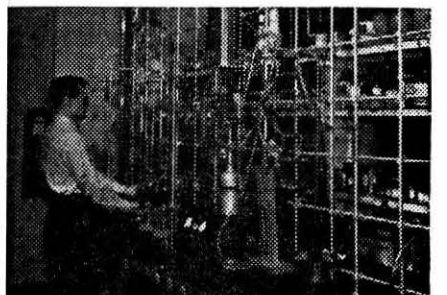
### Chemists synthesize deposits

Chemists, too, have an important place in this research. They study the chemical and physical characteristics of engine deposits. Among other things, they devise ways of synthesizing, in fired engines, deposits consisting almost entirely of a single chemical compound in order to study its effect on engine performance.

The results of this comprehensive research program are not yet conclusive, although the relationships between engine, fuel, lubricant, operating condition and deposit formation and harm are much better understood. In the past Du Pont scientists have licked even more difficult problems. Working as a team, they will persist in their effort to provide the motorist with improved engine performance through better fuels.



W. E. Bettoney (left), B.S. in M.E., Maine 1939, tests installation of single-cylinder gasoline engine used in study of factors influencing deposit formation in the combustion chamber.



H. K. Livingston, Ph. D. in Phys. Chem., Chicago 1941, operates apparatus for measuring porosity and absorptivity of combustion chamber deposits taken from test engines of the Du Pont automobile test fleet.

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