

# The California Tech

California Institute of Technology

Volume LX.

Pasadena, California, Thursday, February 19, 1959

Number 18

## ASCIT Contest Nears Polls



Candidates for ASCIT offices include: back row, Carl Hamilton, Bob Koh, Skip Stenbit, Ken Casey, Tom Tisch, Art Rubin, and Carl Morris; front row, Tom Jovin, Bill Bauer, Al Armstrong, Jim Wooster, and Carl Gottschall.

### Traditional Election Rally Precedes Tuesday's Voting

The final list of candidates for ASCIT offices was released by BOD following last Tuesday night's nominations deadline. The nominees are:

President — Tom Jovin.  
Vice President — Frank Greenman, Tom Tebben.  
Secretary — Bill Bauer, Jim Wooster.  
Treasurer — Carl Morris, Art Rubin.  
Athletic Manager — Carl Gottschall Lannes Purnell.  
Social Chairman — Ken Casey, Randy Schmus.  
Activities Manager — Tom Tisch, Hugh Kieffer.  
Business Manager — Howard Weisberg, Bill Hilchey.  
Representative at Large — Al Armstrong, Bob Koh.  
Board of Control Secretary — Carl Hamilton, Skip Stenbit.  
Editor of the California Tech — Cleve Moler.

Campaigning by candidates rolled into high gear during the week with all ASCIT hopefuls giving two-minute speeches during mealtime in the student houses. The last of these speeches will be today at noon.

After a weekend lull, campaigning will be climaxed next Monday, February 23, by the traditional election rally in Culbertson. The rally will begin immediately after dinner is completed in the student houses.

Official balloting has been set for next Tuesday, February 24. Voting will proceed in the usual manner. Election results will be announced in the student houses at dinner that same night.

#### McClure, Owings Run Rally

The election rally is traditionally staged by the previous year's losing ASCIT President candidates. This year's chairmen are Bill McClure and Don Owings.

The rally and other election activities is financed by the candidates themselves, who not only provide the skits and entertainment, but also contribute five dollars each to the general election fund.

Statements by the candidates can be found on page 3.

#### ELECTION CALENDAR

Thursday, Feb. 19 — Final speeches by candidates during lunch in student houses.  
Monday, Feb. 23—Election rally, starting about 7:15 in Culbertson.  
Tuesday, Feb. 24—Elections; results same night.

### Lucas Foss Leads Chamber Music Session

Improvised chamber music, created by a group headed by modern composer Lucas Foss, will be presented Sunday evening at 8:15 in Dabney Lounge. The concert will be preceded by a blackboard lecture by Foss on the objectives of the group.

Inspired by modern jazz groups, the ensemble attempts to extend improvisation into the strictly classical realm, playing entirely without score. The musicians make up the melody, harmony and counterpoint on the spur of the moment, using a system of controlled chance developed by Foss. The music differs with each playing.

Foss is an associate professor of music at UCLA, succeeding Arnold Schoenberg. He was born in Germany and was naturalized 1942. He has received several awards, including the Naumberg Recording Award and the Creative Music Grant of the Institute of Arts and Letters in 1957. He has based much of his music on American and Biblical themes. He will play the piano in the ensemble.

Other members of the group are Charles DeLancey, percussion; Robert Dransin, flute; Richard Dufallo, clarinet; William Malm, bass clarinet, and Eugene Wilson, cello. They are all associated with the UCLA and USC music departments, and have played in music festivals ranging from jazz to Bach.

The group has been making a tour of Western colleges and universities, which will culminate at UCLA. Tapes of some of the music sessions have met profound interest at music schools at Aspen and Tanglewood, Colorado, and at Brandeis and other universities.

#### Announcements

##### Pre-Registration

Registration cards for third term will be available at the Registrar's Office starting Monday.

##### Rings

Seniors who want class rings should see Lewis Linson in Dabney. A five dollar deposit is required.

### Playwrite Kingsley Learns Physicist's Role

By Carnoy

Just as the student comes to Caltech to study science, Pulitzer Prize winning playwrite Sidney Kingsley has come here to study scientists. Looking for material which may be the background for a new play, Kingsley is spending his time trying to understand and actually have the feelings of the physicist of today. He wants to portray and "explore some of the great problems of our time in terms of the physicist, who is part of most of the problems . . . for the first time in history."

### Band Slates Appearance

The Caltech Band will present its first concert of the year next Thursday, February 26, at 11:00 a.m., in Culbertson Auditorium. John Deichman, who took over the reins of the band two years ago, will direct the 32-piece group in a program of concert music far different from the pep songs the band has been playing at football and basketball games this year.

The program will open with Frank Panella's march, "On the Square." Following this the band will play a special arrangement of Moussorgsky's "A Night on Bald Mountain."

Walter Schumann and Frank Erickson, two of the country's foremost arrangers for concert band, have taken the popular folk tune, "Skip To My Lou," and presented it in the styles of

(Continued from page 5)

### ASCIT Drive Nets \$2200; Misses Goal

The ASCIT Charities Drive netted approximately \$2200 this year, according to general chairman Tom Tisch. The drive wound up Tuesday, following a four-day extension. Final exact results, and the house collecting the most money will be announced within the next two or three days.

The drive fell short of its goal of \$2400, but still passed last year's total, according to Tisch.

### Expert On Latin America To Be Last AUFS Visitor



Dr. K. H. Silvert will be on the Caltech campus next week as the final AUFS visitor.

One purpose of this play will be to 'smash the stereotype' that the public has made of the scientist. Kingsley feels that it is not possible to create an exact image of "the scientist," because scientists as persons are too individualistic. However, in his play he will try to present an honest though generalized, portrayal — "Just as in a cloud chamber, I will try at least to exhibit his trail."

#### Scientific Approach

This 'scientific approach' to playwriting is nothing new to Kingsley. For his first professional production, "Men in White," he spent a great deal of time in New York hospitals, even posing as an intern. The play was acclaimed by the AMA Journal and by the critics; he received a Pulitzer Prize for the best play of 1933. In 1936, Kingsley used extensive notes on conversations of the juveniles and prostitutes and hoods of New York's East Side to write and produce his second hit, "Dead End."

"Detective Story," (1949) was the result of more than a year spent in working with detectives of the New York Police—of being able to project to the stage a small segment of a complicated portion of society.

#### Barometer of Our Time

But Kingsley, as the student, is out to learn more than specifics. He thinks that the "scientist is a barometer of the great revolutionary changes and problems of our time," and that the "scientific revolution is so enormous that it is going to condition

(Continued from page 5)

LITTLE MAN ON CAMPUS

by Dick Bibler



"HE'S IN PRIVATE CONFERENCE WITH MISS LUSH—CARE TO WAIT?"

# Fineman's Shilling Scandal Sheet Describes Scottish Nationalism, British Provincialism

Joe Fineman, '58, is holding down the job of chief of the California Tech Overseas Office, while he attends Saint Andrews University on a Fubright grant.

His newest letter has just arrived. It begins with this first installment.

Scotland  
January 24  
1959

This time I shall just graze on a few assorted subjects, viz.: Scottish Nationalism. There are a few diehards in modern Scotland (e.g., in the Scottish Nationalist Party), who want complete independence for the country, with all the trappings — separate government, including Foreign Office, membership in NATO and the rest. There are, they point out, other countries as small that have done all right on their own.

This extreme position is not very popular, but there is widespread complaint that Parliament is too far away to look after Scottish problems, and most people on both sides of the Tweed would like to see some kind of "devolution," with separate parliaments for England, Scotland and Wales, and the all-British parliament left with more time to tend to its business.

Such a quasi-federal system may well be instituted within the next few decades; it is one of those things like Alaskan and Hawaiian statehood and the Saint Lawrence Seaway that are generally thought desirable but take a long time to get through the government tuba.

Certainly the average Englishman knows and cares remarkably little about Scotland. Though there are only four universities in the country (Aberdeen, Edinburgh, Glasgow and St. Andrews), the people I talked to in London either had never heard of St. Andrews or thought it was a branch of Edinburgh—as U.S. Easterners think Caltech is a branch of UCLA, but a more comparable situation would be if people in L.A. confused Stanford with Berkeley. Altogether, people are far more provincial here than in the U.S., and it is not as ridiculous as it sounds that five hundred miles is too

far for a government to keep contact with its people. When I innocently remarked a week ago at dinner that I was going to

London for the week end, people reacted as if I had announced that I was dropping over to New York. It's a long way here.

## Scripps, Caltech Slate Conference

The Scripps-Caltech Student-Faculty Conference, slated for the week end of February 27 and 28, will concern the general topic, "Man At the Crossroads."

The confab is to be attended by 40 Techmen, 40 Scripps girls, plus 30 faculty members from the two schools. The Scripps delegation, filled but a few hours after signing up started, has

shown tremendous enthusiasm over the conference, according to Mike Peters, Caltech chairman.

Caltech students wishing to attend the conference will get their chance today as sign-up lists will be brought out today at noon in front of Dabney Hall. The total cost to students attending the conference will be \$10.50, of which \$2.00 must be paid upon signing up.

The program for the conference, according to Peters, sounds extremely interesting. It is to

(Continued on page 8)

## 'Golden Key' Awarded To DuBridge

Dr. L. A. DuBridge received the 1959 Golden Key Educational Award February 14 at Atlantic City.

The award, sponsored by eight national educational organizations, is given to "a citizen who has contributed significantly to the national welfare and a teacher named by that citizen as the person who influenced him decisively as a formative stage in his life. DuBridge nominated Dr. Orrin Harold Smith of Greencastle, Indiana, as the educator to share the award with him.

## Theologians End Tech Visit

Eight visiting theology students conclude their visit tonight with an "evaluation session" in Dabney Hall Lounge at 7:30.

The program will feature comments by all the visitors on the opinions and impressions they have of Caltech students and life. The students themselves have planned the program.

During the past week the student have highlighted their visit by closely communicating with the Caltech students and engaging in several lounge discussions. They have been eating meals in the student houses and staying in the rooms of the students.

## Work Begins On Annual Sing

Practice for the annual Inter-house Sing began last Monday with twice-daily rehearsals scheduled until the day of the event, Friday, March 6. Dean Eaton will serve as master of ceremonies for the admission-free event held in Culbertson and open to the public.

"Amo, Amas" is the required song with each house selecting an additional number to round out the program. Dabney has chosen the "Whippenpoof Song" and Fleming has picked "There Is Nothing Like a Dame." Ricketts, defending champion, and Blacker as of Monday had not selected their second songs.

Serving as directors are Bob Lange, Gary Walla, Keith Brown and Stan Sajdera for Dabney, Blacker, Fleming and Ricketts, respectively. The first three men are all directing for the first time, while Sajdera directed the winning Ricketts entry last year.

Olaf Frodsham, Glee Club director, will select a trio of judges from musical experts in the area. The Glee Club will also present a program.

— paid advt. —

HOWARD WEISBERG for  
ASCIT Business Manager

Editorial

# Cabbages and Kings

Techmen have traditionally looked upon the Caltech administration as something that, like God, moves in unfathomable ways to accomplish its good works, its purpose dimly glimpsed and its methods mostly beyond mortal knowing.

But this has been a bad year for tradition, and students are beginning to cast inquiring glances at the Caltech administration, along with the rest of their environment.

They are wondering seriously about themselves and their education, as evidenced by ExComm's ambitious Report on Student Life. They are coming to realize that the administration largely determines the nature of their Caltech education, in what sometimes seems to them an arbitrary way.

Students have been worrying about factors in their education such as motivation, intellectual initiative, mental health and psychological growing pains, and have been trying to map out what they feel to be their own responsibilities, and Caltech's responsibilities, to their education.

The administration's attitudes on these responsibilities are reflected almost daily in Institute policies for admissions, registration, and student health, and the attitudes indicated are causing many students a good deal of concern.

But the students have a poor understanding of the administration's actual attitudes, and are wanting to know more.

So we have decided to publish a number of questions in these columns next week, directed to the deans. The questions will deal with the administration's opinions and sentiments on matters of student interest. The California Tech will offer space in a future issue for the deans to make their reply available to the whole student body.

## LETTERS TO THE EDITOR

Editor, The California Tech:

The word charity means giving without any desire of receiving in return. The grammar school tactics recently employed in the ASCIT charity drive, tactics degrading the act of giving to a childish competitive game to win a decent meal in the student houses, is revolting to anyone who believes in the true meaning of charity.

In the future, I hope that a little originality understanding of human nature, and a proper regard for the act of giving will be characteristics of the next ASCIT charity drive leader.

Louis Toth

CLASSIFIED AD

LOST: Envelope—sealed and addressed, but not stamped—containing personal letter.  
Pete C. Lippman  
Ricketts House

## The California Tech

EDITOR: Mike Milder

EDITORIAL BOARD: Marty Carnoy, Cleve Moler, John Todoroff, Howard Weisberg.

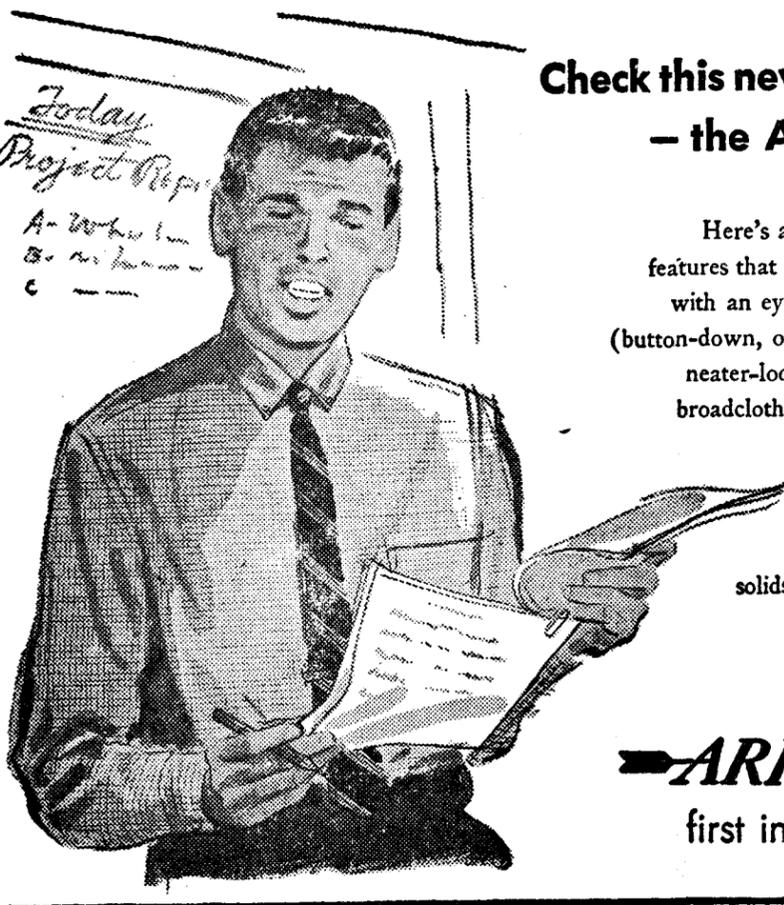
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BUSINESS MANAGER: Howard Weisberg

Circulation: Sid Leibovich, Neil Sheeley

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Check this new collar style  
— the ARROW Glen

Here's a broadcloth shirt with features that please the college man with an eye for style. The collar (button-down, of course), is a shorter, neater-looking model. The fine broadcloth cools you throughout the warm days ahead.

There are trim checks in many color combinations, solids and white, of course.

\$4.00 up.

ARROW

first in fashion

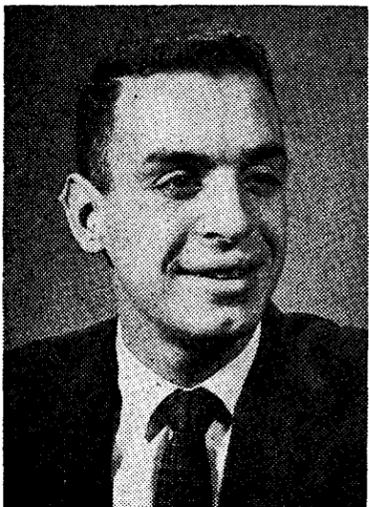
# Candidates For ASCIT Offices

## PRESIDENT

### Tom Jovin

Annually, at the time of ASCIT elections, there are people who claim that the student government and the students have parted ways. The issue primarily concerns the difficulty involved in communicating to the student body the significance and direction of ASCIT activities.

Perhaps one tends to forget that good government must provide imaginative leadership as well as representation. Let us, therefore, have an ASCIT which will: a) think big and broadly, b) use judgment in making decisions and courage in defending them, and c) assist in interpreting the students to themselves, the faculty, and the "outside world."



FOR ASCIT PREXY: Tom Jovin

## VICE PRESIDENT

### Frank Greenman

The vice-president's primary duty is the smooth and efficient operation of our honor system. I served on the BOC my freshman year. I know how it was conducted then; I know how I want to conduct the BOC if I am elected.

Specific campaign issues for the office of vice-president are difficult to pin down since the job to be accomplished is essentially new every time the BOC meets. To me the qualifications for the office are responsibility, judgment, and experience. I hope that I meet the qualifications you have set for a candidate for vice-president.

### Tom Tebben

The ASCIT Vice-President has two principal duties. First, he is chairman of the Board of Control and is responsible for the Honor System. I would like to see a series of open BOC meetings, similar to those held last year, to explain the board's attitude toward the Honor System to the new students sometime first term.

Second, the Vice-President serves as second-in-command of the Board of Directors. The BOD spends \$12,000 of your money annually, and I would like to see more of this money benefit the student body as a whole.

## SECRETARY

### Bill Bauer

Perhaps the most significant defect of our student government is its inability to communicate with the student body. Last year's BOD made noticeable progress toward overcoming this difficulty, but its efforts should be expanded and improved.

If elected secretary I would, in part:

Continue the Secretary's Report in the *Tech* and weekly agenda announcements to the Houses;

Expand the distribution of ASCIT minutes, making a copy available to every student who expressed an interest, and

Press for more careful examination of the budget requests of ASCIT-subsidized organizations, as well as for a more equitable distribution of student body funds.

## Jim Wooster

This year's scant crop of ASCIT candidates indicates, I believe, the continued existence of an unfortunate attitude among Techmen. We somehow feel that the BOD is too remote for our participation and nearly too remote for communication. This situation, largely due to student apathy rather than to the BOD itself, is nonetheless lamentable. Far from requiring parliamentary training, the duties of a BOD member are performed through application of several familiar attributes—among them responsibility, initiative, and willingness to work hard. This has been demonstrated before, and I would welcome the opportunity, as ASCIT Secretary, to try to do so again.

## TREASURER

### Carl Morris

Due to the nature of his office, the ASCIT Treasurer is intimately involved with many phases of student government. The opportunity to serve on the BOD, and on other committees presents an exciting challenge, one that enables the individual to demonstrate his interest, creativity, and responsibility through thoughtful and mature actions.

I feel that I can benefit this year's board with some new ideas and am most anxious to serve you as Treasurer. I would very much appreciate your vote next Thursday. Thank you.

### Art Rubin

The ExComm change has lessened the need for treasurer's entering the usual contest to outguess student opinions on a few ephemeral issues. The tendency to over-estimate the treasurer's role in financial policy often clouds the job as I see it—thoughtful participation on the board and competent performance of the treasurer's job. To be frank about my experience, at Purdue, I was treasurer of my Quad, the same size as ASCIT, same budget, and similar problems. After living here two years I think I have enough feeling for Caltech life to apply my experience as a competent, thoughtful treasurer.

## ACTIVITIES MANAGER

### Hugh Kieffer

The Activities Chairman is one member of a group that must deal with the problems of the

student body. His own position as co-ordinator of campus groups and the activities of the student body requires good judgment and the ability to work with many people.

As Frosh President and Sophomore BOC member I have gained experience that will be valuable in fulfilling the duties of this office.

As Activities Chairman I would try to enable campus organizations to reach their goals and to aid them, through the more general scope of ASCIT, in activities they could not pursue by themselves.

## Tom Tisch

In addition to thinking of new ideas and new ways of implementing old ones, there are two general changes which I would like to see made. The first is the establishment of a loosely organized inter-club council, which would provide some order to the present random campus club structure. Through this organization mutual club activities might be scheduled and regular non-conflicting meeting dates arranged. Secondly, I would like to see a few evening programs arranged, featuring local musical groups or perhaps even local figures of political interest. I hope that I will have your support in these matters.

## SOCIAL CHAIRMAN

### Ken Casey

Two things are necessary for a successful social program, efficiency and imagination. Efficiency means early planning, ASCIT-House co-ordination in scheduling, and quick completion of details. Imagination involves improvement of events through "extras" — queens, better bands, locations, deals on tuxes and flowers, and so on.

There is an interesting prospect before us in the coming year — the possible purchase of a mountain "retreat." Social events held in a place of this nature — everything from formal to completely informal (well, not completely) are something to think about. The year has a lot of possibilities.

### Randy Schmus

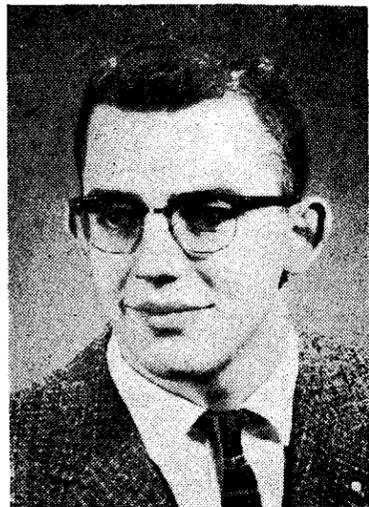
The job of ASCIT Social Chairman requires the holder to have wide experience in business and social activities. As social chairman for Blacker this past year, I have been fully broken in to the hardships and operation of this type of position. I feel that my personal desire to increase the quality and quantity of the student body activities, both through social events and BOD participation, is my paramount objective in running for office. Therefore, for a well-organized, co-ordinated social program, remember Randy Schmus.

## BUSINESS MANAGER

### Bill Hilchey

### Howard Weisberg

This job requires familiarity with publications at Caltech, plus ability to contribute positively



FOR CALIFORNIA TECH EDITOR: Cleve Moler

toward the work of the BOD.

I will seek to maintain current standards for ASCIT publications, where they are high, to make improvements in certain other areas such as the Little t, to institute policies leading toward year-to-year continuity in the quality of student publications, and to work toward faculty and outside understanding of student life and problems, now sorely lacking, through outside publicity.

I have previously shown interest in student affairs as California Tech Associate Editor and Business Manager and as YMCA Treasurer.

## ATHLETIC MANAGER

### Carl Gottschall

Having been a member of an athletic team every term, I feel familiar with intercollegiate athletics, and the past year as sports co-editor of the California Tech, has helped me broaden my knowledge of all athletics at Caltech.

Having thought a good deal about this office, I believe I can offer some new ideas such as arranging for improved seating at the track and football field. Holding the athletic banquet at a different location with the possibility of better meals at less expense should also be investigated.

I would sincerely appreciate your vote in the coming election.

### Lannes Purnell

## REP AT LARGE

### Al Armstrong

There is an ever-increasing problem present on the campus. This is the lack of sufficient communication between the ASCIT Board and the student body. This is particularly prevalent among the off-campus underclassmen. The only contact they have with the Board is reading the minutes on the bulletin board. This only relates what has already been done. They have no conception of what is being done, or is to be done.

As the only underclassman on the Board, the Representative at Large must somehow cross the gulf. That is what I hope to do with interest and work.

## Bob Koh

The ASCIT Rep has specific duties to perform as part of his job, but the most vital aspect of his duties, in my opinion, is sitting on the BOD and helping to shape ASCIT policy with his vote. The "Representative-at-Large" should be exactly what his title implies, with special concern for underclassmen. Of late, a major problem has been the apparent lack of communication of mutual understanding between the BOD and the student body. I am eager to help the other members of the BOD in making ASCIT a truly representative organ of student government. I would appreciate your vote next Thursday.

## CALIFORNIA TECH EDITOR

### Cleve Moler

As I see it, the responsibilities of the California Tech are three-fold:

1) The duty to report all student activities, from the "Y" film series to the Oxy game, fairly and accurately.

2) The ability to provide Caltech with an entertaining look at itself through weekly columnists and special news features.

3) The opportunity to evaluate and criticize some Caltech attitudes and organizations that could benefit from editorial comment.

As editor I will do my best to meet these responsibilities in the tradition that has made the Tech one of the nation's best small college newspapers.

## BOC SECRETARY

### Carl Hamilton

The work on the Board of Control during this year has been a definite, maturing influence. This experience can be best employed if I can serve as secretary of the Board during the next three terms. My only platform is to execute the duties of that office with the efficiency necessary for the Board's effective operation. Your vote next Tuesday will be sincerely appreciated.

### Skip Stenbit

There are many students on campus who are well qualified to execute the mechanical duties of the Secretary of the Board of Control. I believe I am one of this group; however, this fact should not determine your vote. The Secretary should have enough experience with personalities to be an active contributor to the Board's discussion. He should stimulate the thinking of the other members by the expression of his own opinions. I am very interested in this facet of the Board's work and feel that I could actively contribute to Board decisions.

# THE BARFLY

by Champion

Every so often the inevitable happens, and we find it necessary to bid a sad farewell to an old comrade. Now instead of sitting around in solemn requiem, the obvious and infinitely superior thing to do is throw a party. Such a party requires a special drink; and so, we have a concoction guaranteed to quiet even the most maudlin troll:

### The Adios Amigos

- 2 parts dark Bacardi
- 1 part straight brandy
- 1 part gin or vodka
- 1 part dry vermouth

Chill the basic ingredients well beforehand, fill the mixing con-

tainer with small chunks of dry ice, and pour the goodies over this. Stir well until the temperature approaches 0 degrees Fahrenheit, and allow to reflux until the remaining dry ice evaporates. Season to taste with lime juice and sugar (both to be used sparingly, of course).

Suggested amounts for the average size party are about a fifth per part, a shot of lime juice, and one or two teaspoons of sugar. Serve while still below freezing (preferably in iced glasses) and don't be afraid to consume too rapidly. When mixed correctly (a trivial matter) and drunk at the proper temperature, the **Adios Amigos** slides down like a smooth icy bomb, in spite of its near-80 proof and seductive power. If such an improbable thing should happen, leftover quantities can be put in an empty bottle as a going-away present.

# CAMPUS BREWINS

### Brawn vs. Blubber

Beak hears that the well-known ego of one A. Geltfart was quite deflated recently. Seems that our boy is sitting in his womb with date when who should toddle along but fellow Phlem Churl Goodshill. Churl looks at a 65-pound barbell sitting on the floor, asks, "Hey, Geltie, what's this?" "Why, that's my set of weights," explains Geltfart. "I work out with them." "Can I look?" Churl inquires. "Help yourself," Geltie offers magnanimously. Goodshill picks up the weights, presses them over head with one hand, casually replaces them on the floor. "Bbbbutbut . . ." quivers Geltfart, "Nobody can do that!" "Trivial," chortles Goodshill, leaving Geltie's heroic figure quietly shrivelling under inquiring female gaze.

As the Actress Said . . .  
The Phlems had an exchange

last week end with what rueful A. Rube, after gazing sadly on his bottle collection, later described as "The hollow-stemmed girls of the Pasadena Playhouse."

### Pit of Passion

The party was over, it was early in the morn, and Phlem D. W. Mantis, feeling no pain or anything else, quietly toddled off to his room in search of slumber. Meanwhile, the frosh across the hall were snug in their beds, unaware of what awaited them. Dawn crept on. Lower frosh D. Wineshiltbomb, twitching restlessly, rolled over in bed. His outflung hand encountered a large soft mass. Wineshiltbomb awoke instantly, peered at the mound lying in bed next to him, choked off a maidenly scream, and leaped out of bed; summoning virginal roommate P. Ion to witness the queer sight. There before their

very eyes lay the unconscious corpus of Mantis, who was forthwith awakened from his coma and told to take his lechery elsewhere. Mantis blames Beak, who had been at the gathering earlier, for leading him into the wrong room, but Beak wouldn't think of contributing to such goings-on.

### Gal vs. Gael

Elfin Scurfrosh Kerry Donovan was approached by Apache maiden Judy Broccoli last Saturday. "You look like a leprechaun," burred the maid "Wuzza leprechaun?" queries Donovan. "An Irish fairy."

### One Up

The scene is Ricketts House, the time 12:30 ayem. Churl Morass and his Hollywood date are having one last dance. Enter troll, left. "Excuse me, Churl, here comes my 'agent'," the wench whispers. Morass stands transfixed, sighing softly, as date and agent walk into the night.

Story has it that the same wench, a candidate for Apache queen, was doing a fine job all evening of manifesting herself in front of all available cameras, putting down any female opposition, and doing her best to play Big Girl. Beak would like to commend old friend Rotten Gleet for her action above and beyond the call of duty: a flourishing salute with a fitting gesture of reverence.

### And One for the Road

Scurfrosh Slaverfeeled during the same evening chanced upon an unnamed wench who seemed more than overcome by his froshly charms. The only dirt gleaned by Beak, however, was a report of a soft voice filtering from the vicinity of Slaverfeeled's room, breathing, "You can call me a two-bit hussy, if you want to, but I can't help myself."

## A.U.F.S. Visit

(Continued from page 1)  
meet with Economics 100 classes and the Y Undergraduate Lunch Forum.

### Second Tech Visit

This is Silvert's second visit to Tech under AUFS auspices, following two years in South America, divided between Chile and Argentina. He has been associated with AUFS since 1955.

Silvert began his Latin American studies in 1940, spending the summer in Mexico observing the presidential elections. In 1947-48 he was in Chile on a Pennfield Traveling Scholarship, and took his PhD at the University of Pennsylvania in 1948. He served as a staff member of the Tulane University Summer Staff in Guatemala in 1951, and headed the session in 1953. He resided in Guatemala in 1952-53, under research grants, enabling him to make an intensive study of Guatemalan Society. In 1955, he revisited Guatemala, El Salvador and Costa Rica.

He was associate professor at Tulane before joining AUFS, and a member of several Latin American studies committees. He has published a two-volume work, **A Study in Government: Guatemala**, as well as articles on Latin America.

Silvert is concentrating on Chile and Argentina this trip and is prepared to speak on many topics relating to these countries, including Argentine and Chilean economies and political situations, including Peronism, and relations of these countries to the U.S.

GET SATISFYING FLAVOR...  
**So friendly to your taste!**

No flat "filtered-out" flavor!  
No dry "smoked-out" taste!

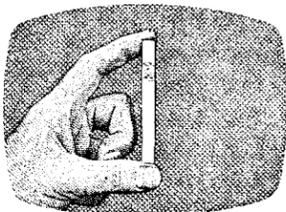


You can light either end!

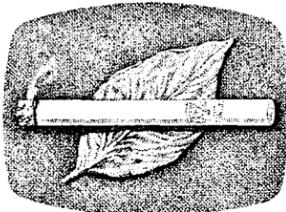
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See how Pall Mall's famous length of fine tobacco travels and gentles the smoke —makes it mild— but does not filter out that satisfying flavor!

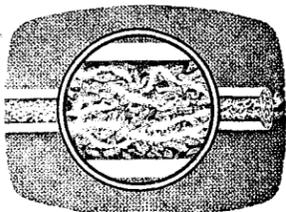
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# Gray Cited By California Legislature

By Carnoy

Resolution No. 58 to the California Legislature, introduced by Messrs. Reagan and Lanterman on February 3, 1959, read as follows:

"WHEREAS, The Industrial Relations Section of the California Institute of Technology, located in Pasadena, California, was founded in 1939 and will complete 20 years of service in this year, 1959; and

"WHEREAS, Through research studies, publications, management development conferences, a reference library, courses for college students, employee opinion surveys, and other activities, the Industrial Relations Section has contributed significantly toward increasing knowledge and understanding of the philosophies, principles, policies, and procedures affecting the functions of management and labor; and

"WHEREAS, Since its outset, the Industrial Relations Section has emphasized the large areas of mutual interest of management and labor rather than the smaller, but often more apparent, areas of conflict; and

"WHEREAS, Especially in California and other western states, both industry and labor have benefited from the activities of the Industrial Relations Section during the past 20 years; now, therefore, be it

"RESOLVED, by the Assembly of the State of California, the Senate thereof concurring, That the Members of the Legislature hereby extend their congratulations to the California Institute of Technology and to Professor Robert D. Gray, Director, Industrial Relations Section, upon the 20th anniversary of the Industrial Relations Section of the California Institute of Technology; and be it further

"RESOLVED, That the Chief Clerk of the Assembly is hereby directed to transmit suitably prepared copies of this resolution to the California Institute of Technology, Pasadena, California, and to Professor Robert D. Gray."

**Director For 18 Years**

Gray has headed the Industrial Relations Section for more than 18 of its 20 years. He got his university education at Wharton School of the University of Pennsylvania and remained there after he had received his B.S., from 1928 to 1937, working as a research assistant and research associate in the industrial research department. In 1937, he went to the University of Connecticut as an Assistant Professor of Economics, and three years later came to Caltech, retaining his previous title and adding to his duties Director of the Industrial Relations Section. By 1942, he was a full Professor of Economics and Industrial Relations.

Some of Gray's most important work has been outside of Caltech. He was on the Board of Directors of the Pasadena Chamber of Commerce for six years, 1950-56, serving as President in 1953-54. Since 1944 he has been a member of the California State Personnel Board. He was President of that board from 1947 to 1949, and is again now. The CSPB administers Civil Service for about 88,000 state employees and also determines wages for state college personnel.



Robert D. Gray

**Appointed to Committee**

About a year ago, Gray was one of five men appointed to a special committee by the Secretaries of State, Commerce, and Labor to study the extent to which the U.S. should participate in the International Labor Organization of the United Nations. Up to the time of the formation of the committee, many leaders felt that since Russia was a member of the I.L.O., the U.S. should have as little

as possible to do with that organization. However, the committee reported that the U.S. would benefit from being more active in the I.L.O. Due to the report, Congress has removed the ceiling that it had previously imposed on U.S. contribution to I.L.O. and measures have been taken to increase the activity in this field.

Here at Caltech, Gray's chief responsibility is the Industrial Relations Section. The Section provides more teaching than economic research, mainly to groups from industry who are taught industrial management both at Caltech in special, or actually at the industry itself. Last year, at both evening meetings and full-time conferences, the Section taught 955 personnel representing 103 countries.

**Courses Offered**

As part of the curriculum, I.R.S. offers two undergraduate courses: Industrial Organization (Ec 18) and Introduction to Industrial Relations (Ec. 48), and one graduate course: Industrial Relations (Ec 112). The policy

of the department is to offer a few courses to many students rather than to make Industrial Relations an option, and thus offer many courses just to those majoring in this field.

Gray is also the co-author of two books: Wholesale Prices in Colonial Pennsylvania and Wholesale prices in Philadelphia, 1784-1860.

## BAND SETS CONCERT FEB. 26

(Continued from page 1)

Mozart, Brahms, Bach, Prokofiev and Gershwin. The Band's rendition of this number is calculated to raise the eyebrows of everyone in the audience.

Two more serious selections come next on the program. The first is Claude Debussy's "Clair de Lune." Another French composer, Hector Berlioz, wrote the Band's next offering, "March to the Gallows," taken from a part of the popular "Symphonie Fantastique."

Meredith Wilson's current hit, "The Music Man," is still sold out on Broadway. Those of you who would like to hear the show, but don't want to travel many miles and wait many weeks for

tickets, will be able to hear the music from this show as the Band finishes its program with several numbers, including "Lida Rose," "Till There Was You," and "Seventy-Six Trombones."

## Kingsley Visit

(Continued from page 1)

the other disciplines." Kingsley wants, as a member of the non-scientific society, to empathize with the scientific world.

Kingsley has also mixed with the undergraduates in English class discussions and in the Student Houses. "The Caltech student is quite different from most . . . having a new attitude . . . a more technical attitude . . . he is more self-conscious due to the eyes of the world upon him."

English: **TURKISH CHECKROOM**

Thinklish: **FEZIDENCE**

PATRICIA MCELROY, CORNELL

English: **INEBRIATED RELATIVE**

Thinklish: **DRUNCLE**

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# Cagers Face Whittier Saturday

## Topple CMC Five In Impressive 64-53 Triumph

The Beaver cagers journey to Whittier Saturday night to face the powerful conference-leading Poets in the final Caltech basketball game of the season.

Whittier, with a tall, fast culb, is riding an 11-game winning streak and rates a heavy favorite to overwhelm Tech in fashion similar to that of last Saturday, when the Poets closed out the CIT home schedule with a resounding 75-39 triumph.

### Strength in Defense

Whittier's prime strength lay in their tough shifting zone defense, sparked by rangy 6-ft. 6-in. center, Herm Mason, which managed to move at least two men to the ball handler and stole the ball over 30 times. Beaver forwards were limited to only a few hurried shots from the corner, with a number of those being deflected, and the Tech men consistently were screened from even remote access to the defensive backboard.

On the other hand, hard-driving forward Bill Johnston dropped in 16, as did guard Bill Hollinger, and Mason contributed 12. John Stone, as usual, was high for the Beavers with 11 points.

### Sharp Against CMC

Tech looked impressive in beating Claremont-Harvey Mudd, 64,53, last Wednesday night on the CIT floor, onutplaying the invaders all the way to tally their second win of the season. Little sophomore Bill Ripka, showing increasing coolness with experience, led the attack with 14 points, Stene and Larry Brown hit for 12, and Len Maley dunked 10, 9 of them in the opening minutes as the Beavers moved to a 19-9 early advantage.

### Caltech (64)

	FG.	FT.	F.
Maley	4	2	1
Brown	6	0	3
Stene	4	4	3
McClure	2	1	4
Holland	2	4	0
Burke	0	0	0
Blakemore	1	0	5
Ripka	5	4	2
Shampine	0	1	0

### Claremont (53)

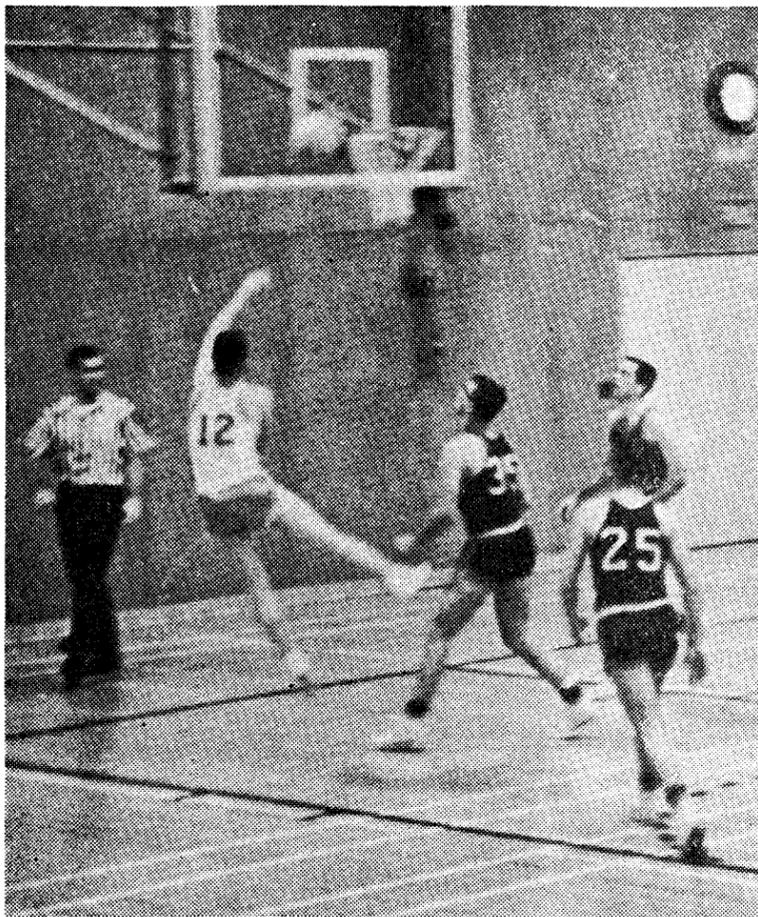
	FG.	FT.	F.
Peoples	1	2	0
Shoemae	0	0	2
Sunshine	4	5	5
Molnar	1	0	1
Stiles	7	6	3
McConnell	0	0	1
Lowe	2	2	3
Goodwin	2	0	2
Sheets	0	0	1
Slotkin	1	2	1

### Caltech (39)

	FG.	FT.	F.
Maley	2	1	1
Brown	1	0	2
Stene	4	3	2
Haworth	0	0	1
Holland	3	4	3
Shampine	0	0	1
Blakemore	1	0	1
Ripka	4	1	2

### Whittier (75)

	FG.	FT.	F.
Hooks	0	3	2
McLaughlin	2	0	1
Sanford	1	0	1
Johnston	1	0	1
Johnston	6	4	3
Dower	1	0	0
Mason	6	0	0
Kenley	2	0	2
Hollinger	7	2	2
Brown	2	0	0
Guevara	1	2	0
Hernandez	2	4	3
Rieke	0	0	0



Rowdy photo

Guard Dave Blakemore (12) drives through for a lay-in in Tech's victory over Claremont. The Beavers play their final game of the season Saturday night at Whittier, rating heavy underdogs.

# Sports

## As I See It

by Russ Pitzer

### Basketball Horizon Seems Brighter

I was impressed with the way both the varsity and frosh basketball teams played steady ball in the final moments of their games against Claremont-Mudd. They didn't start making mistakes, as they had in losing some close games previously. It's really too bad there weren't more people there to enjoy the game. There seemed to be very few people present compared to other home games.

Whittier showed an impressive team last Saturday night. They worked well together and were very fast. The really discouraging thing is that none of them are seniors, and they have a good frosh team.

The prospects for a better Caltech team next year look bright, though John Stene will be very hard to replace. Most of the team will be back including guards Mel Holland, Bill Ripka, and Dave Blakemore, all of whom have looked good lately. This year's frosh team has been the best in several years, winning about half their games. They will help out next year's varsity a great deal. Dean Gerber, Jerry Clough, and Roger Noll have looked especially good. Fred Newman will also be back next year.

The Educational Policies Committee's report and suggestions about PE reflect a good amount of thought and work and offer some good ideas. There are several features in them that need more consideration before being practicable but I think they are a good start and merit thought on the part of both faculty and students. It would certainly be a shame if nothing more were done on the matter now and it was allowed to die.

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# Frosh Five Tops CMC With Ease Lose to Whittier; Noll Sinks 28

After splitting a pair of conference games during the past week, the Caltech frosh basketball squad still holds a 7-7 record. Last Wednesday evening, the Claremont frosh dropped a 71-53 decision on the Beaver hardwood.

The winning Techmen whipped off to an early ten-point lead but Claremont got hot at the end of the first half to make the half-time score 32-31. Once again the victors opened up a big advantage and coasted to the win. In the final few minutes, the little Beavers netted 17 points to a mere three by Claremont.

Gerry Clough fired in 21 points with Dean Gerber connecting for 20 markers. Big center Roger Noll chipped in 14 points for the victors' offense.

Whittier, using a racehorse fast-break, ran the legs off the little Beavers to take an easy 78-51 triumph Saturday. The well-conditioned Whittier five hit for a fantastic 70% of their shots in the first half to build up an overwhelming lead.

Robertson, stellar guard for the Poetbabes, hit for a terrific 18 points during the initial period. Fellow guard Jones filled the runner-up slot and was top playmaker.

The Techmen, on the other hand, were off in their shooting form and couldn't catch up in the final half. The Whittier offense, firing from keyhole, were too much for the frosh, who get another chance at Whittier next Saturday.

Noll poured in 28 points for his season's highest total in leading the erratic offense. Clough made 13 points but Gerber and John Arndt, usually dependable, could not produce a field goal between them all night.

# Oxy Netters, Star Maeno. Here Sat.

The varsity tennis team hosts Occidental Tigers Saturday on the Tournament Park Courts. Ray Maeno, seeded first in the conference tourney last year, will be top man for the Tigers, along with several other returning men.

The doubles team of Antoniak and Quigley won their match last week end for the sole Caltech victory over UCR. Butterfield and Yellin teamed to win a 16-14 set and earn a draw in their doubles match for the only other bright spot of the day.

Frank Cormia, the Beaver's number one netter, dropped a close match after winning the first set, and the remaining team members, Morris, Butterfield, Yellin, Antoniak and Quigley, also dropped their singles.

Occidental's courts will be the scene of the frosh tennis team's match against the Oxy frosh. In the match held Saturday the Techmen lost to Webb School.

# Walsh Heads Returning Diamond Lettermen

A conflicting basketball campaign has prevented the Caltech varsity baseball squad from reaching full strength. Yesterday's exhibition with Cal Poly on the Beaver diamond was the season opener. San Fernando State provides the opposition Saturday on away grounds.

Eight returning lettermen led by All-Conference selection John Walsh plus three promising prospects up from last year's frosh team give hope of an improvement over last year's third place

## Tracksters Open Season Hosting Cal Western

Caltech opens its 1959 track season Saturday, the varsity and frosh teams hosting Cal Western in a triple meet.

Coach Bert LaBrucherie admits to an undermanned varsity, especially weak in the sprint distances and hurdles. Tony Leonard shows promise of being an outstanding half-miler, with Ron Forbess and Tom Keil strong hopes at 440. Versatile Steve Ahrens should be good at any of the middle distances.

The Beavers are somewhat more solid in the field events with John Weaver, having cleared 12 feet, pole vaulting; Russ Pitzer and Doug Stewart in the shot put; Lannes Purnell and Mike Engleberg, capable of reaching 200 feet with the javelin, and Doug Stewart and Sid Liebovich pressing 125 to 130 feet with the discus.

B. L. Jewett and Fred Newman show good promise in the high jump.

This year's frosh squad should provide some interesting meets, paced by Dick Klett and Vince Hascall as sprinters and Bob Juola and Dick Tuft in the longer distances. Klett was impressive in last week's interhouse track competition, breezing to wins at 10.2 in the 100 and 23.0 in the 220. Tuft and Juola were top men on last term's cross-country team, Tuft having run a 1:56 half-mile in high school.

Dean Gerber, still playing basketball, is expected to top the discus throwers, with Ed Cline strong in the pole vault and John Curtis and Bill Emerson capable of 19 feet in the broad jump.

finish. With the conference slate beginning next term positions are not completely set as of yet. Dave Blakemore, a regular third baseman last season, and infielder Mel Holland won't report for practice until after the cage season is completed.

Major trouble spots seem to be a lack of depth in the pitching staff and a somewhat shaky infield.

Lanky John Price, senior fireballer, and control artist Marty Kaplan return as regulars from last year's mound staff, but the list of candidates ends there. Walsh, normally an outfielder, can be counted on for short hauls of duty but no other hurling prospects have been found.

Behind the plate this year will be Blakemore with Skip Stenbit and Bob Golden backing him up. Stenbit a sophomore will probably see more action at third. Golden, out for the diamond sport for the first year, has been ill and probably won't be used much at the beginning of the season.

Dennis Kuli, senior starter, also returns and probably will

spark the infield. Kuli, a versatile glove man, has played all infield positions and this year will probably be used to plug the gaps again.

Stenbit, who will catch the initial pair of games with Blakemore still out, will be moved back to first after Blakemore reports. Herm Hartung, also a returnee, looks like the best bet for the keystone sack, although his fielding is somewhat weak. A transfer student from Occidental, junior Tony Grande has looked good in pre-season practice at shortstop and seems to be the man to beat for the position.

Karl Poole, a sophomore, and letterman Dave Teal will battle for the third base spot. Holland, a hard hiter last season, could force his way into the starting lineup after basketball season.

The outfield of course will be strengthened considerably with the return of Walsh, who slugged for a .555 average last season in leading the league. Walsh will patrol center with sophomore Buzz Merill in left. Dale Parkhurst 'a leftfielder on the Beaver team of two years ago, will be a great asset after he be-

comes eligible. Parker, a sharp-hitting senior, can play any of the three outfield spots.

Another sophomore, Tom Gordon, along with Stenbit have looked best in pre-season hitting.

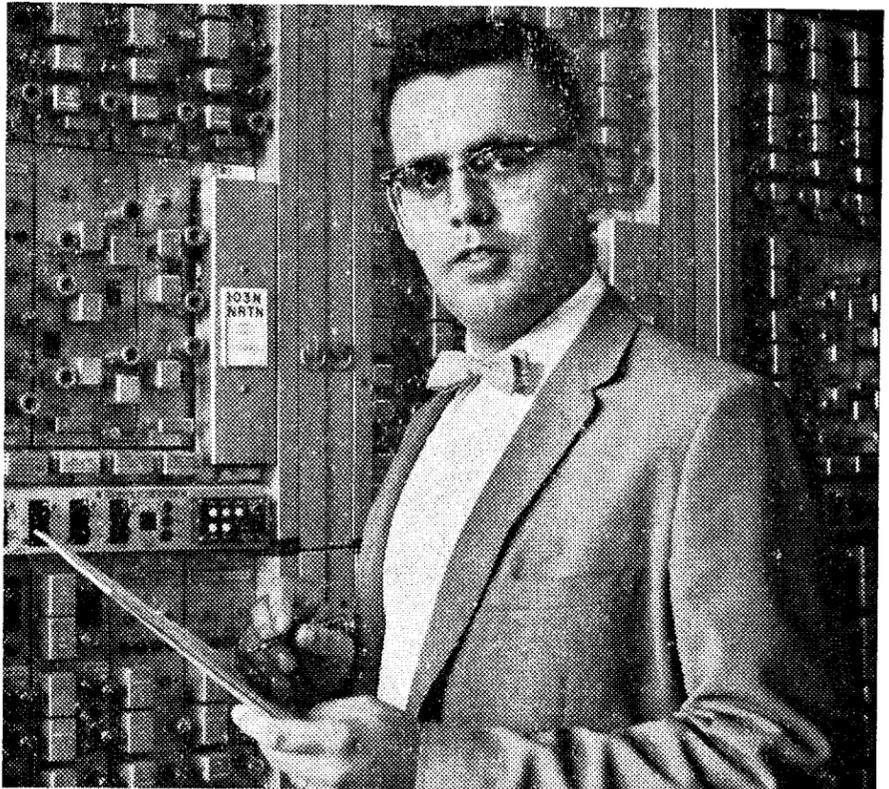
Coach Ed Preisler, currently handling the frosh basketball team, won't be available until next week. Jack Peterson, a Class C veteran in the monors and a Beaver senior, will coach the squad until Preisler returns. Peterson is also freshman baseball coach.

If the pitching holds out and the infield is fairly tight, the baseball team should fare reasonably well with a stronger hitting attack than last year.

BASKETBALL SCIAS Standings		
	W	L
Whittier .....	4	0
Redlands .....	5	2
Occidental .....	3	2
CALTECH .....	1	5
Pomona .....	1	5

Scores:  
Redlands 82, Pomona 58  
Occidental 81, Redlands 78  
Whittier 75, Caltech 39  
Pomona 60, Claremont 51

## A Campus-to-Career Case History



**"I wanted a job I could grow with  
—and I've got it"**

H. James Cornelius graduated from Swarthmore College in 1954 with a B.S. in Electrical Engineering. He's been "growing" ever since with the Bell Telephone Company of Pennsylvania.

After an initial 44-week inter-departmental training course, Jim was made Facility Engineer in charge of the fast-growing Norristown-Pottstown area. In that capacity, he engineered over half a million dollars' worth of carrier systems and cable facilities between major switching centers.

Today, he is one of 50 young engineers from the Bell Telephone Companies chosen to attend a special Operating Engineers Training Program at Bell Lab-

oratories. This 19-month course of study—with full pay—deals with advanced techniques and new concepts in electronics which signal a new era in telephony. It involves both classroom theory and practical laboratory applications.

When Jim and his colleagues return to their companies, they'll review major engineering projects. This will assure the best use of equipment for current engineering, as well as for expected new developments in communications.

"I wanted a job I could *grow* with," says Jim, "and I've got it. I can't think of a better place than the telephone company for an engineering graduate to find a promising future."

Many young men like Jim Cornelius are finding rewarding careers with the Bell Telephone Companies. Look into opportunities for you. Talk with the Bell interviewer when he visits your campus. And read the Bell Telephone booklet on file in your Placement Office.



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# Tibbetts Stars As Swimmers Beat Mt. Sac.

The 1959 edition of the varsity swimming team kept hopes high for a very good season in readily turning back the Mt. San Antonio tankmen 44-40.

The best performance of the day was sophomore Gary Tibbetts' remarkable showing in the 440 yard freestyle race in which he lowered his record by more than three seconds to post a very good 5:16.9. Gary also took first in the 220 yard freestyle to make him Tech's only double winner.

Don Owings won the 200 butterfly, Bill McClennan took diving honors, and the 400 yard medley relay team of Brown, Owings, Blandford, and Rony copped first place.

Keith Brown swam two very close races, the 50 and 100 yard freestyles, but was edged out in both and had to settle for two second places. Pete Rony took second in diving, Roger Bland took second in the 200 yard back stroke and Bob Seltzer placed second in the 200 yard breast stroke.

San Fernando State, in their first year of swimming competition, comes to Alumni Pool this Friday for a meet scheduled to start at 4:15.

Saturday at 10:00 a.m. the frosh team travels to UCLA for their first meet of the year. The frosh team looks as impressive as the varsity, and general opinion is that they too will have the best record in years.

# Darbs Win, Face Discobolus Battle

Dabney's Discobolus basketball team easily defeated the Fleming quintet, 49-31. The first quarter showed a confident Dabney five jumping off to an insurmountable lead which they maintained throughout the contest.

Fred Newman led the high scorers with his impressive offense and Skip Stenbit looked good on both offensive and defensive backboards. Don Wiberg and Mike Engleberg paced the Flems in their losing cause.

This afternoon, due to an unusual challenge procedure, Fleming will meet Dabney in a Discobolus volleyball game.

# Interhouse

## John Price Leads Ricketts To Slim Track Advantage

Ricketts held a slim but commanding advantage in the Interhouse Track standings as of Wednesday afternoon, with two field events which had been delayed by adverse weather yet to be completed.

Dabney holds a tight second with 33 points to 36½ for the leading Rowdies and 29½ for a surprisingly strong third-place Blacker. Fleming and Throop lag behind with 13 and 19 points respectively.

Price and Dick Klett of Throop were the individual stars of the meet, Price winning both the low and high hurdles in addition to his tie in the high jump. Klett easily outclassed the field of sprinters, winning the 100-yard dash in 10.4 and the 220 in a good 23.0.

The broad jump went to Dabney with Christman winning at 19' 1 3/4" and Kuli placing third, behind Emerson of Throop. Ed Cline won the pole vault for Ricketts with a leap of 10'6".

Jewett and Laderman of Fleming were second and third respectively.

Hamilton of Dabney took the discus with a toss of 106' 8½" and Ricketts' Clint Frasier put the shot 36'2" to top Stack of Blacker in second and Rubin of Fleming, third.

The 660 was won in 1:32.7 by DeGaston of Dabney and the 330 by Lee Hood for Blacker at 38.3. Gregorich, second to DeGaston in the 60, won the grueling 1320 in 3:38.7.

In the closest event in a meet marked by many tight finishes, Hood held onto a one-stride lead over Price to win the relay for Blacker. Dabney was third.

Prior to the meet, the interhouse athletic trophy standings read:

Dabney	.....90
Ricketts	.....60
Fleming	.....57½
Blacker	.....47½
Throop	.....40

# SCRIPPS-CALTECH CONFERENCE

(Continued from page 2)  
be held at Firestone Boy Scout Camp, as it was last year. The camp has been completely landscaped during the past few months, with sports facilities and a heated swimming pool also provided.

The camp will begin with three kick-off speakers, Dr. John Weir, Caltech psychology professor; Dr. Paul Saultman, USC biology professor, and Dr. Edgar Reckard, Chaplain of the Associated Colleges. Dr. Weir will speak on both the pessimist's and the optimist's view for contemporary and future life. Dr. Sullivan will cover the responsibility of the scientist toward his society, including the gift science, both natural and social, has to offer humanity. The final speaker, Dr. Reckard, will deal with the evaluation of the outlooks of the pessimists and optimists, looking ahead into the future through the eyes of the moral philosopher.

The whole program will be moderated by Dr. Arthur Campbell, Dean of Students at Harvey Mudd College.

Besides these edifying speeches,

a full social program has been planned for the delegates. Friday night there will be a square dance, called by the same "Ozzie," who was so successful last year. A regular social dance has been programmed for Saturday night. Also on the agenda is a marshmallow toast by the gigantic fireplace in the lodge.

# Welles Movie Next Y Film

Another in the series of films being presented by the Caltech YMCA will be shown Sunday night at 7:30 in Culbertson. The film, made in 1936, is entitled "Things to Come."

Based on a story by H. G. Wells, the story concerns humanity's new civilization after a war of total destruction has razed the old. Starring are Raymond Massey, Sir Cedric Hardwicke, and Sir Ralph Richardson. The film is billed as being of "fantastic historical interest," according to Ken Scholtz, "Y" representative.

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They said nobody  
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**MORE TASTE:** L&M's rich mixture of slow burning tobaccos brings you more exciting taste than any other cigarette.

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2nd Feature

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