

## Bodeen elected Y president

### Conley, Berg, Eaton return from MIT racial conference

ASCIT president Phil Conley, vice president Howard Berg, and Dean Eaton returned Monday from attending the "MIT National Inter-collegiate Conferences on Selectivity and Discrimination in American Universities," held at MIT March 25-27. Sixty-four schools throughout the country were represented, including Caltech, University of California at Berkeley, UCLA, Stanford, and the University of Arizona from the West.

The conference was planned by MIT student leaders and held in an attempt to determine the scope of discrimination in America and to discuss possible solutions. The delegates stayed in MIT dorms and went into the new Kresge (spherical triangle) Auditorium to hear speeches and panel discussions by such men as James R. Killian, Jr., President of MIT. Delegates met in 13 discussion groups between plenary sessions to consider in detail the problems presented.

Conley and Berg reported that the speeches and discussions revealed that discrimination exists in various specific forms in some of our colleges and is aimed par-

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### Galston speaks on sex activity

Dr. Arthur W. Galston will give the Friday evening demonstration lecture on "Daylength and Sexual Activity in Plants and Animals" this week.

Professor Galston will discuss the mechanisms by which the reproductive activities of plants and animals are controlled and synchronized with the proper season. He will also show, with slides and living specimens, how vegetative plants and non-reproductive animals are brought into reproductive activity by control of the length of the day, and will point out the economic importance of this simple technique.

The public is invited to attend the lecture at 7:30 p.m. Friday in room 201 of the Norman Bridge Laboratory of Physics. Those planning to attend should arrive well before 7:30.

## Annual Mobilgas Economy Run takes 44 Caltech students on Colorado Springs trip

By Bob Deffeyes

Have you been noticing a lot of red ski jackets roaming around on the campus? All of these jackets have a row of stitches in the shape of a flying horse. Mobilgas Economy Run observers from Caltech were given these coats as part of a bribe for being gone from school finals week. Forty-four Tech students did what the other five hundred sixty-six would have liked to have done and skipped out finals week. Of course, the long run arm of the school had them caught, they took finals a week early. At 12:01 on the morning of March fourteenth,

the run left the General Petroleum Garage in Los Angeles for the one thousand three hundred twenty-three mile trip. The race ended in Colorado Springs, Colorado, at the Broadmoor Hotel. A very lush banquet was then held. Naturally, it was after the Tech students left for home.

The observers were paid and also given a chance at an expense account. Unfortunately, the rules governing the expense accounts were strict and none of the boys managed to buy even small hotels, cars, etc. There are strong old rumors circulating on campus that good evenings were spent in Tucson and Albuquerque

## Benning, Brandow, Lauritzen, Pinkerton and Workman also take office for coming year

### Essay contest nearing close

Deadline for the 1955 McKinney essay contest is Monday, April 18. This contest is open to all Caltech juniors and seniors; this year's subject is "The Problem of Racial Prejudice." Ideas for the 1200-word essays are to be derived from the assigned reading for the contest, including "Gentlemen's Agreement" by Laura Hobson, "My Life in New Orleans" by Louis Armstrong, "Cry the Beloved Country" by Alan Paton, and "The Merchant of Venice" by William Shakespeare.

Finished essays must be turned in to Dr. Kent Clark, 301 Dabney, by the deadline. Results of judging will be announced early in May.

The four finalists, in addition to the cash prizes—\$75 first prize, \$50 second, \$25 third, and \$15 fourth—will receive reference books.

Further information in reference to the contest may be obtained from Dr. Clark.

### Tech Institututors to choose chairman

The ASCIT Board of Directors will choose next year's Institututor Chairman at its meeting next Monday night. Anyone who is interested in taking the responsibility for the Institututors should attend the meeting at 7:30 in the Board Room.

The Institututors are a volunteer work force which does various jobs for the ASCIT—decorating dances, making posters, and helping at track meets are only a few of their duties. The new Chairman will be expected to choose his own House Chairmen and to organize people for the assignments.

que at sorority houses. In checking with some of the observers, I found out that these were not exactly rumors. There were also a few movies for the people with less vigorous constitutions.

Taking the atmosphere of luck which they carry to all examinations, Jim Workman and Gordon Reiter boarded the Dodge Coronet. The car just couldn't overcome the jinx and ran out of gas just out of Tucson. Calculations included a full tank of gas in the weight of the car. Perhaps Gordon just misread his slide rule when he figured out how much gas was needed.

In Y elections held Wednesday evening, Chuck Bodeen defeated Mike Bleicher and Dick Herlein to become Caltech Y president for the coming year. Officers selected Wednesday assumed office immediately and held their first Y cabinet meeting last night. Fritz Benning was successful in his vice presidential bid, defeating his only opponent, Warren Furumoto.

Y members elected Baird Brandow secretary over opposing

secretarial candidates Don Pinkerton and Don Lee. In the contest for treasurer, Pete Lauritzen was victorious in his bid for the position, drawing more votes than his opponents, Don Reiterman and Herb Rauch.

Pinkerton was elected the Caltech Y national representative, defeating opposing candidates Frank Albin and George Oetzel. Jim Workman, running unopposed, was unanimously elected publicity chairman.

This year's Y officers hope to maintain the active program of student service that has been conducted throughout the past years. A new feature of the Y for the coming term will be the moving of the Y office to larger quarters. Any students interested in the Y or having ideas that would be beneficial to the Y program are requested to contact one of the new officers.

### Ted Johnson Dabney prexy

Ted Johnson defeated Ray Orbach to become Dabney House president for the coming year in House elections held Wednesday, March 9. In the contest for executive vice president Lewis Fletcher out polled Don Lewis, Pete Stair, and Perk Eiselen to gain the office. Hal Dale and Ed Berry defeated Ralph Kehle and Dan Mack to become co-social chairmen.

#### Other Winners

In the secretarial race, Bob Jetter was victorious over Orbach and Bob Chambers. Dick Kirk defeated Walt Peterson and Don Seldeen to become treasurer, while Pete Abbey and Don Russell were successful in their bid for athletic manager, defeating Jack Schmitt and Dick Smisek.

Curt Schulze ran unopposed for historian, and Andy Perga drew more votes than John Kleiderer to take the office of controller. Pete Hoag was victorious over opponents Bob Schenter and Jon Stedman to become house librarian.

### Bohnenblust to talk to Tech math club

The Caltech Mathematics Club will meet Monday, April 4 at 7:30 p.m. in 155 Arms. Professor H. F. Bohnenblust of the Caltech mathematics department will address the meeting. He will discuss "The Max Min Relation and the Theory of Games."

Refreshments will be served at the conclusion of the meeting.

### Dr. Swift given Fisher Award at ACS meeting

Dr. Ernest H. Swift, professor of analytical chemistry at Caltech and an international authority on the detection of chemical elements, will receive the \$1,000 Fisher Award in Analytical Chemistry at the spring meeting of the American Chemical Society in Cincinnati, Ohio this Saturday.



Dr. Ernest H. Swift

The Society's Division of Analytical Chemistry arranged a program in honor of Professor Swift Thursday morning. Professor Paul S. Farrington of UCLA presented a biographical sketch, and Professor Swift delivered his award address, "Sulfide Separation and the Homogeneous Precipitation of Sulfide." The award, sponsored by the Fisher Scientific company of Pittsburgh, Pennsylvania, is

(Continued on Page 6)

### Houses schedule weekend activities

After a week of school, the student houses turn to the social side of life this weekend. Dabney is planning a party and officer initiation at the home of Ray Orbach Saturday night. Darbs and dates will attend the party in the garb of the proletariat.

Blacker will journey to the Pasadena Playhouse Saturday evening to see "The Man Who Came to Dinner." After the play Blacker members will return to Blacker lounge for a dance.

Two Immaculate Heart sororities will be guests of Ricketts Friday evening for the first Ricketts exchange of the term. The following evening Ricketts will hold an open house.

**California Tech**

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**Course Critiques**

Biology 1 is a one-term course required of most sophomore scientists, and as such comes under a great deal of criticism from those who didn't want to take the course but were forced to in order to meet their option requirements.

There is nothing unusual about a course being criticized. But there is something different about the way the men in charge of Biology 1 receive this criticism. They do not only welcome it; they solicit it! During the last week of the course a questionnaire is passed out, and each student has a chance to evaluate the course. The evaluation covers course content and presentation, instructors, labs, and tests. The results of the questionnaire are tabulated, published, and actually used as a guide to future presentation.

In freshman calculus a different means of getting the students' opinions is used, when, as you recall, the professor who is in charge of the course visits each section while the section instructor is absent, and asks for a critical evaluation of the course and the instructor.

We would like to see some kind of post facto course evaluation become part of every course offered on our campus. No course here is perfectly good, while many are, if we may listen to the testimony of our senior class, unbelievably bad. Every instructor can therefore benefit from the criticisms of the students in some way, perhaps in lecture presentation, or in choice of textbook, or in preparation of tests and exams.

Sometimes evaluation should be in the form of a written questionnaire; sometimes it should be verbal; sometimes it should come during a course, sometimes at the end. But it should definitely be a part of every course in our curriculum.

**Secretary's Report**

(Ed. Note: This report, henceforth a weekly feature, will take up the major problems before the ASCIT Board of Directors, omitting the routine items of business. A complete record of BOD meetings can be found in the minutes posted on student house bulletin boards. In addition, we will mention the important topics on the agenda for the following board meeting so students may let their opinions be known to board members. Even better, anyone is welcome to the meetings, which are held Monday nights at 7:30 in the BOD room in lower Fleming.)

The new non-athletic school jackets came up for discussion in several respects. The board recommended that the jacket sales be handled by the Beavers as part of their campus service. Beaver members have since accepted this responsibility. The sales price was another point of dispute since California sales tax laws require a tax on any profit. However a \$11.75 price, slightly above the \$11.36 cost, was settled on.

Although these are non-athletic jackets, some board members felt that frosh and JV lettermen should be able to wear their letters on the jackets in order to give more encouragement to frosh athletes, who now may wear letters only on blue sweaters. In the discussion it was pointed out that letters might be out of character on a non-athletic jacket. No decision will be made until student body opinion develops.

The first issue of **Farrago**, Caltech's first humor magazine, raised the question whether the ASCIT could afford the expense of such a magazine each term. Although **Farrago** was well received, this success will have to be weighed against its expense. The **Farrago** editors presented a preliminary financial statement, estimating that the first issue will cost the ASCIT \$375, \$300 of which will come from the **California Tech** budget. Since the editors promised reduced costs and higher ad rates next issue, the board granted them permission to apply for national ads. The final decision on publishing another **Farrago** next term will be made after further study and a complete financial accounting. Student body opinion on the matter is most welcome.

Morse announced that the Lost Weekend will be May 20, 21, and 22, with the Saturday events at Huntington Beach and the Pav-O-Ion dance hall on the pier.

Instead of the usual informal election, the Instituter chairman will be appointed by the BOD this year. Men interested in taking over this service organization are invited to appear before the board April 4.

Next week the board will decide on **Farrago** and lay out more Lost Weekend plans. Delegates to the Model United Nations (see news article) will be selected, and an Instituter chairman picked.

**The World and Tangora**

by Jacob Tangora

I was talking to Dean Eaton early this week, and it seems as though the men in our administration have finally come to the point where they are going to listen to all the complaints that our more vociferous seniors have been pouring down the backs of their several necks.

In the first place, Dean Eaton tells me, Caltech is adopting a new policy of acquiring as new



instructors men who are not only good scientists and engineers but also have some teaching ability. Present faculty members who are primarily research men will in many cases be taken off their teaching duties where the students have considered their teaching abilities inadequate.

Secondly, grass will be planted in many of the spots on campus which are now bear dirt. As a long-range policy, the administration will stop shoehorning new buildings into the campus, and concentrate on beautifying what we have.

Finally, Techmen, and especially upperclassmen, will begin to get a wider choice of subjects in their curriculum, particularly in the humanities.

Sounds unbelievable, doesn't it? I'd begun to think they'd given up these ideas forever.

What day is today?

**Campus Brewins**

"Studies serve for delight, for ornament, and for ability."  
—Francis Bacon

**Economical Travelers**

On the economy run paid for by the Generous Petroleum Company lady wenches along the route did their best to make the observers feel as usual. At the University of Arid-zona the Pi Phi's invited over a few of the boys to play a little bridge. One H. (for Hendrick) Paalman was heard to babble, "I was looking over her shoulder. She wasn't wearing any—and everytime she —. Why did we have to leave Tucson?"

In Alberkirquerque (However you spell it!) man-traps took on a more sinister appearance. Thomas Plambeck & Co. maintain they were picked up off the streets by three highschool girls. (I liked the thirteen year old one.) The suavest accomplishment was pulled by a former resident of ABQ, one H. Ranch After promising girls for all the MEN who were capable, said procurer failed so completely he couldn't even dig up a doll for himself.

Highpoints were the brunch stops at 7 a.m. with bands playing, children cheering, cowgals and majorettes. Nevertheless, 30 minutes is too short a time to accomplish anything.

The BROaDMOOR in Colorado Springs was genderless despite its nomer (misnomer). However, one relief driver was shook up when he discovered a cigar store injun in his bed. "Never touch another drop . . ."

**Soothe the Savage Beast**

A pleasing surprise was the

feminine genders playing opposite our masculine males in Thurber's **The Male Animal**, ASCIT play. Worst victim to their wiles was Man Mountain Whitlow who stifled his prejudices against "Dem Guys up on da stage." He was miscast as a former All American football player. Remember—Only 34½ more shopping days 'til cast party.

**Peons revolt**

Recently, the Darb frosh struck back at their sophomore mentors, to the disadvantage of both. The trouble began when the frosh ruthlessly attacked pledgemaster Clint West, and dragged him into the Alley one john. Sophomore Dan Mack, wondering what had happened to his music, wandered into said can and found himself an unwilling spectator to the treachery. Amid more bungling, including the victim's screaming, the inexperienced frosh finally got West into a Hollywood-bound auto.

The next heard from Clint was a report from the Hollywood police department that they had picked up a vagrant Caltech student in his pajamas and bathrobe. Although the frosh hastened to return, little was left in the rooms of Stocking, Kirk, and Ashby. Missing, also, were Kreger, South and Forsythe. Although the Beak has nothing against interclass skirmishes, it is suggested that better planning might be featured to the attacker's advantage in the next raid.



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# Rice visitors study Caltech; student houses set example

By John Howell

Last term, during the first two days of finals, a delegation of selected students, faculty, and alumni from Rice Institute was on our campus. These people had flown over two thousand miles from Houston, Texas just to see Tech's unique dormitory system, and to get a first hand account from Techmen of their attitudes for and against the houses.

At present, about half of the students at Rice live off campus. Housing facilities for those living on campus consist of five dormitories with a total capacity of about six hundred students. There are no fraternities; there is only one large cafeteria for everyone. The situation, then, which the administration wishes to improve upon, is one of too little social intercourse among the students. There are too few mixed social functions and no effective intramural program. Under the existing setup, the individual has only a small opportunity to learn the "social graces" of group living.

When they were here, the Rice visitors were given a grand tour of Caltech, with particular emphasis on the Student Houses. There, during both meals one day, they kept up a steady barrage of questions . . . "How do you like the food?" (ha ha!), "How well do you get to know everyone in your house?" "Does the R.A. get to know everyone in the house?" "Is there any pressure put on frosh by old alumni to enter a particular house?"

I have never met a Tech student who has lived in the Student Houses for any length of time who was generally opposed to them. Most people accept the houses as they are. But a number of things are arbitrarily set in the overall scheme. For instance, the total number of students in one house could be two hundred instead of one hundred.

And maybe it would be a good idea to have three or four R.A.'s have a system in which the Master of the Student Houses seldom interferes with house affairs. It might be more effective to give him more "power". These are some of the things which have to be considered by the people at Rice while they are making their plans.

Thus far, they are fairly certain that they will remodel and reorganize their present dormitories along the same lines as ours. If they do, it would certainly be a compliment to Caltech.

## Von Karman given award

The Republic of France has awarded two new honors to Dr. Theodore von Karman, professor of aeronautics emeritus at Caltech. For many years a corresponding member of the French Academy of Sciences, Dr. von Karman has recently been elected a full foreign member of the Academy.

Professor von Karman has also been elevated to the highest rank of the French Legion of Honor—that of commander. Dr. von Karman has been chairman of the Advisory Group for Aeronautical Research and Development of NATO since 1951 and chairman of the Scientific Advisory Board to the Chief of Staff, U. S. Air Force, since 1944.

## NSF awards fellowships to Tech students

The National Science Foundation has selected 24 Caltech students to receive graduate fellowships in the natural sciences for the academic year 1955-56.

Six of the fellows are in the present senior class at Tech and 18 are graduate students here. Sixteen of the 24 plan to continue their work at Caltech.

The awards are made by the Foundation to encourage students with scientific aptitude to continue in advanced studies in preparation for careers in scientific research and teaching. Pre-doctoral fellowships carry stipends of \$1,400 for the first year, \$1,600 for intermediate years, and \$1,800 for the terminal year of graduate study. Postdoctoral fellowships carry a stipend of \$3,400. All awards include additional allowances for dependents, tuition, and other normal expenses.

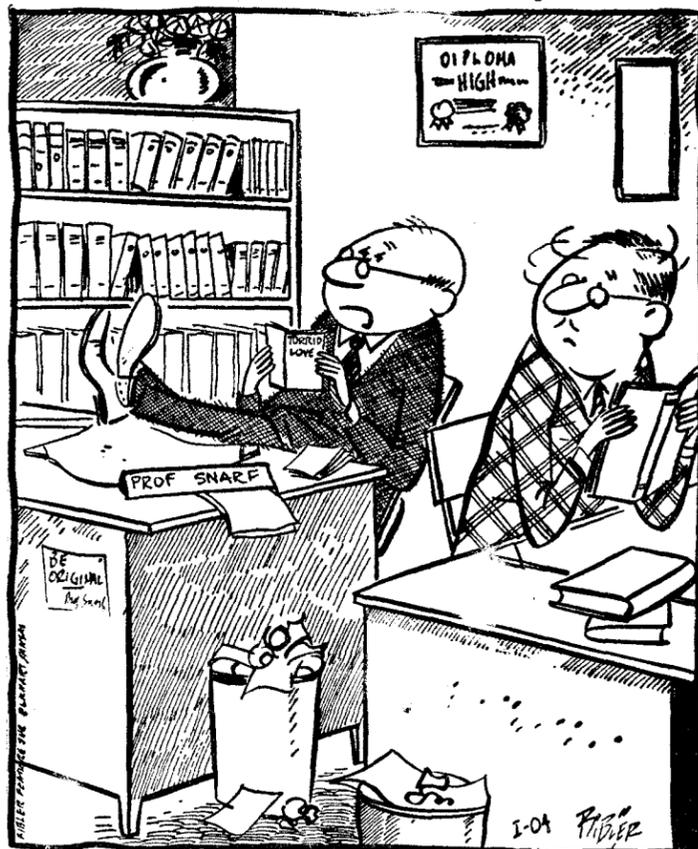
Caltech seniors selected for NSF fellowships include: John P. Andelin, Jr., Charles J. Brokaw, John J. Domingo, John L. Honsacker, Thomas W. Noonan, and Richard J. Piccolini.

Graduate students awarded fellowships to continue their graduate work are: Thomas H. Applewhite, Albert T. Bottini, Jon Mathews, John S. Mathis, Matthew S. Meselson, William B. Nichols, W. Barclay Ray, Willard V. Rusch, Ronald L. Shreve, Charles M. Steinberg, Walter R. Thorson, William G. Tifft, Hal R. Waite, and William G. Woods.

Postdoctoral fellowships for advanced study and research were awarded to Gary Felsenfeld, Edwin J. Furshpan, Donald L. Glusker, and Robert J. Metzner, Jr.

### LITTLE MAN ON CAMPUS

by Dick Bibler



"I'm teaching four different courses in physics, but confidentially, I give the same lectures in all of them."

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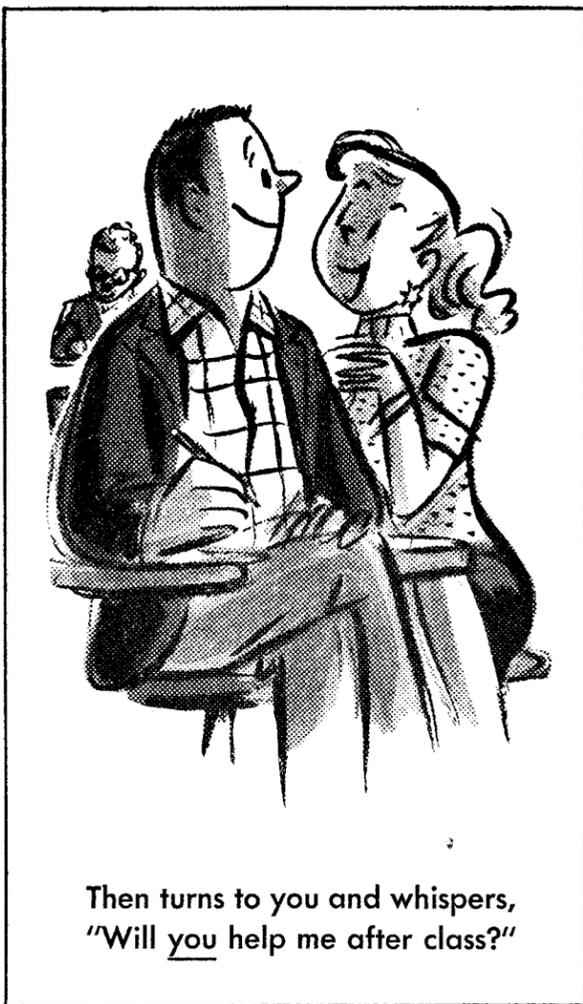
This work includes nuclear and thermonuclear test devices and instrumentation, high energy particle accelerators, ultra high speed cameras, large scale high vacuum equipment, devices for remote control in high radiation fields, equipment for remote handling and processing of radioactive materials, and accessory equipment for nuclear reactors.

Organization is on a project basis with close contact between engineers and scientists and the extensive laboratory shops. Emphasis is not on designing for production manufacture. The work calls for an understanding of principles and ingenuity rather than the application of standard practices. The projects of the laboratory include practically all aspects of nuclear engineering.

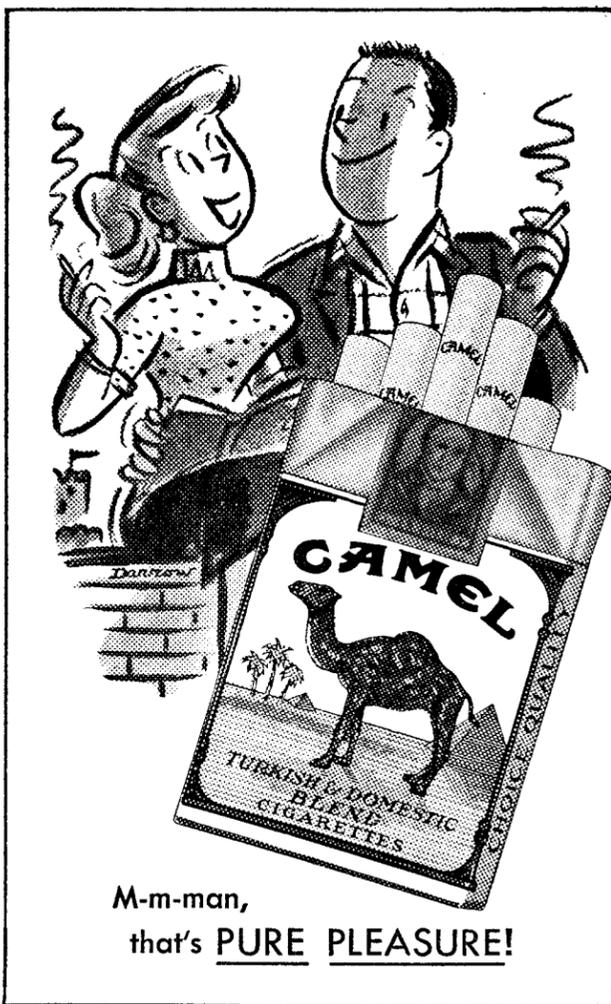
Inquiries should be addressed to: Professional personnel office, University of California Radiation Laboratory, Berkeley 4, California.



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Then turns to you and whispers, "Will you help me after class?"



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### Cool Corner

by Frank Kofsky

For the past few years now, the Lighthouse Cafe, under the auspices of Howard Rumsey (not the one who got an A-plus in Math 16), has sponsored the annual Intercollegiate Jazz Festival. This year is to be no exception, for starting on Monday, April 4, the Cafe will be taken over by small combos from Occidental, UCLA, USC, LACC, and El Camino JC, and a full week of cool collegiate music will ensue. The activity will come to a close on Sunday, April 10, when the winning school will play alternate sets with the Lighthouse All-Stars. From past year's experience, the music will be smooth and professional, and well worth the short jaunt to 30 Pier Avenue in Hermosa Beach, home of the All-Stars.

#### More Brubeck?

Well, Brubeck has done it again. Just a couple of months after the release of "Brubeck at Storyville," Columbia has issued a new Brubeck masterpiece, entitled, seemingly in the Caltech idiom, "Brubeck Time." The title is based on the feature story on Brubeck which appeared in Time Magazine last November, and the cover of the album is the same as the cover of the magazine, i.e., a picture of Brubeck amidst a surrealist quartet. The music inside is Brubeck at his best, which tells the story in my mind. Incidentally, if you prefer your Brubeck in person, he, plus Miss Ella Fitzgerald, plus Barney Kessel and others will be appearing at the Shrine Auditorium this Saturday night. For more information, listen to Gene Norman on KLAC (570) any night after eight p.m.

#### Disc jock dept.

Speaking of radio, a young man named Jack Wagner spins discs (actually he plays records but I'm being idiomatic) from 12:30 to 2:30 p.m. daily on KHJ (around 100 on the dial) on both AM and FM. The selections are not all modern sound, but most of them are very good listening notwithstanding. Occasionally he salutes some particular instrument, as he did last week when he played selections by Herb Geller, Paul Desmond, Lenny Neihaus and the Davey Pell Octet to pay tribute to the alto sax.

#### April fool

Over spring vacation I had occasion to contact Stan Kenton's office, and his secretary informed me that Kenton was reforming his band prior to going on tour. She also said that the tour would start off at the Crescendo on the Sunset Strip. I'll have more definite information for you next time, but I thought Kenton fans might be interested in hearing this news.

### Beaver picture to be taken Monday

Members of the Beavers, Caltech organization composed of students active in extracurricular activities, will have pictures taken Monday, April 4, at noon in front of Throop Hall.

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### Model United Nations to be held next month in San Francisco

San Francisco has been selected as the scene of the fifth annual Model United Nations conference. Colleges from 11 western states, Hawaii, Alaska, Canada and Mexico will participate in the event that is to be held at San Francisco State College May 5-7.

The conference will be patterned after the United Nations, and will include activities of the General Assembly, UN committees, and the International Court of Justice. Meetings will be held in the San Francisco Opera House, San Francisco State College, and the Whitcomb Hotel. A banquet is to be held in the Gold Room of the Fairmont Hotel.

ASCIT will pay the registration costs of one to eight delegates. Transportation and expenses must be borne by each delegate. In addition to the delegates, some Caltech students may attend as observers, for whom the registration fee is \$4.50.

Anyone interested in attending is requested to contact a member of the ASCIT Board of Directors. Applications for delegate positions must be made to the Board before the Board meeting Monday night.

### Caltech debaters lose at Claremont

Caltech's debate team was represented by four men at the annual Claremont Tournament held last Saturday. Ray Orbach and Andy Perga took one win and two losses in debate. Orbach won two first places in the preliminary rounds of Impromptu Speaking, but received fourth place in the final round. Perga was eliminated in the preliminaries.

Leon Keer was entered in Discussion, but failed to reach the final round, receiving fourth place in both preliminary rounds. Don Meyer entered Oratory, but was eliminated.

The Claremont Tournament is a preparatory match for the National Pi Kappa Delta Tournament to be held next week at Redlands.

### Tech acquires new trustee; gas company prexy chosen

Mr. F. M. Banks of Los Angeles, President and General Manager of the Southern California Gas Company, has been elected to the Board of Trustees of the California Institute. Mr. Banks has been associated with the Gas Company since 1922 when he joined its civil engineering staff. He became vice-president and director of sales, advertising, and public relations in 1934, and president in 1950.

Mr. Banks is president of the American Gas Association, the national organization of gas companies, as well as a past president of the Pacific Coast Gas Association and a director of the Independent Natural Gas Association. He is a director of the Los Angeles Chamber of Commerce and a member of several chamber committees. A member of many Los Angeles business and industrial organizations, he is a director of the Union Bank and Trust Company and the Pacific Indemnity Company, a trustee of the Southern California Air Pollution Foundation, and a director of Associated In-Group Donors.

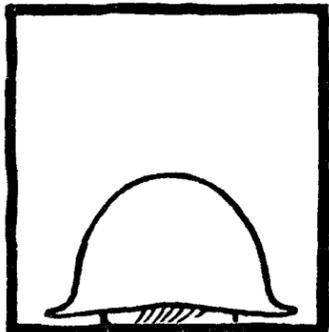
Mr. Banks attended schools in California and the Colorado School of Mines, and graduated in 1922 from the Massachusetts Institute of Technology in electrochemical engineering.

### Student shop open for new members

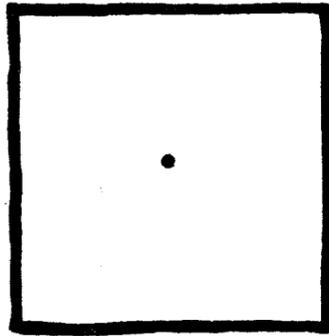
The Caltech student shop will take a few new members into the organization. All persons interested should see John Carney, room 53 Blacker, or Hugh Loney in Dabney before April 7, 1955. The cost of membership is three dollars. The money is used for dues, initiation fee, and key deposit. The key is returnable for the purchase price.

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## STOP HERE FOR LUCKY DROODLES!

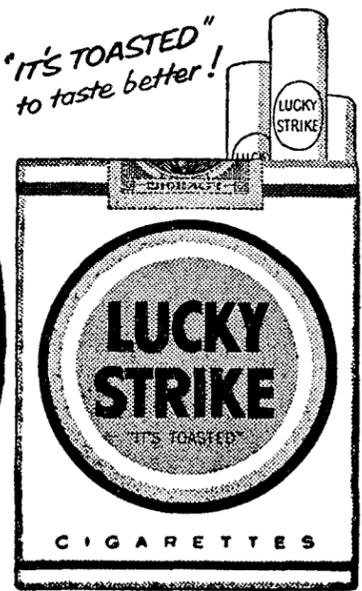
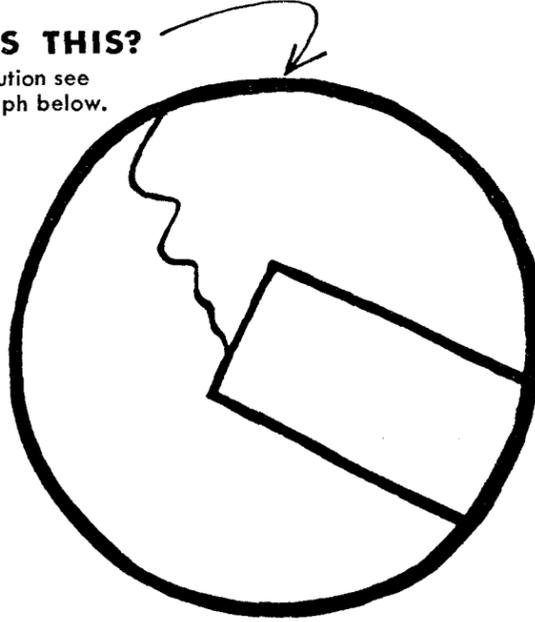


**NAPOLEON LOOKING AT SELF IN HIGH MIRROR**  
 Willem Maurits Lange, III  
 Syracuse University



**END VIEW OF THOUSAND MILES OF VERY STRAIGHT WIRE**  
 Osvaldo Bacchetta  
 Southern Illinois University

**WHAT'S THIS?**  
 For solution see paragraph below.



**YOU'LL GET A BANG** out of the Droodle above. The title is: Daredevil enjoying better-tasting Lucky just before being shot from cannon. Luckies are going *great guns* everywhere. The reason for their *booming* popularity is simply this: Luckies give you better taste. They taste better, first of all, because Lucky Strike means fine tobacco. Then, that tobacco is *toasted* to taste better. "*It's Toasted*"—the famous Lucky Strike process—tones up Luckies' light, mild, good-tasting tobacco to make it taste even better . . . cleaner, fresher, smoother. Enjoy yourself when you smoke. Have a little fun. Light up the better-tasting cigarette . . . Lucky Strike.

DROODLES, Copyright 1953 by Roger Price

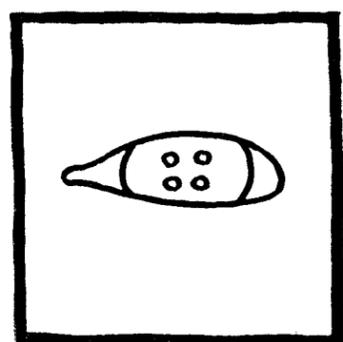


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# Diamond men lead league

Dumping the Whittier Poets 8-6, Monday afternoon Caltech's Beavers leaped into a first place tie with Occidental in conference baseball. The Preisler men showed the effects of a rejuvenating vacation coming from behind in the bottom of the first inning to grab the lead 3-2, then icing it away in the second inning with a 5 run splurge. From then on the game was in the hands of Ray Weymann, who went all the way to register his third win of the season against no defeats.

Hal Morris, lanky third baseman, banged out a single with the bases loaded to drive in two Beaver runs, a third coming on an overthrow during the play, to account for the scoring in Tech's half of the first inning.

Two errors and a walk loaded the bases for the Beavers in the second inning to set the stage for the Poet Waterloo. Tall Whittier pitcher Sonke walked the first run in. Jim Koontz squeezed in a run, was safe at first, and a third run scored on an overthrow on Koontz' bunt. Consecutive singles by Gene Nelson and Morris brought in two more runs.

Although outhit eleven to six and tied at four errors apiece in the field, Caltech's varsity nine was able to bunch their hits and get the jump on the Poets to get in front. Morris and Nelson's timely hitting combined with crucial errors and walks gave the Beavers their win in their first conference game.

Score by innings:	R	H	E
Whittier .....	200	300	001
Cal Tech .....	350	000	00-

Batteries: Weymann and Duke, Sonke and Catelmo

**Waves bounce Beavers**  
Pepperdine's Waves bounced the Beavers 5-4 at Pepperdine, Saturday, March 12, the week-

# Mermen nab 4th in relays

After yielding to Pomona in the meet last year, Occidental returned to the winner's circle in the conference relays, scoring 73 points. Pomona finished second with 60 points, followed by Redlands with 44, Caltech 42, and Whittier 32. All events were relays except diving and the individual medley. Tech finished second in the medley relay, third in the sprint and breast relay, and fourth in the back and distance medley relay. The Beavers also picked up a fourth in the individual medley and a fifth in diving. Oxy set new meet records in the breast and medley relays and Pomona set a new record in the distance medley relay.

In the Frosh division of the relays, Oxy again led the field scoring 78 points. Caltech finished second with 63 points, Pomona third with 27, Redlands 19, and Whittier 2. It was a tight race all the way between Tech and Oxy with Tech taking three first and three seconds and Oxy taking four firsts and three seconds. The difference was the diving in which Oxy placed first and second while Tech had no entries.

(Continued on Page 6)

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# Oxy track forces top Whittier-Tech squad

## Conley smashes conference record

Saturday before finals found Caltech combining with Whittier to meet the professional division of the conference in the form of Occidental, but the Tigers still had the manpower to register a 79-51 victory. The Engineers scored in eight events and outscored the Poets 28-23. The highlight performance of the meet was Phil Conley's javelin throw of 216 ft. 2 1/4 in. which broke his school and conference record of 211 ft. 10 in. Jim Tyler topped the broad jumpers with a 21 ft. 6 1/4 in. leap and tied for first in the high jump at 5 ft. 9 5/8 in. Wileman accounted for the remaining Tech first place in winning the 440 in 51 seconds.

The only other first places snatched from Oxy were in the hurdles, where McMillan of Whittier took the highs in 15.5 and his teammate Street annexed the lows in 25 flat.

Bob Norton bagged a second for Tech in the pole vault while Rod Supple took third in the 880 with the unofficial time of 1:59. John Lukesh got a third in the 100 and posted his best time of 22 flat in taking second in the 220.

The Occidental Frosh easily turned back the combined Caltech and Whittier Frosh team by a 109-22 score. The only first places lost by the Tigers were the two copped by Caltech. Tom Moore won the 2-mile in 10:31.4 and Bruce Kowol captured the javelin at 159 ft. 6 1/2 in. Whittier frosh scored only one point in the meet—a third in the pole vault.

end before finals. Pepperdine, rated as one of the better college teams in Southern California broke a tie in the ninth inning to take the win. Hunt Holladay took the loss for the Beavers. Until the seventh inning the Beavers were ahead 4-3 with Weymann taking credit for 8 strikeouts.

During the vacation the Caltech nine won one game from Westmont 9-1, and lost a contest to Long Beach State 22-4. The Beaver ranks were thinned by vacationing players for these games. In the Westmont game Weymann struck out 15 men, giving up only three hits. In the Long Beach State game the Beavers gave up 13 runs in the final inning, and made 11 errors to hit their low point of the season.

Hunt Holliday has now rung up a record of 3 wins, 3 losses, while Weymann has won three

(Continued on Page 6)

# Sportingly yours

By Jim Mebust

Caltech's varsity nine is going to win the conference baseball title! This column will go on record as backing that statement if the players do not fall under the unhappy fate of many Tech teams in the past and put the title in their pocket without deciding to put it on the line each and every game they play.

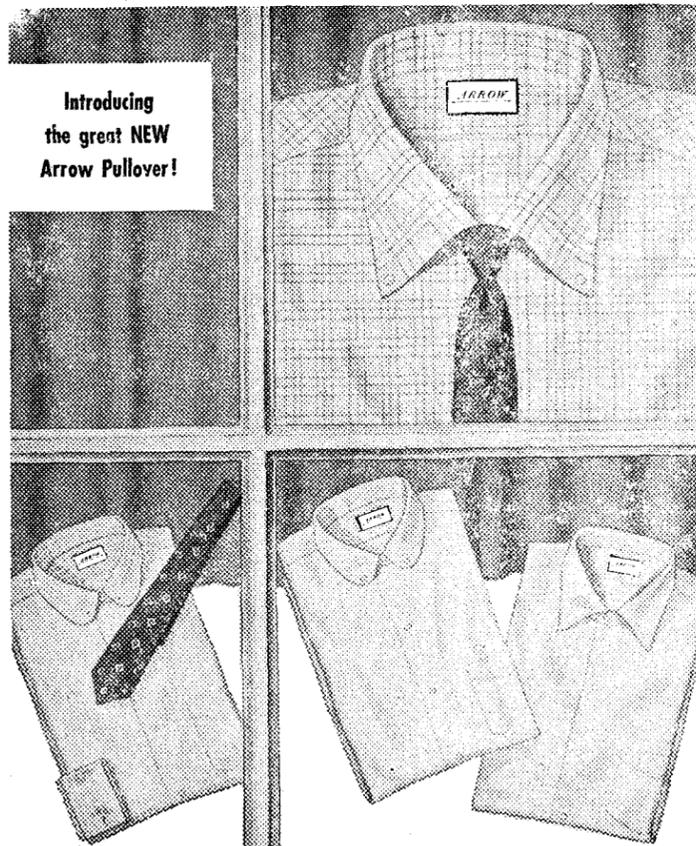
The Beavers are loaded with sophomores and juniors which denotes an inexperienced club, and they show it at times. The schedule favors the Beavers, however, in their bid for the title and there may be time enough to get the needed experience before the tough games roll the Beavers' way.

H. Z. Musselman, Director of Athletics, announces that "The Alumni Swimming Pool will be open for recreational swimming for Institute male personnel each Saturday from 1-5:30 p.m. and Sundays from 2-5:00 p.m. throughout the term. As the stockrooms are closed, no towels will be available on Sundays."

It has been noticed by team members and this column that there are more graduate students interested in attending

(Continued on Page 6)

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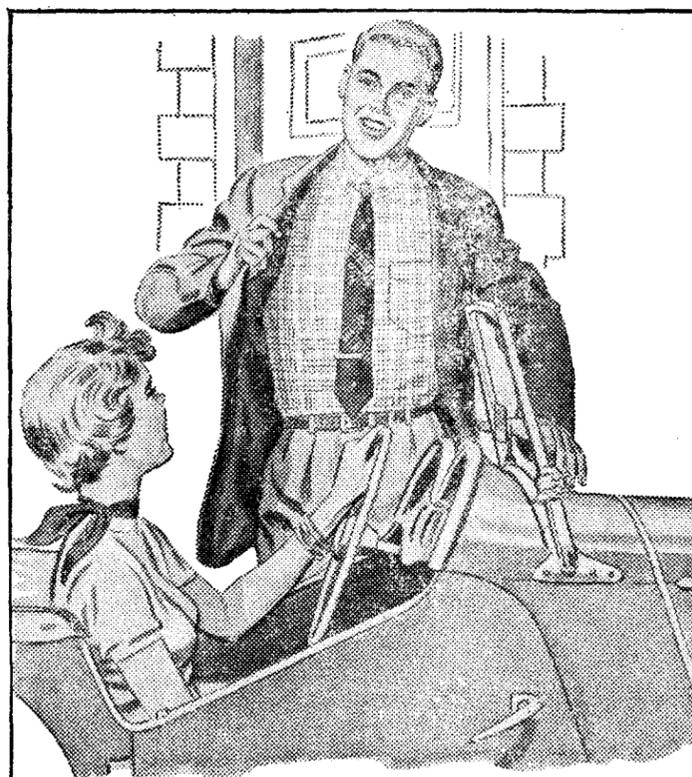
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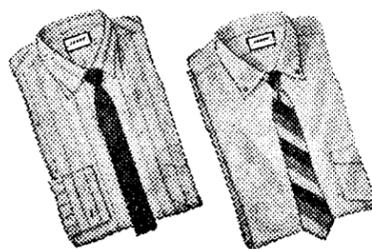
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**MERMEN NAB**

(Continued from Page 5)  
The Beaverbabes set a new meet record in the medley relay composed of Clark Rees, Bob Smoak, and Vince Taylor of 51.8 which is 1.2 seconds under the varsity conference record. Rees also set a new record in the individual medley in 1:01.6 which is 1.6 seconds under the varsity conference record in that event. The frosh also took the sprint relay and placed second in the breast, back, and distance medley relays. The Oxy frosh also broke the meet record in the backstroke relay.

In an early season meet, the Engineers were snowed under by the high-powered Compton JC team by a 60-22 score. Davis won the only Tech first place in the breaststroke.

**DIAMOND MEN**

(Continued from Page 5)  
and has yet to be tagged with a loss. Jim Snyder will round out the hurling staff and probably will start one of the weekend games.

**Coming Events**

Tomorrow at 3 o'clock the Beaver nine meets Pomona-Claremont in their second league encounter, on the Beaver's home field.

Saturday brings the Westmont team to Caltech in an attempt to revenge their previous 9-1 defeat at the hands of the Beavers.

Pomona-Claremont resides at present at the bottom of the league standings having lost games to Whittier and Redlands.

**SPORTINGLY YOURS**

(Continued from page 5)  
baseball games at Caltech than students. Is the new gym more of an attraction than a winning team? Maybe the cheerleaders can figure out a way of raising some interest in these games. With a 6 won 3 lost record so far, the team is doing what it can.

Conference games played to date:

- Redlands 13; Pomona 3.
- Occidental 6; Redlands 5.
- Whittier 7; Pomona 3.
- Cal Tech 8; Whittier 6.

**MIT CONFERENCE**

(Continued from Page 1)  
ticularly against Negroes and Jews. Of special note are school admission quotas and discriminatory clauses in fraternity and sorority charters. Poor integration of foreign students, especially those from South America, was recognized as a growing problem. It was also noted that what negroes seek most is not social integration, but economic equality; what the majority of Americans fear most is such integration, while their least fear is of economic equality. This leaves the road open for cooperation.

No resolutions were passed by the conference. However, the consensus seemed to be that evolution, hurried by legislation in certain specific areas, depending upon local conditions, will best solve the problem.

**Golfers bow to LB State**

Friday, March 11 at Brookside Park the Tech golfers ran against a brick wall in the form of Long Beach State, coming out on the short end of a 33-3 score. Fred Whitmore of Long Beach was medalist with an even par 72 while Paul Farley was top for Tech with a 78. In match play George MacDonald, playing from third position, scored Tech's only points. The team is looking forward to the return of Paul Lindfors, fresh from the basketball team, who will play for the first time this year when the linksmen travel to meet Pomona today.

**Frosh nine stomped**

A veteran ball club from Muir spoiled the frosh baseball squad's opening game to the tune of 15-0. Muir, with several games already under its belt, clubbed three Beaverbabe pitchers for their lopsided win. The score was indicative of the freshmen's performance, which, after a two week's layoff, was shabby in all departments. The squad will travel to Pomona today for their first league game.

**DR. SWIFT GIVEN**

(Continued from Page 1)  
given annually "to recognize and encourage outstanding contributions to the science of analytical chemistry, pure or applied, carried out in the United States or Canada."

A member of the Caltech faculty for 35 years, Professor Swift is regarded by fellow scientists as one of the greatest living analytical chemists and the world's leading authority on the use of physico-chemical principles for chemical analysis.

During World War II Professor Swift worked on problems related to the identification of chemical warfare agents and their detection in the field. He also helped develop a comprehensive system of chemical analysis for use by Army chemical laboratories in the field. More recently he has pioneered in the development of coulometric analysis—the use of an electric current to detect and measure amounts of chemical elements—and is recognized as the foremost authority in this field.

Dr. Swift received the B.S. degree from the University of Virginia and the M.S. and Ph.D. degrees at Caltech. He joined the Caltech faculty as an instructor in 1920 and was named professor of analytical chemistry in 1943.

**Interview Schedule**

- APRIL**
- Fri., 1**—BSup/Ae, CE, EE, ME **Convair San Diego.**
  - Mon., 4**—BS, MS/Ae, EE, ME **Western Gear Works, Lynwood, California.**
  - Mon., 4**—BS, MS, PhD/Ch, CHE, ME, EE **Monsanto Chemical Company.**
  - Mon., Tues., 4, 5**—BS MS, PhD/ME, EE, CE—MS, PhD/Ph, Ch **Ford Motor Company.**
  - Tues., 5**—BS, MS/ME, EE, Ph (Applied) **Librascope, Glendale, California.**
  - Tues., 5**—BS, MS, PhD/Ae, ME, CE, EE **Marquardt Aircraft Company, Van Nuys, Calif.**
  - Wed., 6**—BS/EE, Ph **Electronic Engineering Co. of Calif., Los Angeles, Calif.**
  - Wed., 6**—BS, MS/ME, EE, CE, ChE **The Texas Company Petroleum Engineering.** This particular field of petroleum engineering is comprised of oil field development, production, drilling and reservoir engineering.
  - Thurs., 7**—BS, MS/ME, CE, EE **Continental Can Company, Inc.** Interviews for positions in research and development, production engineering, production-manufacturing, sales, etc.
  - Thurs., 7**—BS, MS, PhD/EE, Ph; PhD/Ph (solid state) **The National Cash Register Company, Electronics Division, Hawthorne, California.**
  - Fri., 8**—BS, MS, PhD/Ae, ME, EE, Ph **Convair, Pomona, California.**
  - Fri., 8**—BS/ACh; MS/ChE **Titanium Metals Corp., Henderson, Nevada**
  - Fri., 8**—BS/ME, ACh **Goodyear Tire & Rubber Company of California, Los Angeles.** Company looking for men either for training program or direct hire into Technical Service Department.

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**Deans' office keeps calendar**

The deans' office, in response to numerous requests, has announced that it will keep a weekly calendar of student events. A weekly schedule of activities, exclusive of student house or athletic events, will be posted in the deans' office.

It is requested that organizations inform Miss Pond in 119 Throop of the time and place of meetings or activities. Information for the calendar must also include the name of the faculty advisor of the group. Inasmuch as the value of this calendar is dependent upon its completeness all organizations are urged to comply with this request.

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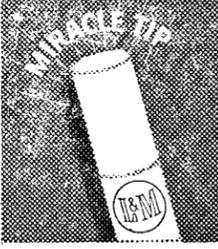
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