

The California Tech

California Institute of Technology

Volume LVIII

Pasadena, California, Thursday, October 11, 1956

Number 3



Ann

Barbara

Kay

Judy

Cecil Ann

Fay

Photo by D. Groce

6 beauties vie for title of Tech Homecoming Queen

by Alan Berg

Pictures of this year's candidates for Homecoming Queen have adorned the bulletin boards outside the coffee shop for several days. You naturally may have wondered what you could do about it, so here's part of the solution. From six beautiful candidates pictured, one will be chosen Homecoming Queen of 1956; two will be attendants.

The general election, which is Tech's answer to the Miss Rhinegold contest, will be held from 11 a.m. to 1 p.m. today. Polling boxes are located outside of Dabney Hall, in Throop Club and the lounges of the student houses.

Greasy Spoon to serve dinner

Good news is in store for off-campus men, grad students, and those interested in something different for the evening meals.

The coffee shop, more popularly known as the Greasy Spoon, might be open for dinner in the near future. If Mrs. Lyle can be guaranteed 125 people at approximately \$1.30 each, there is a good chance that you will be able to get a worthwhile meal in the evening right here on campus.

Everyone is acquainted with the fine food served up in the Greasy, so if anyone, especially off-campus men and grads, is interested, there is a sign-up list outside the entrance.

Chosen from among the long list of sparkling beauties interviewed by the Homecoming Queen Committee, the following Southern California personalities appear on the ballot: Barbara Coleman, Faye Pearson, and Judy Smith from Scripps College; Ann Evans of Alpha Sorority at Occidental; Kay Delbel from Immaculate Heart College; and Cecil Ann Rowe from Pasadena City College.

Picnic

To begin the activities on Saturday evening, a picnic dinner is planned to begin about 6 p.m. in Brookside Park, adjacent to the Rose Bowl. A hamburger dinner will be prepared by the student house chefs and transported to the picnic site. For those already having meal tickets, the dinner is free. Price per date or other guest is 85c. Tickets may be obtained from any member of the Board of Directors.

The Game

Moving next to the Rose Bowl, the Caltech contingent will overflow the walls of the stadium with enthusiasm. The game against Pomona should proceed normally until half-time. At half-time.

(Continued on page 6)

Six Tech grads get Hughes aid

Six Caltech graduates have received Hughes Master of Science Fellowships enabling them to continue their education while employed part-time at Hughes Aircraft Company in Culver City, California. They are William G. Blodgett, BS, physics, '53; Louis M. Bogdanovic, BS, EE, '56; William R. Hagemier, BS, physics, '56; and Richard S. Van BS, ME, '56; Tom Plambeck, BS physics '56; and Richard S. Van De Houten, BS, EE, '56.

Bogdanovic, Keer and Plambeck are continuing at Tech, while Blodgett attends U.S.C., Hagemier, U.C.L.A. and Van De Houten, Stanford. These men, along with others from 75 universities, receive salaries and payment of tuition, books and fees from Hughes.

New assistant to Dean Jones chosen

In the past several years, the duties of the Admissions Office have become more numerous and complex. In order to avoid utter swamping, the Administration has created a new post, Assistant to the Director of Admissions. Here to fill this position is Dr. Peter Miller from New Jersey.

Dr. Miller was born in Albany, N.Y., and he spent his undergraduate years at Albany Academy. He received his Ph.D. in English from Princeton in 1939. There he taught English until the war, in which he served as a Captain. After the war, he again resumed his teaching post at Princeton. In 1949, he left the University to work as head of the humanities division for the Educational Testing Service.

Announcements . . .

Vaccine offered

The Caltech Health Center has procured a quantity of the Salk Polio Vaccine and is prepared to administer inoculations to undergraduates and graduate students. A nominal charge will be made for the vaccine used in each inoculation, but there is no other charge.

IHC Dance

The entire ASCIT is invited to an open house-exchange at Immaculate Heart College, Friday, Oct. 12, 8:30-12:00 p.m.

Frosh section leaders

Tomorrow all freshmen sections will elect section leaders during one of the class periods. Besides earning an honor point, section leaders coordinate between the Dean of Freshmen and each section on such matters as grievances against professors. Elected section leaders should report to Miss Pond in Dean Strong's office immediately.

ASCE meets

The American Society of Civil Engineers meets Thursday, 1:00 a.m., 010 Engineering. The program includes a movie about the building of the McNary Dam in the Pacific Northwest.

Student shop

Those interested in membership in the Student Shop can get applications for membership from Alan Forsythe, 22 Dabney, or John Conover, 6 Blacker, before Thursday, October 18.

Basketball begins

Varsity basketball practice starts next Monday, October 15, in the Scott Brown Gymnasium.

Chamber music begins Sunday

The opening program of the Caltech Chamber Music Series will be given on Sunday evening, October 14, in Dabney Lounge at 8:15.

This series has been established for several years, and offers Techmen an unequalled opportunity to hear live performances of chamber music played by the two professional groups of Southern California.

As far as is known, this series of concerts has no parallel at any other college or university in America. Occasional chamber music programs are known on college campuses, but a series of this scope, involving fourteen concerts, is most unusual. On Thursday, October 25, a special program of the series will be given in the student houses.

No admission will be charged for any of the concerts. Dates are welcomed.

Republican to talk in Blacker Wed.

Thomas Pike will present the platform of the Republican Party in Blacker House on Wednesday at 7:30 p.m. A special assistant to President Eisenhower, he is speaking under the sponsorship of the Caltech Y.M.C.A.

Mr. Pike, with his intimate knowledge of business, finance, and the Republican Administration, is considered especially capable of presenting the Republican point of view. He has been a director of Casualty Insurance Company, Assistant Secretary of Defense for supply and logistics under Charles Wilson from 1953 to 1954, and is at present one of Eisenhower's special assistants.

First Open Forum program to feature Technocrat today

The Open Forum will present Reo W. McCaslin, a speaker on technocracy, tonight at 7:30 in 206 Dabney Hall. He will throw the meeting open to questions from the audience after 30 minutes of formal address.

Reo McCaslin has been an active member of technocracy for more than 15 years and, as an authorized speaker, has presented lectures on technocracy to audiences on the West Coast.

In choosing "Prescription for Survival" as his subject title, Mr. McCaslin says he intends to point out that once a social area has adapted to a high rate of energy consumption, such as the North American Continent, the flow of energy must be maintained. There is no possibility of returning to a low energy state without extremely serious consequences. He says it becomes imperative that the conduct of human affairs be dominated by science.

Technocracy in theory

Technocracy advocates putting industrial engineers in control of man's economic life. The main objection of the technocrats to the systems now in use is that the social institutions (including economic) are out-moded compared to the present methods of production. They say that the archaic price system stands in the way of efficient distribution of goods. The advocates of technocracy propose that if the scientists and engi-



Reo McCaslin

neers aren't allowed to control the government, then they should at least advise how to run it.

California Tech

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Student-faculty educational policy cooperation stressed

The first paragraph of a letter from Dr. W. H. Corcoran, chairman of the (faculty) committee on educational policies, to Dr. Thomas Lauritsen, chairman of the student-faculty relations committee, reads as follows:

"The educational policies committee at its meeting of October 1, 1956, discussed the recommendation for regular participation by student delegates in its work. It was unanimously agreed that the student delegates should work as a group through the student-faculty relations committee. Any recommendations resulting from such work could then be passed on to the educational policies committee."

Dr. Corcoran goes on to say that the educational policies committee recognizes the need for, "proper flow of ideas," presumably meaning ideas from students, to make its work effective. Nevertheless, it is his opinion that, "the student-faculty relations committee is the true forum for formal faculty-student contact."

There are several minor flaws in Dr. Corcoran's reasoning, some of them more obvious than others. For instance, while no one would deny that a great number of achievements have resulted from discussions and decisions reached at student-faculty relations committee, anyone who has ever been on the committee will recall the vast amount of trivia dealt with at some meetings. That last statement is in one way intended to be a reflection on either Dr. Lauritsen, a very conscientious chairman, or any of the committee members. The trivia is pretty much an inherent defect in a committee whose members number greater than thirty and whose agenda is nothing, if not flexible. Certainly Dr. Corcoran will agree that the atmosphere at student-faculty is not always conducive for making momentous advancements in educational policy; it is also questionable that the committee is the "true" forum for formal faculty-student contact, whatever that is.

It would be reasonable to assume that the faculty committee on educational policy feels that they are doing as good a job as humanly possible in taking 17-year-old boys and turning them out not just 21-year-old men, but 21-year-old men who have learned to think creatively and logically.

Certainly if the Tech undergraduate does learn to think in his four years here, one of the first problems to claim his attention would be that of his surroundings, few of which affect him more strongly than his contact with the academic world. These undergraduates, if the collective pride of the educational policies committee is justified, represent a source of intelligent opinion relevant to most of the problems discussed by the committee. The fact that the committee does not choose to solicit this information on a formal basis might possibly be construed to mean that its members have less confidence in the Caltech educational system than they profess to have, or that they just have less interest in educational policies. We don't say that either of the above is necessarily true, but on the other hand, there has been nothing forthcoming from the committee to demonstrate the contrary. In any event, the subject is definitely an interesting one for conjecture.

Frank Kofsky

Pep rally develops fighting spirit in Tech footballers

Those who were present at the pep rally held in the gym last Thursday night (a large percentage of the house members) displayed a brand of spirit which is getting pretty rare around this place. It was really inspiring to hear the enthusiastic response that this excited group gave to the introduction of the coaches and team members, and see the excellent cooperation they gave the yell leaders and song leaders. The rally was packed with excitement and seemed to instill an unprecedented will to win in the students and team.

This new spirit, or something, anyway, certainly seemed to have a beneficial effect. The team we saw out in the Rose Bowl Saturday night was a far cry from the Tech football teams we were accustomed to, which often seemed somewhat lethargic. They didn't manage to win, but they came much closer than is usual for conference games, and they raised new hopes for the coming season.

We heartily congratulate the team for this "new look," and hope that they won't let the loss of one game discourage them or reduce their drive. We congratulate the student body for their increased spirit and support of the team, and especially Jim Cribbs, head yell leader, who contributes so much to the spirit with the enthusiasm he pours into his job.

Let's keep up this will to win and make the other conference schools take another look at Caltech as a football power.

Farrago cries for poets and writers

by John Veltman

Does your mind wander in class? Do you long for fame and wealth? Do you like to write? Do you like to draw? Do you secretly stay up nights — with the door locked — and write poetry? Do you long to see your name in print? If any of these things apply to you, you may have talent, and if there's any place we can use talent, it's in Farrago.

Farrago—for freshmen and those returning students who don't know—is the contribution of the Caltech student body to the world of letters. A farrago, according to Webster, is "a medley; a mixture," and this is perhaps the best description of Farrago. The magazine bears the dual burden of being an outlet for the drive of the Caltech man to create serious literature as well as a source of entertainment and laughter for the Caltech reader who is mainly interested in sex. The result is, in short, a farrago.

Which brings us to the point of this article. In order to meet these stringent demands, the magazine needs a galaxy of contributors who know what kinds of things Techmen like to read. And you, being a Caltech student, know better than anyone else what kinds of stories—humor or serious—Techmen like. You know what kind of poetry they like, and what kind of cartoons they like. So why don't you write something for Farrago?

Dick Van Kirk runs for Rally Commissioner

Members of the ASCIT:

Next week a special election will be held to fill the position of Rally Commissioner on the ASCIT Board of Directors. Those of you who care whether or not the ASCIT presents spirited rallies and interesting assemblies will want to vote for the man who, in your estimation, has the interest and enthusiasm to give you a good rally and assembly program. You must also consider that the Rally Commissioner is a voting member of the BOD, and as such has a hand in directing student body policies and procedures.

When you lump together the duties of the Rally Commissioner to determine the qualities a successful candidate must have, you will discover that he must have been active enough in campus affairs to know just what is going on about the campus, he should have some experience in organizing rallies, assemblies, and similar affairs, and he must have a real interest in the student body.

I believe that my activities in the two years I have spent at Caltech have given me the necessary experience and knowledge to perform the duties of the Rally Commissioner for the student body.

I would appreciate your vote next Thursday.

Dick Van Kirk
P.S. I am not the ASCIT Publicity Manager.

Musical comedy to open at playhouse

The Pasadena Playhouse re-opened last week launching its 40th year with a lively musical comedy, "Two Adams for Eve." Starring in this production at the redecorated theater on So. El Molino are Marjorie Bennett, El Brendel, Marc Platt and Betty Benson.

Miss Bennett in her 40 years of theatrical experience has supported many of the big names of Hollywood, including Charles Chaplin, and Ginger Rogers and many others.

El Brendel, an old-time favorite since the days of W. C. Fields, once formed a comedy team with Jimmy Durante. He is best known for his portrayal of the "yumping yiminy Swede."

Wardrobe loan available to Techmen

Numerous articles of special-purpose clothing are available free for all Caltech students and graduates. The Caltech Service League, sponsor of the loan service, announces that formal slacks, jackets, tuxedos and accessories may be borrowed for dances or other formal occasions. For informal occasions, stylized shoes, slacks, and sport coats of many kinds and all sizes may be borrowed. For those boys anticipating travel to colder climates, overcoats are kept.

The wardrobe loan is operated under the Honor System.

Building T-2 houses the wardrobe. Keys are housed in the Y.M.C.A. and the Health Center.

Secretary's Report

EVERY ONE A QUEEN Today the student body votes to select a Homecoming Queen and two attendants from among the six queen candidates.

POMONA HOMECOMING SATURDAY Take your date to the picnic at Brookside Park at 6 p.m.—after buying a ticket for her from a board member for 85c; then, to the game to see the Queen crowned; and end the perfect evening with the Homecoming Dance, a sock hop at the gym.

RALLY COMMISSIONER ELECTIONS will also be held this noon. Thus far, lovable Dick Van Kirk is the only candidate.

WORLD UNIVERSITY SERVICE As Moulton will be unable to attend the WUS Conference on October 13 and 14, he suggested that anyone interested contact Wes Hershey at the YMCA.

THANKS The board gave Jim Cribbs and his assistants (both sexes) their commendations for a fine rally.

STUD-FAC-REL-COM Any student is welcome to attend the meetings of the Student-Faculty Relations Committee held the second Monday of the month at 4 p.m. in 208 Dabney.

Herb Rauch
ASCIT Secretary

A scoop for Arrow

His Arrow University sport shirt is big news with college men this Fall. We brought custom shirtmaking to casual wear with this one, from its button-down collar in front (and center back) to its action box pleat. "Custom" patterns, too... authentic tartan stripes, tattersall checks, many other stripes.

Tartans, \$5.95; checks and stripes in cotton-rayon, \$7.95.



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Fullbright Scholarships can be won to study abroad

This announcement applies to American students who might be interested in studying abroad under the Fulbright Program. Fulbright awards cover the entire costs of a year's study, including transportation, tuition, and living expenses, in a large number of countries in Europe, and in a few countries in other parts of the world. In some countries knowledge of the foreign language is a prerequisite, but in others it is not.

The Fulbright Adviser at Caltech is Professor H. N. Gilbert; members of the Caltech selection board are Dr. Carl Anderson and Dean H. P. Bohnenblust. Detailed information regarding the Fulbright Program, and application forms, can be secured from Professor Gilbert, 104 Dabney Hall. The awards are made as the result of local, state and national competitions.

The selection procedure followed in making awards tries to find the student who will enjoy the year abroad, and who will make a favorable impression on the people he meets in the host country. The principal objective of the Fulbright Program is the promotion of international understanding. Academic matters are considered as they may relate to the attainment of that objective.

Two years ago there were 26 applicants from Caltech, six received awards; last year there were 16 applicants and five received awards. Of these 11 men, five were at the B.S. level, and three each at the M.S. and pre-Ph. D. levels. We do not know the bases for the selection of these men. Grade Point Average appears to have been important but not predominant. The language consideration makes Great Britain exceeding competitive.

Proficiency in a foreign language helped some applicants materially. Students whose homes are in the less populous states appear to have a better chance than residents of California and New York, for example.

Marshall Scholarships

The British Government is offering 12 scholarship for two years' study in Britain. The value of each award is 550 pounds (\$1540) a year plus transportation.

Information about these scholarships, and application forms, can be secured from Professor Gilbert, 104 Dabney.

A file containing announcements of other foreign student opportunities is available for reference purposes in the Public Affairs Room, Dabney Hall.

P. E. committee men named

The following five faculty members were announced by Dean Eaton last week as being the members of the 1956-57 Physical Education Committee: Dr. Richard H. Jahns, (a Caltech alumnus, class of '35), Dr. Robert B. King, Coach Bert LaBrucherie, Dr. George P. Mayhew, Coach Ed Preisler. The function of the Physical Education Committee is to make judgments on students with PE deficiencies, and to make decisions concerning intercollegiate sport, inter-house sports, and physical education policy. The committee also plans and approves intercollegiate sports schedules.

These men also serve on the Athletic Council along with four Caltech students and one alum-

B & G finds new name to end confusion

This summer, following the national trend in institutions of higher learning, Building and Grounds changed its name to Physical Plant Department. The objective of this change was to facilitate the renaming of Mr. Wesley Hertenstein's position to director, to avoid the confusion which arose from having too many posts with the title of superintendent.

Other achievements of the physical plant department this summer include such things as the installation of bulletin boards and the planting of olive trees in front of the Coffee Shop, building a cement walk and filling the area between the coffee shop and the student houses with decomposed granite. Other projects in progress include the repainting of the interiors of the student houses, the installation of equipment and research facilities in the Norman Church Laboratory and the drawing up of plans for the new health center.

Rumor now has it that grass is to be planted in the area adjoining the coffee shop and west of the student houses, as part of the newly expanded program.

The student members for this year, appointed by ASCIT are: Glenn Converse, Craig Elliot, Ed Park, and Jim Workman. The alumnus appointed by the CIT Alumni Association is John E. Osborn, '39. This council deals with many of the problems which arise over the athletic program, including letter awards.

Social graces scattered to four winds as rotation ends

The hour grew late and the bickering went on and on. At last the weary assemblage, consisting of the four resident associates, the four house presidents, and Dr. Mayhew, Master of Student Houses, had determined the placements of entering freshmen in the Student Houses. The meeting was gladly broken up at about 10:30 p.m. a week ago, and each house president carried a copy of the house assignments back to his house bulletin board.

Rotation 1956 was officially over.

Each house bulletin board immediately became a center of activity as both freshmen and upperclassmen huddled intently about it. Many freshmen were happy to see that they had been assigned to the house of their first choice, while others were somewhat crestfallen to find that they were not that fortunate.

Other house members noted with satisfaction that Joe Frosh, with whom they had so laboriously cultivated a bosom friendship, and spent so many hours extolling the merits of their house, had seen the true light and was in house A, or perhaps cursed him under their breath for being so blind as to prefer house B — deluded, no doubt, by the duplicitous connivings of the unethical members of said house.

At any rate the pressure was off, and the tensions built up over the past week were released

in a round of spontaneous parties throughout the houses.

Frosh and upper-classmen alike were filled with a feeling of relief. The freshman was relieved that he could settle down and stay in one house, without switching every two days to a new house and a new bunch of fellows for meals. The sophomore, junior, or senior was relieved that he could stop being quite so nice to the freshmen.

It was especially relieving to know that those eloquent dinner speeches that he had heard repeated four-times wouldn't again impinge upon his eardrums as he ate.

Yes, it was certainly nice to have the hectic rotation week out of the way.

The next morning, however, as he sat eating his breakfast without assistance of knife, fork, or spoon, he realized that the befalling of initiation week had just begun.

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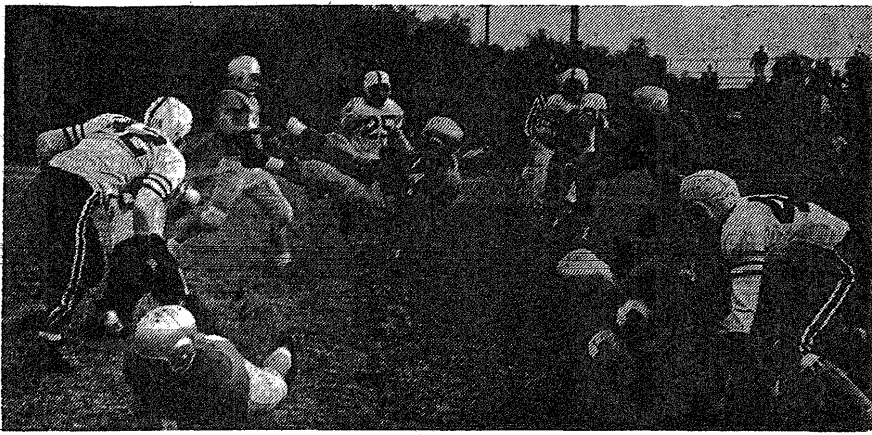


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Highlight of last year's Caltech Pomona-Claremont game, showing completion of 15-yard run

Interhouse Softball

The fourth game of a 10-game interhouse softball schedule gets under way today with Blacker pitted against Fleming.

This will be Blacker's second game of the season as they played in the opening game of the season with Ricketts and lost a 4-3 decision.

In Monday's game, Blacker started right out in the first inning when Don Stern got on first with an error and scored as Bill Kern singled. A double by Ted Lang drove in Kern. However in the bottom of the first, Lou Montoya and Jim Mebust got on with walks and John Price smashed a double, driving in both Montoya and Mebust. In the third inning Ricketts came to life once more. Montoya walked again, and Bill Hecht then blasted a triple, scoring Montoya. Hecht came in on an infield out.

Remaining games:

- Oct. 11 Blacker vs. Fleming
- Oct. 12 Throop vs. Dabney
- Oct. 15 Ricketts vs. Fleming
- Oct. 16 Blacker vs. Throop
- Oct. 17 Fleming vs. Dabney
- Oct. 18 Throop vs. Ricketts
- Oct. 19 Dabney vs. Blacker

NATIONAL FOOTBALL PREVIEW PICKS OF THE WEEK

S. Cal-Ore. St.	14-7	Mich., 20-7	Will O. Plenty
Duke-SMU	26-14	Ore. St., 13-12	
Ill-Ohio St.	33-20	SMU, 19-13	
Notre Dame-Purdue	14-13	Ohio St., 28-13	
Okla.-Texas	33-13	ND, 33-7	
Ora-Wash	43-7	Okla., 42-14	
Syracuse-W. Va.	7-7	Ore., 7-6	
Yale-Columbia	13-9	Syr., 21-20	
Miami-Maryland	28-13	Yale, 21-15	
	19-14	Miami, 26-12	

Beavers seek first conference win against Pomona-Claremont

Coach Bert LaBrucherie's footballers play host to Pomona-Claremont's Sagehens Saturday in the Rose Bowl, as both squads try to break into the win column in 1956 SCC competition. The Sagehens have played two non-conference games, losing to two Marine teams, from San Diego and Barstow. Caltech has a 1-1 record, with a 67-0 win over Cal Baptist and a heartbreaking 13-0

loss to a powerful Redlands. After winning two conference championships in a row the past two seasons, Pomona-Claremont was hard-hit by graduation losses, which left the Sagehens with only thirteen lettermen. Halfbacks Jim Lindblad and Herb Meyer and fullback Gordon Stolzoff are the chief threats of the Pomona-Claremont single wing attack. Hugh Martin and John

Devereaux, all-conference selections last year, are the standouts in the line for the 'Hens.

Caltech will go with Bill Mauer and Gene Stanley, ends, Larry Berry and Larry Whitlow, tackles; Jim Snyder and Russ Pitzer, guards; Lance Hays, center, Dick Van Kirk, quarterback; Don Stocking and Charley Malone, halfbacks, and Ed Krehbiel, fullback.

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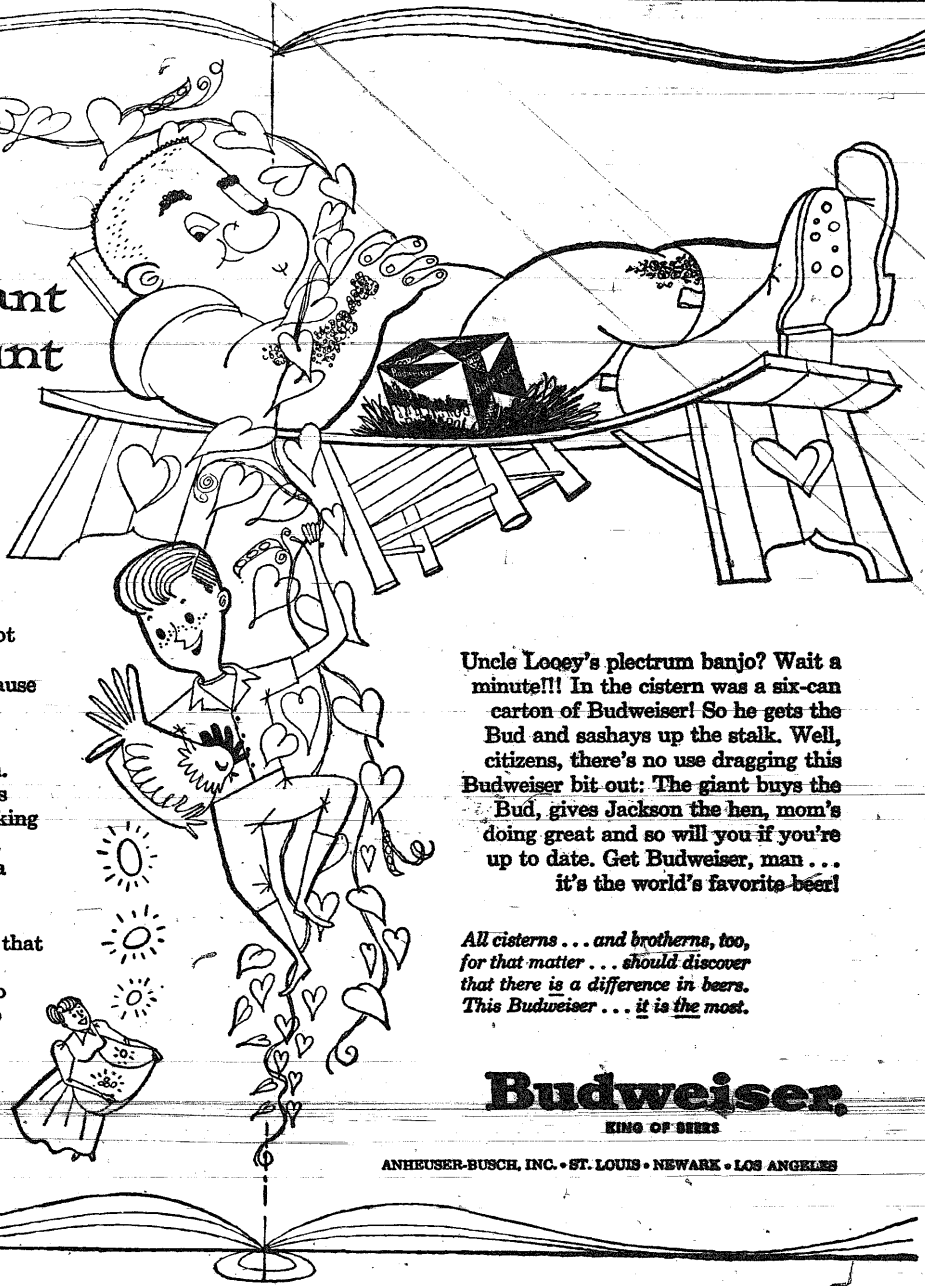
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Jack stalks giant in his joint

OR WITH THESE EGGS, WHO NEEDS BACON?

There once lived a crazy, mixed-up old giant. He lived at the top of a beanstalk and he got his kicks out of a little red hen. Of course, that wasn't bad, because that chicken laid golden eggs.

Now down at the bottom of the stalk lived our boy, Jackson. Our boy was low on loot and his mother... man, she wasn't making it at all. The feedbag was M. T. So Jackson started thinking of a way to get loot fast: "How," said he to himself, "could I get that frantic chicken away from that character upstairs?" He looked around the hut for something to trade—How about an old piano roll? Mom's bifocals?



Uncle Looney's plectrum banjo? Wait a minute!!! In the cistern was a six-can carton of Budweiser! So he gets the Bud and sashays up the stalk. Well, citizens, there's no use dragging this Budweiser bit out: The giant buys the Bud, gives Jackson the hen, mom's doing great and so will you if you're up to date. Get Budweiser, man... it's the world's favorite beer!

All cisterns... and brothers, too, for that matter... should discover that there is a difference in beers. This Budweiser... it is the most.

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Redlands edges Caltech, 13-0, in defensive battle

by Howie Bloomerg

Caltech's Beavers stubbornly fought a highly rated Redlands eleven before bowing, 13-0 Saturday night at the Rose Bowl.

The game primarily was a defensive battle as the Beavers gained but 190 total net yards, and they held the Bulldog offense to only 150 net yardage. The Redlands outfit only a week before had routed LaVerne 41-0.

The first half was marked by many exchanges of punts as neither squad could get a prolonged drive started. With less than four minutes left in the half Redlands recovered a Tech fumble on the Beaver 35. The Bulldogs marched the 35 yards on the ground with fullback Howie Newmann picking up the final three yards. End Joe Houser converted, and Redlands led 7-0. In the final seconds of the first half Merv Lovenberg intercepted a pass from Beaver quarterback Dick Van Kirk intended for end Bill Moeur. The Redlands sophomore raced down the sideline and appeared to be going all the way when Van Kirk stepped through the interference to make a spectacular tackle.

The Bulldogs struck quickly in the third quarter for their final score. After Redlands had bullied their way to the Tech 37 yard stripe, Tipton hit end Stan Brassfield with touchdown toss. It was the only completed aerial out of eight tries for the 'Dogs, but it sewed up the Redlands victory.

Tech muffed their only real scoring opportunity late in the fourth quarter. With the clock showing only a little over two

Rees, Martin tally in Tech loss to UCLA

Friday the Caltech water polo team met defeat at the hands of a strong UCLA aggregation, 13-2, at Westwood. Poor passing, breaking and shooting on Tech's part were the main causes of the lack of improvement on last year's 10-7 score, although it must be admitted that the Bruins had quite an edge on experience. Clarke Rees and Keith Martin tallied the two Tech goals while Drum and Fox took care of the home team's points.

Rees started the game at center forward with Vince Taylor and Bob Blandford on his wings. Bob Smoak, Ed Park and Norm Veinty took care of the defense with Don Wiberg guarding the goal.

Coach Web Emery has brought the inexperienced team along nicely concentrating on breaking and passing. Teamwork, which was noticeable by its absence in the Uclan encounter, will undoubtedly improve as the season progresses.

Statistics		CIT	UR
First downs	.....	9	9
Rushing	.....	7	7
Passing	.....	2	0
Penalties	.....	0	2
Net Yards Rushing	.....	93	113
Lards Lost	.....	43	50
Net Yards Passing	.....	97	37
Passes attempted	.....	17	8
Passes completed	.....	6	1
Intercepted by	.....	0	3
Yards Intercep. return	.....	0	52
Punts number	.....	7	8
Punts average	.....	30.6	33.8
Fumbles	.....	4	6
Fumbles lost	.....	3	2
Yard lost on penalties	.....	40	60
Score:			
CIT	.....	0	0
UR	.....	0	7

The Sports Corner

by Dick Van Kirk

Next Saturday's game against Pomona-C Claremont rates as just about a tossup to most observers, and the breaks could decide the game for either team. The Sagehens, from all appearances, just don't seem to have the material they've had in previous seasons, and the grinding single wing style of play doesn't seem to be clicking like it did for last year's SCC champions. This doesn't mean that the Sagehens aren't a tough team to beat. Before the season began many prognosticators were listing Pomona-C Claremont as a co-favorite with Redlands for this season's loop crown. But Caltech, mostly on the strength of its fine defensive showing against the Bulldogs last week-end, has thrust itself into the picture as a large obstacle in the path of the somewhat deflated Sagehen steamroller.

Monday morning quarterback dept. . . . One of the most noticeable differences between Redlands and Caltech (besides the score) last weekend, to this observer, at least, was the manner in which an opposing passer was crushed by the defending line. Every time a Beaver threw a pass, he immediately found himself lying prostrate on the turf with two or three men in gray lying atop him, all of which left him wondering just what had been the outcome of his throw. Redlands passed eight times, and the Bulldog passer was never seriously threatened by the Beaver line. This may have been due to the fact that the Redlands passers faded back deeper than Caltech's flingers, or because Tech's linemen were more wary of a fifteen yard penalty for roughing the passer, a penalty which is sometimes assessed, though for all practical purposes in a game it is about as plentiful as those monstrous droves of passenger pigeons that frequent the Rose Bowl.

Plug of the week dept. . . . This Saturday afternoon on Paddock Field in Tournament Park the freshman football squad tangles with the 1956 edition of the Whittier Poetbabes. Come out and support the squad in their season opener.

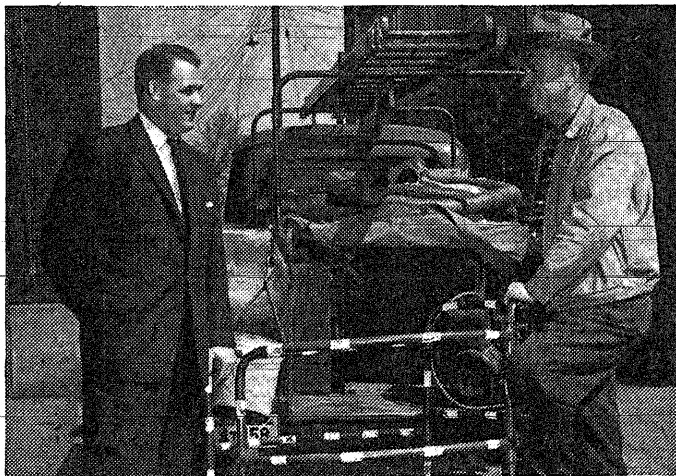
LITTLE MAN ON CAMPUS

by Dick Bibler



"THE GUYS WHO WRITE UP THESE CATALOGS FORGET WE DON'T HAVE A COLLEGE EDUCATION YET."

A Campus-to-Career Case History



Roger Lindblom (left) discussing a construction job with J. R. Young, Wire Chief of Huron, S.D.

"I'm learning more every day—and like it"

Roger Lindblom, B.S. in General Engineering, Iowa State College, '49, is today District Plant Superintendent for the 11,000 square miles of the Huron, South Dakota, district.

In March of 1954 I went to Grand Island, Nebraska, to help supervise dial conversion projects in that district. Everything I'd learned to date came in handy on that job.

"The openings are there," says Roger, "and the telephone company frains you to fill them. I joined Northwestern Bell in 1950 and spent one year learning pole line and cable construction. This, plus short periods in other departments, gave me a good telephone background.

"A year later I went to Omaha on a staff assignment, and in March, 1956, I moved up to my present position.

"My experience really grew when I became an installer-repairman, then a construction crew foreman, and, in 1952, Wire Chief at South Sioux City, Nebraska. There I was responsible for the 3500 dial phones that served the town.

"I head a group responsible for installing and maintaining Plant equipment in the Huron district. We supervise ordering and distributing supplies, and I'm responsible for personnel and employment. I work with other department heads in the administration of our district.

"Each assignment I've had has been broader than the last, and believe me, the more I learn, the better I like it."

Roger Lindblom is one of many young men who are finding rewarding careers in Bell Telephone Companies, Bell Telephone Laboratories, Western Electric and Sandia Corporation. See your placement officer for more information on career opportunities in the Bell Telephone System.



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Caltech Glee Club begins 43rd season with 62 men

by Rubé Moulton

In February of 1953, 8 men under the direction of Olaf Frodsham began singing once a week, calling themselves the new Caltech Glee Club. Since 1953 the club has grown to include some 62 men, with a waiting list of 12.

The original Caltech club was formed in 1904, and lasted until 1946 when, like so many non-technical endeavors here, it died a natural death from the disease of non-interest.

Last year's club, which received high praises from musical directors attending the inter-collegiate Glee Club Festival held at UCLA, boasted some 55 members. With the increase in size this year, in addition to the fact that only 3 men did not return from last year, the Glee Club is looking forward to its most successful concert season to date.

When asked what type of music the Glee Club would sing this year, Mr. Frodsham said simply, "the works." This statement would indicate that religious, secular, romantic, folk, and show music will all form a part of the club's 1956 repertoire. A quartet is being formed which will sing everything from barber shop to Bach, which will add to the club's versatility.

On the agenda so far this year are a joint concert with the Occidental Choir, a Los Angeles TV appearance, and a religious program at the Holliston Avenue Presbyterian Church.

Olaf Frodsham, director of the Glee Club since 1953, comes to Caltech from Occidental where he is Assistant Professor of Music, Director of Music Education, and Director of the Occi-

Artists present chamber music

by Jacob Lubliner

This season's Chamber Music Concerts, sponsored by the Humanities Division, will be presented bi-monthly beginning this Sunday. In addition, a special recital by the Thomas String Trio will be given on Thursday, October 25, in one of the student houses.

Among the renowned artists appearing for the Caltech community are violist Milton Thomas, pianist-composer Ingolf Dahl, soprano Marni Nixon (who, I am told, provided the voice for Deborah Kerr in "The King and I") and violinist-conductor Israel Baker. The music will range from the late Renaissance (William Byrd) to contemporary.

The present, as well as the Classical period, will be represented in this coming Sunday's concert by the American Chamber Players. Ingolf Dahl, the group's pianist, contributes a nocturne for cello and piano; and Robert Palmer, another contemporary American composer, a Quartet for piano and strings. Though neither composer belongs to today's most radical schools, the fact that the other works on the program are trios by Haydn (No. 4 in E major) and by Beethoven (Op. 9 No. 3, in C minor) should provide some interesting contrast.

The Chamber Music Series is but one facet of what promises to be, in many respects, an interesting musical season in the Los Angeles area. I shall preview the program of the San Francisco Opera, and hope to discuss other events in the weeks to come.

Faculty, research positions named

Four new appointments were made to the faculty and research staff here on Wednesday, October 3.

Named as associate professor of chemistry was Harold S. Johnston. Dr. Johnston received his Ph.D. from Caltech in 1948. Before coming here this fall he was an associate professor at Stanford.

Dr. Leon Blitzer has been appointed senior research fellow in physics. He also received his Ph.D. from Caltech in 1948, and is now on leave from the University of Arizona to conduct research in spectroscopy.

The two instructors named were David M. Raup and Jerome Sacks. Mr. Raup will serve as instructor in invertebrate paleontology. Dr. Sacks will be an instructor in mathematics. Dr. Sacks received his Ph.D. from Cornell in 1956.

HOMECOMING

(Continued from page 1)

time the queen will make her first public appearance by riding around the field with her attendants in a new convertible especially provided for the occasion; driven by Jim Cribbs. If the attendance at last year's Homecoming (vs. Oxy) Day is any indication of what to expect Saturday, the queen will be cheered by a record crowd of Tech rooters and their dates.

As if this were not enough activity for one day, the annual Homecoming Dance will follow

the game. A caravan will leave the Rose Bowl for the Tech gymnasium. Sponsored by the Alumni Association the dance will feature the sweet music of Tony Torillo and his band, plus some special guest musicians. The dance will be a sock hop.

The coronation ceremony follows the traditions of other years. Craig T. Elliott, Student Body President, will introduce Dr. W. F. Nash, Jr., President of the Alumni Association, who will, in turn, present last year's Homecoming Queen, Sandra Nash of IHC,

IT'S FOR REAL! by Chester Field

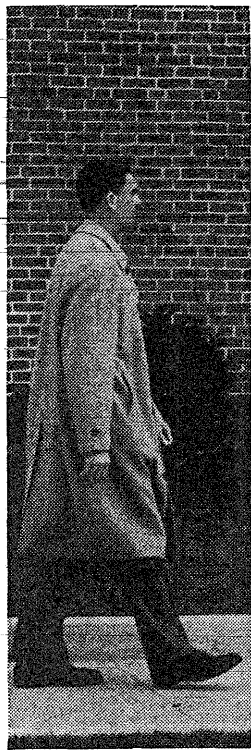
GABRIEL DOOM



Once every month Gabriel Doom Locked himself up in a sound-proof room; Then he laughed out loud and rocked with glee At a life that was funny as life could be! He laughed at the weather, sunny on Monday ... rainy on Saturday, rainy on Sunday. He laughed at the news so loaded with grief that an ax murder came as a pleasant relief! He cried, "what with worry, hurry, and strife you couldn't ask for a funnier life!"

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