

# The California Tech

California Institute of Technology

Volume LX.

Pasadena, California, Thursday, January 22, 1959

Number 14

## Bayne Describes Mid-East Growth

Italy and Iran are both in the process of rapid and unpredictable growth, said E. A. Bayne in his recent AUFS-sponsored campus visit.

Bayne described Italy essentially as a growing country rapidly evolving toward a modern democratic society.

Bayne contended that Italy is going through a great economic rebirth, with all areas of the country, including the underdeveloped South, profiting from the growth.

Italy is plagued by many social problems and there remain many areas where poverty and superstition overwhelm industrial development. These problems will probably decrease in the future, as Italy evolves to a more mature, balanced economy.

Israel, only in its second decade as a nation, was described as being a nation which could look back with pride on its first decade but is still facing many serious economic and political problems.

In particular, Israel faces problems concerning the diverse economic levels of its people—some, relatively rich industrialists, and some, very poor immigrants—its dependence on immigration and gifts and its own problems of internal development in an unfavorable agricultural and raw materials area.

Israel also faces problems resulting from its unique position as an enclave in a region whose governments are all hostile to it, and its role in the Cold War.

## UN Delegates Plan Ahead

The Caltech Model United Nations delegation, representing Japan, began preparations for the coming assembly last week by assigning the delegates specific roles.

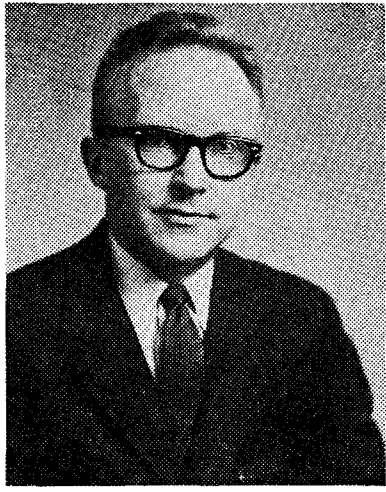
Eight separate organs of the United Nations will be attended by Caltech delegates. Assignments are: Security Council — Cleve Moler and Dave Nissen; Economic and Social Council — Tom Morton; Political and Security Committee — Mike Milder and Pedro Bolsaitis; Finance Committee — Doug Carmichael; International Court of Justice — Roger Noll and Ken Scholtz and delegation chairman—Tom Jovin.

The Model United Nations, this year at USC, will take place from April 22 to April 25. This will be the ninth annual Pacific States Model United Nations.

## McKay Ensemble Gives Recital

The Harper McKay Ensemble will present a chamber music concert Sunday evening at 8:15 in Dabney Lounge, featuring the works of seven modern and romantic composers.

The group is comprised of Harper McKay, piano; Burnett Atkinson, flute; Joseph Krechter, clarinet, and Margery McKay, mezzo-soprano.



Robert A. Burton

## China Expert Burton To Be AUFS Visitor

Chinese expert Robert A. Burton begins his campus visit Monday as this year's second American University Field Service representative.

Burton will confine his lectures to the development of Communist China and what has happened behind the bamboo curtain during the past few years.

Burton has been a student of Chinese affairs since 1946, when he first started graduate study in Chinese history and language at Peking.

### Covered the Revolution

He covered the Communist Revolution in China as a news correspondent, leaving before the Reds captured Shanghai. On his return to the U. S. he toured the country under the auspices of the Chicago Council on Foreign Relations.

In 1951, Burton returned to Hong Kong as consulate general, and from 1954 until 1958 he worked in Hong Kong as a research consultant for the Far Eastern and Russian Institute of the University of Washington.

In collaboration with a founder of the Chinese Community Party, he wrote a two-volume history of the Communist Party, which was published last fall.

Burton joined AUFS in 1958.

### Speaks Tuesday

Burton's schedule calls for him to give his first campus speech Tuesday at 11:00 a.m. to the History 5 classes. He will speak that evening to H-124 at 7:30.

He will meet with the YMCA lunch forum Wednesday and will dine in one of the student houses.

Thursday, he will meet with the Y Grad Sack Lunch Forum and following dinner at 6:00 will present a lecture in the Athenaeum, "Who Rules Red China?"

# Proposed By-Law Revision Alters ExComm Structure

## Announcements

### TOTEM

Undergraduates who have not yet received their copy of *Totem* may pick one up in the "Y" lounge at any time during the next week.

### RADIO CLUB

Anyone interested in joining the Ham Radio Club, or in operating the campus ham radio rig, should attend a special meeting next Tuesday at 7 p.m. at 201 Engineering.

## Frosh to Pick New Officers

The procedure for the election of freshmen class officers was set this week, according to Jim Geddis, present frosh president. New officers will be elected to replace those officers appointed at the beginning of first term.

First step in the elections is nominations which close this afternoon at 4. Anyone wishing to run for an office automatically nominates himself by merely notifying either Geddis or Larry Langdon, frosh secretary, of his wish to run before this afternoon's deadline. Notes to Geddis may be dropped in the "G" box in Ricketts, while those to Langdon should be placed in the "L" box in Blacker.

The final list of candidates will be announced at the freshman Chemistry lecture Monday. Elections will be held one week from today in the normal election manner: through the student houses, Throop Club and in front of Dabney Hall.

Freshmen offices to be filled are president, vice-president, secretary, treasurer, athletic manager and two BOC members.

## Newton Hits Big Time

# Beat Bard Beckons Beadle Back

### By Carnoy

When George Beadle left Stockholm in December, it could not be conceived by even the most optimistic of his colleague, that the modest biologist could receive a greater recognition for his outstanding work than the Nobel Prize.

Yet, on his return to Oxford, it was waiting for him: a personalized dedication by the man who put poetry in the position it holds today on campus—Lt. Albert G. Newton: "Dear Prof. Beadle,

Merry Xmas and Happy New Year and enclosed is a First Notice ticket for over-time parking at the Queen's Palace.

Professor Beadle please hurry home  
Because Caltech campus feels so all alone.  
Even your secretary while sipping her tea,

A revision of the ASCIT by-laws affecting the makeup and administration of the ExComm has been approved by the BOD. In accordance with the ASCIT Constitution, a meeting of the Corporation will be held on Thursday, January 29, to discuss the proposed change, followed by an election to approve or disapprove the matter.

## Alumni Donors Honored As 'Gold Beavers'

(This is the fifth in a series of articles charting the progress of the Institute's \$16,100,000 Development Program.)

The formation of a Golden Beavers Club, a unique plan for stimulating alumni interest in Caltech's Development Campaign, was announced this week by Grice Axtman, Alumni Program Director.

Under the plan, the top 10 per cent of alumni contributors will be named to membership in the Golden Beavers every month. Each membership will be good for one month. A man will become a lifetime member in the organization by receiving three consecutive monthly memberships. The amount of individual contributions and the size of the smallest contribution in the 10 per cent will not be announced.

The announcement of the first month's members will be made early in February. Axtman expects 150 or more "charter" members.

"We have already collected \$521,778 from 1,260 of our 7,600 alumni," Axtman said, in an interview with the California Tech Monday. "This is over 50 times the amount of alumni donations for any period before the campaign began" he continued. "The alumni are really rallying."

Over-all Development Campaign contributions totaled \$7,590,000 on December 31, it was also announced.

A two-thirds majority of the votes cast is required to pass the issue.

The change in organizational structure will be accomplished by changing the clause in the By-Laws which states that four of the six ExComm members must come from the BOD: namely the president, vice-president, secretary and treasurer. Instead, the ExComm will now consist of at the most three, and possibly two, BOD members, one of them the ASCIT President.

Also repealed is the clause that states that the ASCIT Pres-

For text of amendment, see "ASCIT Notices," page 3.

ident shall be chairman of ExComm.

The purpose of this whole change, according to Wally Baer, ExComm member, is to remove the ExComm from control and direction by the BOD while still remaining accountable to it for its actions. It is hoped that this change will help ExComm to more efficiently accomplish its primary purpose: that of investigating and advising on student body problems on a long-range basis.

## BOC Selects DePicciotto

Sol DePicciotto was appointed recently by the Board of Control as senior representative to fill the vacancy left by Dick Johnson when he was appointed ASCIT vice-president.

DePicciotto will serve on the BOC for the remainder of the



Lt. A. G. Newton

Looks very glum and lonesome to me.  
I also made a check of old San Pasqual,  
And everyone there thinks you're really a doll.  
To a Nobel from a Dumbbell,  
Lt. A. G. Newton."

The friendly campus bard, known to everyone as the gun-toting stantion of law and order and dealer of peach and white dollar signs, has again shown that his rough exterior is merely a front for the great artist that lies within.

Beadle's response was prompt and grateful:

"Dear Lt. Newton:

Congratulations on being right on your toes on those tickets. Just put the charge on our bill, won't you?

And we do like your poetry—makes us so homesick! Here there are no campus cops and the regular bobbies never talk much — not like those good American cops, anyway.

Our best to you and the other good folks at C.I.T.

George Beadle"

**LITTLE MAN ON CAMPUS** by Dick Bibler



"NO-NO! TH' NEXT ONE — THAT ONE'S FULL O' BEER!"

# Fineman's Shilling Scandal Sheet Resumes Study Of Student Nonsense

Joe Fineman, '58, is holding down the job of chief of the California Tech European Bureau while he attends St. Andrews University in Scotland on a Fulbright Fellowship. His correspondence continues this week with the first installment of his fourth entertaining letter:

LONDON  
29 DECEMBER  
1958

It's been almost two months since the last time, so this will be a long one, as the Bishop said to the actress.

For reasons that have nothing to do with the fact that it is a Scottish university, the residences do not play anything like the dominant social role at St. Andrews that they do at Caltech. They have a warden directly responsible for discipline; the house committees are mere appendages and seldom heard of.

There is no significant inter-house athletic program; non-varsity athletics are on an informal, PE-like basis. Finally, the presence of women in the university deprives the houses of

what is at Caltech a conspicuous source of importance — the demand for a week-in, week-out social program. Students of both sexes can simply come to the Union-sponsored hops on Saturday nights without the need for a superstructure of officials, agreements, transportation lists and so forth.

The remaining need — for big social events — is supplied by various clubs and an occasional house event. Indeed, I am impressed in retrospect by the importance of horniness as a binding factor in Caltech student house life. There is some friendly rivalry among the residences here to the extent that each man considers his the best.

The years are, on the other hand, much more separated than at Caltech, though perhaps less so than in more typical American colleges. They sit (at least in Sallies) at separate tables for meals; it is rare for a tertian or magstrand to know the names of many bejants.

Organized distinction is, however, pretty much confined to the

bejants, who are persecuted by the semis as in the U. S. There is no initiation, but there is a curious event in the middle of November called the Bejant Skite. (I do not know where the word comes from.) This originated some years ago when the bejants had a dance which the semis tried to crash, resulting in a university-wide fight and considerable property damage.

The fight and the damage became a yearly tradition till the authorities stepped in and banned skite activities from the residences. What remains of the skite is that the semis and bejants spend a day roving about in large gangs and trying to "transport" each other. To "transport" a person is to tie him up, dump him into a lorry (truck), take him as far away as seems convenient, and let him go.

There are stories of captives who by cleverness or luck manage to get dropped off right near their homes, but more typical is

(Continued on page 5)

**Secretary's Report**

## The Revised System Of Honor Awards

Upon recommendation from the Board of Directors, the Executive Committee in conjunction with the Honor Point Committee undertook a study of the existing Honor Awards system. A report embodying the following observations and procedural revisions was approved by the BOD on November 17.

**Significance and Intent of Honor Awards**

Honor awards serve as a recognition of service to the school. Participation in extracurricular activities constitutes a "service" in that activities possess an inherent, positive value. Participation can be defined on a threefold basis: a) support of organization—membership; b) active, concrete, and constructive interest; c) direct service in some form.

**Revisions in the Mechanics of the Honor Awards System—Applicable as of 1959**

a) Candidates for honor awards will be supplied with a standard application form with space for the title and a brief description of each activity. They will not specify whether they are applying for a key or a certificate.

b) The Honor Point list formerly printed in the Little T will be eliminated and substituted with the following statement:

"In recognition of service to the school and to the student body, ASCIT awards Honor Keys and Certificates to deserving students each year. Support of and active participation in any of the varied ASCIT sponsored activities, student clubs and organizations, technical societies, as well as student house leadership can be applied toward one of these awards. Honor Keys will be awarded only to those who in the opinion of the Honor Point Committee have done particularly vital or long term service to the student body through their extracurricular activities. The requirements for the certificates are less restrictive and there is a correspondingly larger number of students recognized in this manner.

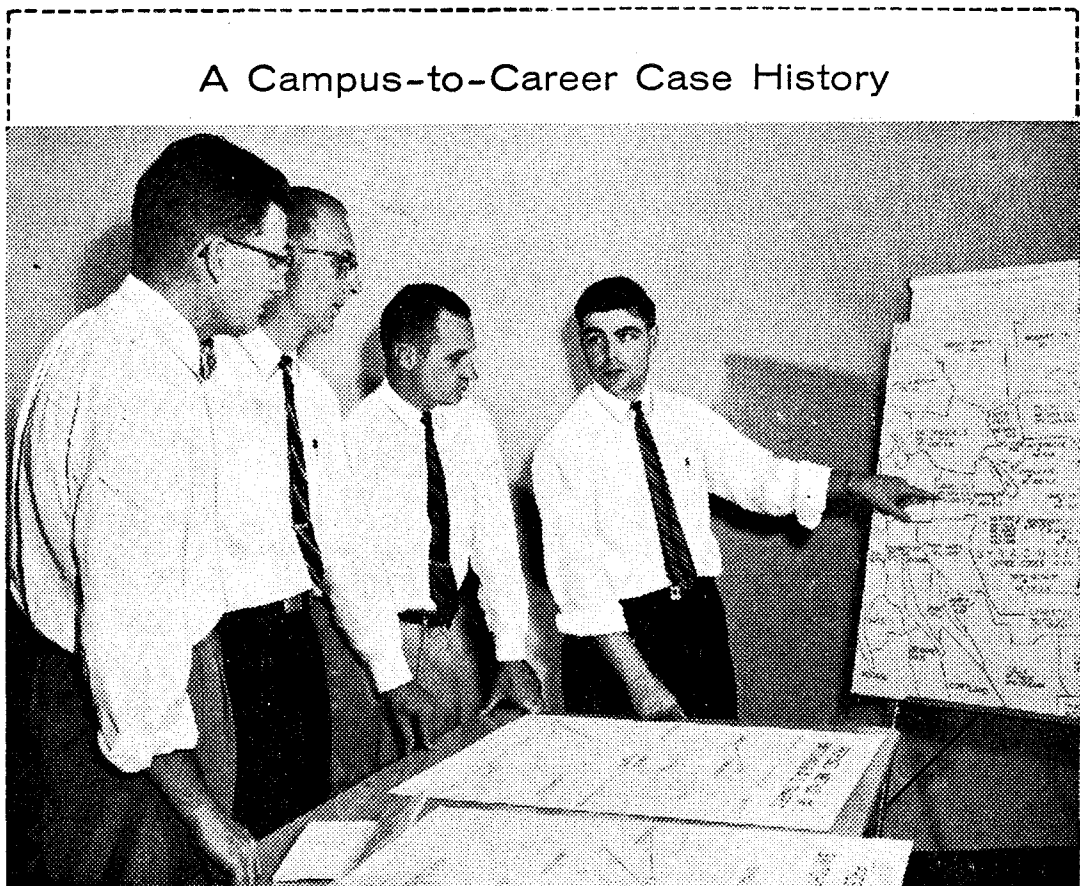
The Honor Point Committee is composed of the Business Manager, Athletics Manager, and Activities Chairman of ASCIT. This committee will accept, at a time announced by the Board, a standard application form giving a resume of activities from any student who wishes to be considered. The resume should include those activities engaged in during the period coinciding with the elected term of the Board of Directors. The actual Honor Point Committee members will be considered for awards by the remainder of the Board of Directors."

c) In evaluating the merits of the individual candidates, the Honor Point Committee will actively consult "advisers," i.e., organization officers, sponsors, and other qualified people.

d) Good records will be maintained for use by future Honor Point Committees.

In short, it is the hope of the ASCIT organization that Honor Awards will henceforth be presented on a more equitable basis to the truly deserving students. Application forms are presently available from all BOD members and house presidents. The deadline for submitting them is February 2.

Tom Jovin  
ASCIT Secretary



A Campus-to-Career Case History

Bill Burns (far right) reviews a plan for expanding Syracuse's toll-free calling area with some fellow supervisors.

### He wanted more than "just an engineering job"

William G. Burns majored in Civil Engineering at Union College. But he had his own ideas about his engineering future. "I wanted a job with a 'growth' company," he says, "where I could develop and move ahead as a member of management."

Bill found his 'growth' company—and his management opportunity. On graduating in June, 1954, he started work with the New York Telephone Company.

Six months of training and job assignments in Albany familiarized him with the Plant, Commercial, Accounting and Traffic functions of the telephone business. Then came 18 months as engineer in the Long Range Planning Group. In October, 1956, he was promoted to Supervising Engineer.

Bill was transferred to Syracuse in

August, 1958, as Supervising Engineer—Fundamental Plans, with a staff of four engineers and two clerks. In this job, he studies and forecasts the future telephone needs of customers in a 4800-square-mile area, planning from three to 20 years ahead. He then co-ordinates the development of plans to meet future needs with the various engineering groups involved. Bill calls it "management engineering."

Bill is married, has three youngsters and owns his own home. "A man has to build his own security," he says, "and finding the right place to do it can be mighty important. Choosing a Bell Telephone career was the best decision I ever made. I don't know where an ambitious young fellow can find more or better chances to move ahead in management."

Many young men, with degrees in the sciences, arts, engineering or business, are finding interesting and rewarding careers with the Bell Telephone Companies. Look into career 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.



BELL  
TELEPHONE  
COMPANIES

## The California Tech

EDITOR: Mike Milder

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

STAFF

Pete Bickel, Carl Gottschall, Gerhard Klose, Bob Koh, Sid Leibovich, Steve Langley, Roger Noll, Arny Perey, Stan Sajdera, Lance Taylor, Joel Tenebaum.

BUSINESS MANAGER: Howard Weisberg

Circulation: Neil Sheeley

Entered as second-class matter November 22, 1947, at the Post Office in Pasadena, California, under the act of March 3, 1879.

**ASCIT Notices**

# Text Of ExComm Revision Amendment

A vote on proposed revisions of the ASCIT By-Laws will be held on Thursday January 29. The following changes have been submitted by the ASCIT Executive Committee and approved by the Board of Directors, pending ratification by the student body:

**ARTICLE VI**

**The Executive Committee**

Sec. 1. MEMBERSHIP. The Executive Committee shall consist of the President, Vice-President, Secretary and Treasurer of the Corporation, and two members appointed at the beginning of third term by the above four men, with the approval of the Board of Directors. The appointees shall not be members of the incumbent Board of Directors. They shall be appointed for one-year terms; vacancies shall be filled in the same manner as the original appointments. The President shall be chairman of the committee. The Secretary of the Corporation shall serve as committee secretary.

**Proposed Changes in the ASCIT By-Laws**

**Revision of Article VI — "THE EXECUTIVE COMMITTEE."**

Sec. 1. MEMBERSHIP. The Executive Committee shall consist of the President of the Corporation and five members appointed at the beginning of third term by the President and the Executive Committee members of the previous term of office, with the approval of the Board of Directors. A minimum of one and a maximum of two of the appointees shall be members of the incumbent Board of Directors. They shall be appointed for one-year terms; vacancies shall be filled by the remaining members of the committee with the approval of the Board of Di-

rectors. The chairman of the committee shall not be a member of the Board of Directors.

**Revision of Article IV—"OFFICERS."**

Sec. 2. DUTIES OF THE PRESIDENT. Delete "He shall be chairman of the Board of Directors, the Executive Committee and a member of the Athletic Council" and substitute "He shall be chairman of the Board of Directors and a member of the Executive Committee and the Athletic Council."

Sec. 3. DUTIES OF THE VICE-PRESIDENT. Delete "He shall be a member of the Board of Directors and the Executive Committee," and substitute, "He shall be a member of the Board of Directors."

Sec. 4. DUTIES OF THE SECRETARY. Delete, "The Secretary shall keep a record of the proceedings of the meetings of the Corporation, and the Board of Directors and the Executive Committee," and substitute, "The Secretary shall keep a record of the proceedings of the Corporation and the Board of Directors."

Sec. 5. DUTIES OF THE TREASURER. Delete "He shall be a member of the Board of Directors and the Executive Committee" and substitute "He shall be a member of the Board of Directors."

**STATEMENT BY EX-COMM**

"The purpose of these proposed revisions is to make the Ex-Comm better able to accomplish its primary function: that of investigating and advising on long-range, student body problems.

"As an advisory committee the Ex-Comm should be responsible to the BOD but not dominated by it. In its present form, however, four of its six members

also serve as elected ASCIT officers. The proposed changes would reduce the number of BOD members on the Ex-Comm to a maximum of three and would provide greater flexibility in choosing them from among the nine Directors. The outgoing committee and the new ASCIT President would be able to choose those BOD officers most interested and qualified to serve on Ex-Comm instead of having Ex-Comm membership an automatic part of certain elected offices as at present.

"Under the new changes the ASCIT President would remain an ex-officio member of Ex-Comm, but not its chairman. This year's committee felt that chairmanship outside the BOD would reduce duplication between the two groups and would encourage independent and creative thinking by Ex-Comm.

"All students should think about these proposed changes in the By-Laws and vote on January 29."

# Jazz Beat



by Lloyd Kamins

**Dizzy Gillespie at Newport**

Verve MGV-8242, featuring: Dizzy Gillespie, Lee Morgan, E. V. Perry, Carl Warwick, Talib Dawud, trumpets; Melba Liston, Al Gray, Chuck Connor, trombones; Jimmy Powell, Ernie Henry, Billy Mitchell, Benny Golson, Pee Wee Moore, saxes; Wynton Kelly, piano; Charlie Persnip, drums; Paul West, bass.

This is perhaps one of the best recordings of the fabulous new big band of Diz. This is the band that has been blowing overseas for the U. S. State Department. Far more than Armstrong, Dizzy deserves the title of the Ambassador of Jazz. Like the band swings.

**Diz Soars High**

The arrangements are tremendous, the supporting soloists are good and all that but Diz makes this set. His pulsating driving horn whips the band into frenzy.

Everybody else is down there digging in and swinging, but Diz is way up there flying home to Daddy. The solo starts high, tense, and excited, but after a long, extended flight in the clouds, Dizzy makes it back to the ground and the land of oola-dee. After that as soon as the impatiently waiting band meets Diz coming down everything just moves along till the end of the track. Diz relaxes then, having a ball and being just where he should be all the time with a big, driving band for accompaniment.

An extreme propulsive force is Diz's greatest jazz asset, but one certainly can't ignore his wit. Diz is one of the best comedians of music. Exuberant and overflowing himself, he makes all around him happy. He clowns, he jokes, he consistently fools around. Diz has been fired from

(Continued on page 5)



**Our roots go deep in the growing areas served by America's second largest telephone system.**

America is building big out where the grass roots grow. New industries, new businesses, and new homes are springing up where there's elbowroom. And these are the areas where General Telephone is a citizen of long standing. From a small beginning, Gen Tel has grown with the countryside. Today our 1,745 exchanges in 30 states provide modern service for 3,359,000 telephones. Our lines carry 119 million conversations each week. And we're adding 750 new phones every day. It takes a pair of seven-league boots to keep up with the growing communities in Gen Tel territory. That's why Gen Tel is investing almost \$200 million this year in the new facilities required to meet the ever-increasing demand for more and better telephone service. America's big promise is in Gen Tel territory. And Gen Tel is doing its part to meet it.



**GENERAL TELEPHONE**

**RAMO-WOOLDRIDGE**

*invites*

**ADVANCED DEGREE CANDIDATES**

- in* **ELECTRICAL ENGINEERING**
- PHYSICS**
- MATHEMATICS**
- MECHANICAL ENGINEERING**

to discuss with members of our Technical Staff professional research and development opportunities in the following general fields:

- MISSILE ELECTRONICS SYSTEMS
- ADVANCED COMMUNICATIONS
- INFORMATION PROCESSING SYSTEMS
- DIGITAL COMPUTERS AND CONTROL SYSTEMS
- ELECTRONIC INSTRUMENTATION AND TEST EQUIPMENT
- BASIC ELECTRONIC RESEARCH
- ELECTRONIC RECONNAISSANCE AND COMMUNICATIONS
- MICROWAVE TECHNIQUES
- OPTICS AND INFRARED
- AIR NAVIGATION AND TRAFFIC CONTROL
- ANTISUBMARINE WARFARE
- ELECTRONIC LANGUAGE TRANSLATION
- NUCLEAR ENERGY APPLICATIONS
- APPLIED MATHEMATICS
- BASIC AND APPLIED PHYSICAL RESEARCH

Appointments for interviews on Monday and Tuesday, February 2-3, can be arranged through the Student Placement Center.

**RAMO-WOOLDRIDGE**

P. O. Box 90534, Airport Station • Los Angeles 45, California  
A DIVISION OF THOMPSON RAMO WOOLDRIDGE INC.

## CAMPUS BREWINS

### Interrupted Melody

After pleasant evening of social chit-chat, Grundle Casein prepares to take leave of wench. He stands on porch, gazing deep into soulful eyes. Soft, warm face moves close, flutter of eyelids reaches audible frequency. Moments of consummation is at hand, when . . . car stops in front, troll yells greeting to wench. Wench pales, continues smooth uninterrupted motion to whisper softly in Casein's ear, "Oops!"; calls friendly greeting to troll as sound of gnashing teeth fills background. Casein bids sorrowful goodnight, roars off into blackness on murder-cycle.

### Unvarnished Truth

Gross slander fills the quiet air of Scurvy lounge while random clod stands talking of diverse subjects to LA County hypobroad and friend. Name of one D. Hungmaster is heard;

clod inquires if troll spoken of is known by two females. "Oh Yes," chirps hypobroad, "I know all about D. Mungmaster. He's oversexed!" Miasma of silence, broken by sound of random twitching, settles quietly over group while clod ponders confirmation or denial of statement.

### Papal Bull

Beak hears that dread foot-in-mouth disease is striking down trolls right and left. Seems that Phlegms Down Tubing and Glug McDrain, being out of female stock for the evening, made use of K. Klapp's Skag Service to obtain companionship for Interalley Potty last Friday. Tubing and McDrain, plus dates, are quietly sitting in womb of Terk Trollson; conversation turns, as ever, to comparative religion and merits of Vatican Vassals. Our heroes, taking their usual viewpoint, have no hesitation when it comes to obnoxious blathering on such matters. Dis-

cussion reaches new heights; alternatively descends to unheard-of depths of backstabbing. Final scene: Tubing turns to date, asks, "Well, and what do you think?" Muted clicking of polished wood is only reply. Curtains.

### No Sweat

Strolling gaily by Scurvy House, arm in arm at peace with the world, Insidid Schlunk and date Rotten Gleet peer at at softly glowing window above. Suddenly torso of Churl Morass appears in window neatly attired in tight-fitting birthday suit. Morass greets happy pair. Gleet replies, "Hi, Churl, aren't you wearing any clothes?" "How could you tell?" queries Morass. "We could smell your pit from here," suavely answers Schlunk. "Oh, Insidid," squeals Gleet, "you're crude!" "That's okay," burbles Morass, "you would have said it yourself if he hadn't."

## Amiin And The Arts

By Joel Amiin

This week I would like to give a word or two of comment on our literary magazine, *Totem*. It is a shame to waste so much paper even if the act of disposal—even call it elimination—occurs pseudo-semi annually.

The opening short story "The Breathing Smile," was interesting because of its fantastic lack of originality, its utterly monotonous tone, and the regularity of its cliché period. (Amiin's note: my term of interval between clichés. From now on I print my own Guide.)

The second piece, "The Little Girl's Tale," was just that.

Next were two succinct poems. The first one is hardly worth mentioning but the second has the dubious distinction of being the best piece in the maga-

zine. I think Blandford has really said what he wanted to say quite well.

### Smears Tell All

Just as one tells just what others have had for breakfast through the smears on their chins one can see after reading the next two selections just what certain people have been reading even for the last 20 years. Langston's poem isn't so bad. At least it would never make the Saturday Evening Post. But "Ambushed" is the tritest thing since page 10. If I need to see the clear, calm light of courageous eyes I can always get it clearly and calmly from James. I can even go to the movies. Where Langston at least clearly comes out with his mono-level idea, Harris writes to see if he can think. My sympathies.

The poem, "Sloth," by Don Wood, has been derided and literally ground under foot, and perhaps in its present form it deserves the treatment. But I think he was on the track of a good clear idea, and it looks as though he just forgot or was too lazy to rewrite two or three more times. ". . . truth love freedom, etc.," don't quite strike a responsive chord; the words should have been hard and strange enough to grasp the attention.

### English 100

The next piece, "Elegy," Co-Editor Morton's English 100 theme, was appropriately followed by "Idiot Moon," a poem I don't want to comment on, since Blandford obviously never intended it to leave his desk. Writes Morton in his second line: "How am I to answer from the smallness of my seeing?" He then substantiates this statement by proceeding to show in the next seven pages and 10,000 words just how small his seeing is. The utter meaninglessness of the trivia, he manages to disgorge, reminiscent of several people who expressed themselves at greater length and with more expression, is wonderfully insipid. He easily made his point. Now I've got to go read "Leaves of Grass" again. I wonder if they were right about Whitman?

### An invitation to

## Engineering and Physical Science Majors

Lockheed Missile Systems Division is systems manager for such major, long-term projects as the Navy Polaris IRBM, Q-5, X-7, Army Kingfisher and other important space, research and development programs. The Division was honored at the first National Missile Industry Conference as "the organization that contributed most in the past year to the development of the art of missiles and astronautics."

Headquarters for the Division are located at Sunnyvale, California, on the San Francisco Peninsula. Research and Development facilities are in the Stanford Industrial Park in nearby Palo Alto. Other Division locations are at Van Nuys, Santa Cruz, and Santa Maria, California; Cape Canaveral, Florida; Alamogordo, New Mexico; and Hawaii. Together, they provide complete facilities with the latest scientific and technical equipment, including one of the most advanced computing centers in the nation. Employee benefits are among the best in the industry.

### Graduate Study Program

For those who qualify and desire to continue their education, the Graduate Study Program enables them to obtain advanced degrees at the University of California at Berkeley, or Stanford University, while employed in their chosen fields at Lockheed.

Our college representative  
will be available on campus for interviews on  
**JANUARY 22 and 23**  
For appointment,  
please see your Placement Director now.

## Lockheed

MISSILE SYSTEMS DIVISION

SUNNYVALE, PALO ALTO, VAN NUYS, SANTA CRUZ, SANTA MARIA, CALIFORNIA  
CAPE CANAVERAL, FLORIDA • ALAMOGORDO, NEW MEXICO

### Welcome to

**THE CAMPUS  
BARBER SHOP**  
(In the Old Dorm)

**ALL HAIRCUTS  
\$1.50**

Two Barbers to Serve You

Drugs Sundries Cosmetics Tobaccos  
**CALIFORNIA REXALL  
PHARMACY**

555 S. Lake SY 2-3156  
Breakfast Lunch Dinner

### CROWN

129 N. Raymond SY 6-3131

"I WANT TO LIVE," with

Susan Hayward

2nd Feature—

"PARTY GIRL," with

Cyd Charrise

# Cool Sec Digs Tech

By Griffen

Like I walk into Student A —counts up there on the second floor of the Throop building—if you come in from the bottom it's the big third floor like—to look into some dimero that I'm hung up for. Man the draggiest scene turns wild when I see this crazy shape hunching over slips of yellow and pink and white slips of paper over near the window.

Like I'm not shy so I tip my hat and give my loving smile—

## Jazz Beat

(Continued from page 3)

many a band for his humor and his seeming lack of seriousness, but now he runs the band, and the band clowns right along with him. He takes 10 minutes introducing a soloist who plays four bars, and follows that with a quote from Lawrence Welk. Irrepressible, he is consistently having fun—and it's catching.

Diz has been around for a long time, and he's been blowing what is now called modern jazz since '41, but he's in his golden age right now. His lines, jagged, complex and possessing innate rhythm, are far improved compared to the days when he blew with Bird. He's learned how to get the most out of his support, constructing chopped and involved and then long and flowing solos out of the riffs laid down by the big band.

Dizzy's treatment of ballads is superb. On this album his soul shows through on **I Remember Clifford**, the moving requiem for Clifford Brown. The song, with its bittersweet changes from major to minor, is intrinsically beautiful. It has fullness, and it has rapture. The composition of the talented Benny Golson, **I Remember Clifford**, intermixes pain with pleasure, as does life itself. The sorrowful minor seems to be warranted by the full, rich strains of the major, and the prevailing mood is one of exquisite reminiscence.

### A Traveesty of Jazz

Some mention should be made of the extravaganza appearing on TV last week, the Jackie Gleason Three Ring Jazz Circus. It is disturbing to consider that to the public the climax of jazz is 45 horn men screaming out **When St. Vitus Comes Marching In**. Louis, the absolute ham, did his best to steal the show, but was cut by some insignificant, unnamed Dixieland hornman. Moreover, Gillespie infuriated him, to my great amusement. Louis traditionally finishes a performance by seemingly bursting his lung playing the highest notes the horn allows. This time, however, Diz was there. Diz was at least one octave above Louis at all times and, far from giving his all, was trying to stop from laughing. I don't mean to promote excessive range as a criterion for musicians. The absurd, and almost pitiful exchange of fours between Louis and Diz settled that matter.

the kind that makes the whole world beautiful — and she couldn't help smiling back. Man I said how does a quiff like you take this drag scene day in and day out for more than a year and commuting and all that jazz?

"Well I like it," she answered. Like whatta you mean, you



Helen Quick

"like" it? How can you dig filing and checking all these crazy department material requests? How can you dig punching the time clock every day at the same time, and driving the same streets twice every 24 hours? Man, a swinging chick like you should be out living.

"Well, I really like this work."

No. No—it doesn't swing at all. Man you're only 22 years old and your name is Helen Quick and you're for security already while the razy world goes by havin' a ball and you miss the scene. All those cats know. Like they know what life means and how beautiful it can be and they dont worry about the future because there is no future — it's all right now. How can you know that the outside is awaring it up while you pile up the yellow and white and pink slips?

"Well, it pays pretty okay."

Like I said, baby, this place swings. With my brains and your shekels we could go far . . .



By Griffen

Ah, Spring! Only three weeks to Valentine's Day—an arrow is in your heart. Life is good. You don't go to class anymore, because it doesn't matter. Caltech becomes sleeping, eating and waiting for those foggy nights. After all, existence precedes essence, and finally, tired of three years of misery, you're living—you're happy. Love drives you to new and better things.

One of those foggy nights . . . you are meditating in your pad when lo!! you find the answer: A new drink. And you call it . . . Scotch on the Rocks.

Scotch on the Rocks

3 or 4 small, variously shaped pieces of quartz, orthoclase, plagioclase

2 jiggers Scotch or bourbon

Clean the rocks very thoroughly with Brillo and hot water. Then soak them in a little Scotch or bourbon, chilling them afterwards in the freezer. Pour whiskey over the frozen rocks. Voila.

The rocks are reusable.

# Shilling Scandals

(Continued from page 2)

the story of the fellow who spent a whole night an unwelcome fellow-traveler with a turnip topper and tailer, and this year bejants spent their whole skite warchest on railroad fare back to St. Andrews. There is also a day called Raisin Monday. Each bejant has a tertian or magistrand who acts as a sort of big brother and adviser and to whom by ancient tradition he must give one pound of raisins on Raisin Monday.

He is then given an elaborately worded receipt in Latin by his big brother, which is usually devoted to insulting the bejant. On this day the bejant may also be required to sing at any time the four verses of the Gaudie (Gaudemus Igitur), and one is treated to these solo performanes all day — at meals, in lasses, on the streets of the town.

As a transfer I was technically a bejant for the first term (next term I acquire the exalted status of an nth-year man) but as a foreign student I was out of most of the nonsense.

(To be continued)

**SENIORS AND GRADUATE STUDENTS  
IN ENGINEERING,  
PHYSICS AND MATHEMATICS**

*The Douglas Aircraft Company*

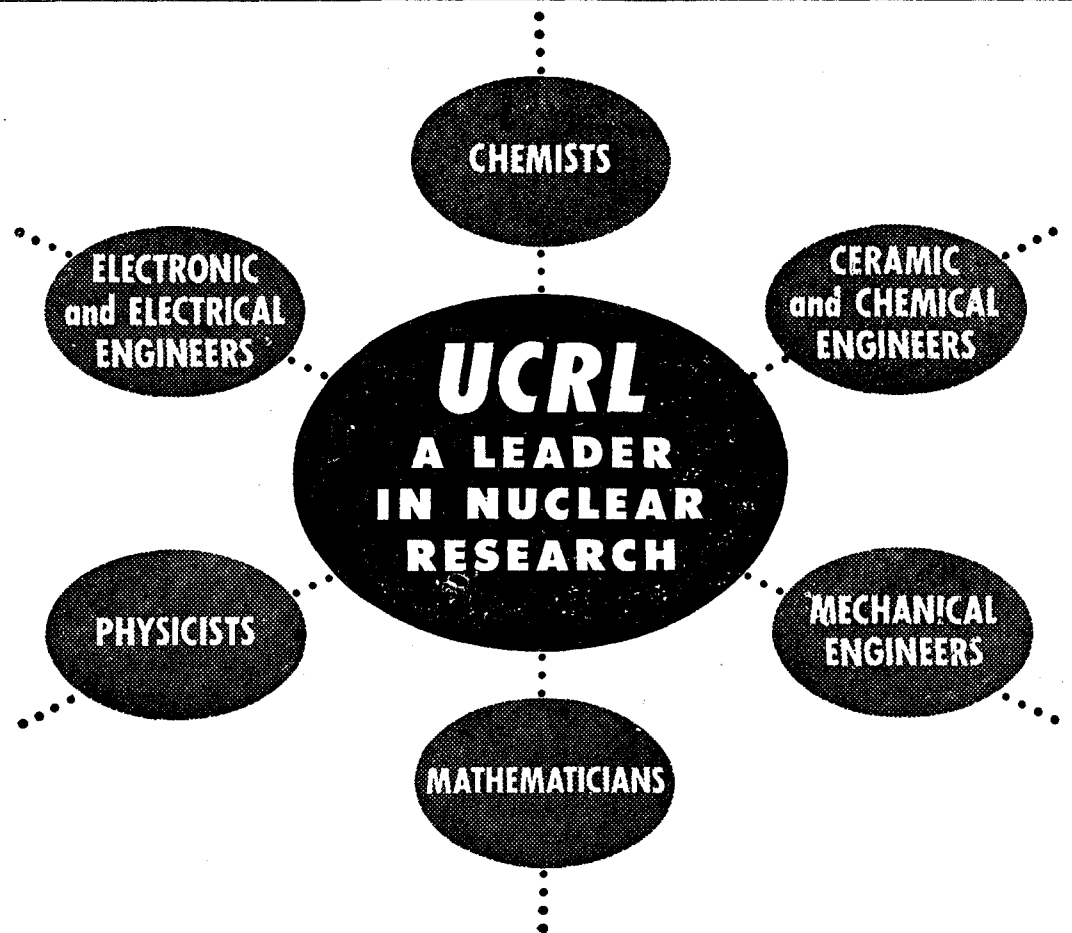
**INVITES YOU TO  
ON CAMPUS INTERVIEWS**

**JANUARY 28, 29, 30**

Find out about the interesting positions, assistance in furthering your education and outstanding promotion opportunities with the world's leading manufacturer of aircraft and missiles. Get facts on living conditions, research facilities and opportunities to advance professionally at Douglas facilities located in California, Florida, Oklahoma, North Carolina and New Mexico.

Reserve your career decision until you have talked with the Douglas representative. It may be the most important interview of your life.

**SEE YOUR DIRECTOR OF PLACEMENT  
FOR YOUR INTERVIEW APPOINTMENT**



**THURSDAY, MARCH 12**

**a UCRL staff member will be on campus to answer your questions about employment opportunities at the Laboratory.**

Our scientists and engineers, with outstanding achievements in the field of nuclear research, are currently at work on diversified projects such as:

- Nuclear devices
- Basic particle physics
- Nuclear powered ramjet propulsion systems
- Controlled thermonuclear reactions (now unclassified)
- Engineering and scientific application of nuclear explosives to mining, excavations, and power

The finest facilities, and encouragement to exercise creative thinking and imagination, are offered qualified graduates interested in research careers.

Call your placement office for an appointment.



## STATE

A Fox West Coast Theatre  
770 E. Colorado SY 2-7139  
• 2 GREAT HITS •

### TONKA

Staring Sal Mineo  
and  
TOM THUMB

# Oxy, Claremont Loom Next On Varsity Cage Schedule

## La Verne Defeats Beavers 69-51

The varsity cagers will try again this weekend to break into the victory column, hosting Oxy Friday night and traveling to Claremont to play Claremont-Harvey Mudd Saturday evening.

Led by junior college transfer Mike Murphy, the Tigers have amassed a 6-won, 5-lost season record, including a 76-48 trouncing of Pomona and a 74-62 win over UC Riverside. Oxy's only conference defeat came at the hands of powerful Redlands, 91-76.

Comparative scores give a glimmer of optimism about the Claremont tussle however, CMC-Mudd having lost to Pomona by 6 points and to Redlands by 55. The Beavers outplayed Pomona last Saturday and came within 17 points of Redlands.

LaVerne's scrappy five pulled away in the final minutes to topple the Beavers on Tuesday 69-51. The victors' full court press rattled the Caltech offense into some bad shooting and much fouling, which LaVerne converted at the free-throw line. The Beavers were outscored in charity tosses 25 to 11.

## Pomona Edges Cagers In Closing Seconds

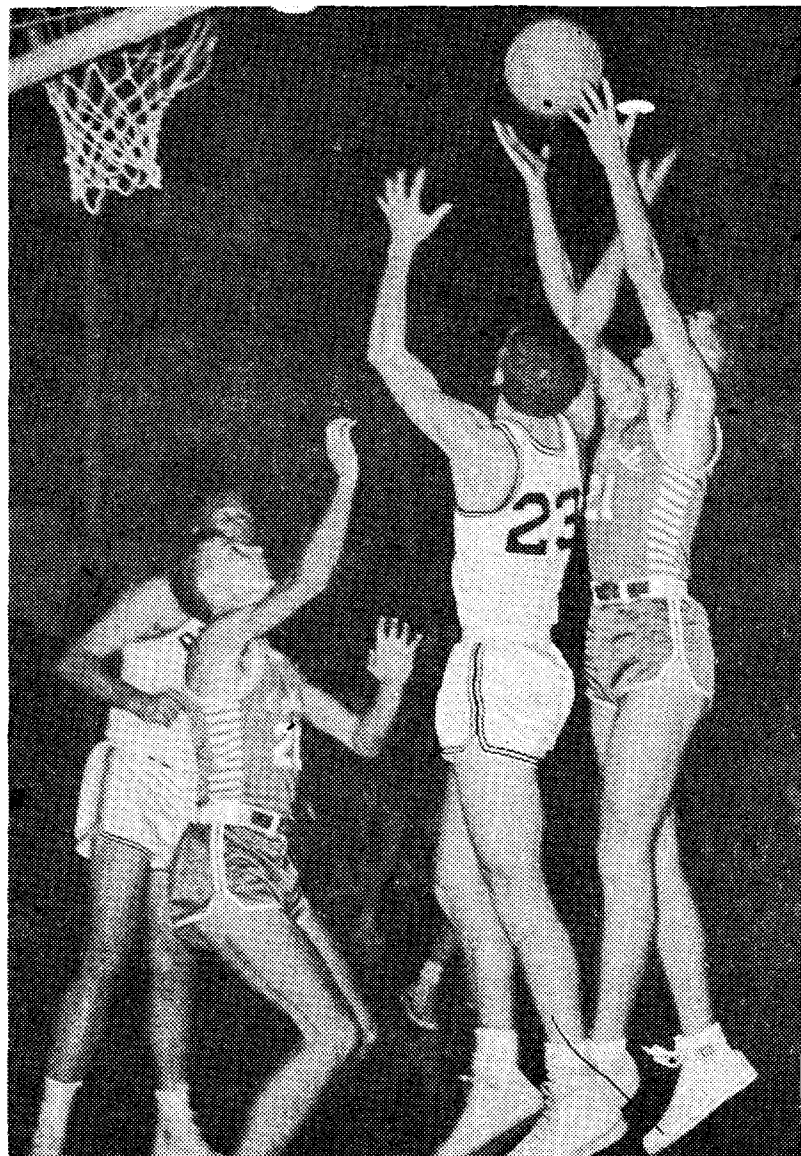
Pomona's quintet handed the Beaver's their sixth consecutive defeat Saturday night, this time in a 57-56 last-second thriller.

Substitute Pomona guard Don Haylor, having been pressed too tightly by the frantic Tech guards, dropped two perfect free throws through the net with 14 seconds showing on the clock to ice the win.

### Blow 15-Point Lead

A final tip-in by CIT Center Bill McClure then cut the margin to the final one-point edge.

The underdog Beavers playing their sharpest ball of the year, had led 35-26 at the half and moved to a 15-point advantage at the midway point of the second half, led by red-hot John



Playing their best ball of the year, Tech forwards Larry Brown (right) and Len Maley outmaneuver taller Pomona, cagers to control rebound. Although leading most of the way, and at times by as much as 15 points, the Beavers lost in the closing seconds 57-56.

Oxy will be here tomorrow night and Claremont-Harvey Mudd on Saturday, with Tech rated a good chance to win one or both.

Stene and Larry Brown. But then Pomona took heart from a relaxing and soon panicky Tech defense to net 12 straight points without a return, setting the stage for the final heroics.

Caltech (56)			
	G.	F.	T.
Brown	4	2	10
Stene	7	4	18
McClure	4	0	8

Blakemore	1	2	4
Holland	3	2	8
Maley	2	0	4
Ripka	1	0	2
Shampine	1	0	2

## Pomona Whips Frosh Cagers In Double-Overtime Thriller

Suffering the same fate as their varsity counterparts, the frosh cagers saw a half-time margin fade as they dropped a double overtime, 69-61, decision to Pomona last week end.

An inability to convert at the foul line, plus lack of bench strength, spelled doom for the Tech visitors. Holding a half-time advantage of 30-22, the frosh fell back to a 51-51 deadlock at the close of regulation play. After the initial 5-minute overtime period, the scoreboard showed a 57-57 stalemate.

### Fouling Hurts

With two starters gone via the foul route, the little Beavers faltered in the final overtime. With less than a minute remaining the score read 63-61, Pomona, but a rash of Tech fouls settled the issue.

The Techmen could only connect on 17 of 38 chances from the charity stripe in setting their seasonal salte at 24. The losers

swished only eight of 23 foul tosses in the final half to let Pomona creep up.

### Clough Paces Scores

Gerry Clough, season-long top scorer for the Techmen, pumped in 18 markers, 12 in the final half, to lead the losers. Roger Noll, 6-4 center and leading rebounder, flipped in 15 points to gain the runner-up slot. For Pomona, forward Levy connected for 25 points.

Dean Gerber, starting guard, fouled out with eight minutes remaining and the loss hurt Tech chances. The victors utilized an over-all height advantages, coupled with alternating units, to surge ahead in the final half.

Starting forward, Al Armstrong failed to dress and will be lost for the remainder of the campaign due to ineligibility. Frank Ridolphi moved into a starting berth, rounding out the first five of Clough, Noll, Gerber and John Arndt.

# Sports

## AS I SEE IT

### Poets Top Redlands With New Starters

By Russ Pitzer

The league doesn't seem to be following the predictions I made two weeks ago, but all is not lost.

The main surprise was the Redlands-Whittier game last week. Whittier gained a sound 57 to 49 victory. My prediction had been Redlands first, Whittier second, but it looks like the two teams will trade places.

Whittier has been able to compensate for the loss of most of their men from last year's team. In addition to Carroll Hooks, their returning second team all-league guard, they have a tall sophomore center, who holds the second frosh scoring record, and several junior college transfer students of whom Mason, a forward, has looked the best.

Redlands, when they played here, had good ball-handling and a good fast break, but they lacked a consistent outside shooter and their defense was a little weak.

The rest of my predictions still look intact. Junior college transfers have also helped Redlands and Occidental. Occidental's Mike Murphy from Pierce JC has become the leader of the team and also is first man in scoring with an average of about 20 points per game.

Pomona has developed a team that really hustles in the clutch as Caltech and Claremont-Mudd found out. Their team is big and strong, although not especially tall.

### CONFERENCE STANDINGS

	W.	L.
Whittier	2	0
Redlands	2	1
Occidental	1	1
Pomona	1	2
Caltech	0	2

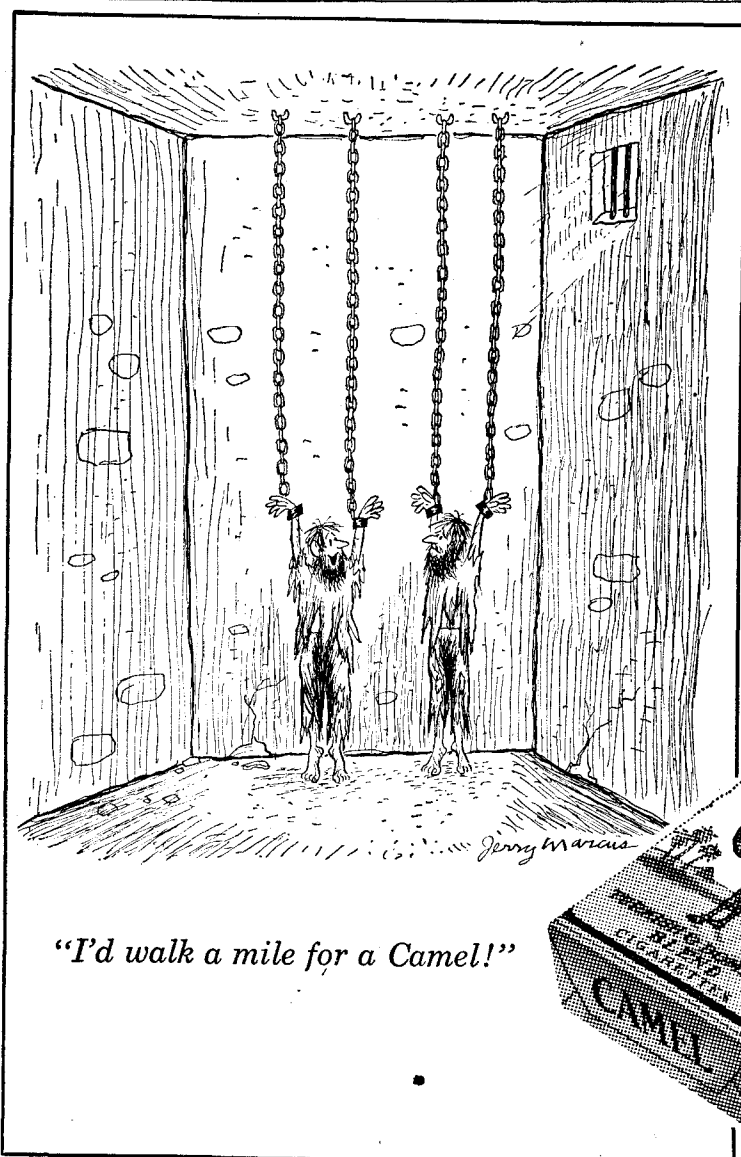
### SCHEDULE

- Jan. 21—Pomona at Redlands
- 23—Occidental at Caltech
- 24—Caltech at Claremont-Mudd
- 31—Caltech at Redlands
- Feb. 7—Pomona at Caltech
- 11—Claremont-Mull at Cal
- 11—Occidental at Whittier
- 11—Redlands at Pomona.

## Flems Win Trophy From Ricketts in Volleyball Meet

Tuesday evening Fleming's Big Red struggled to a Discobulus challenge volleyball victory over Ricketts. The Klokemen, led by Bob Langsner, easily took the first game 15-5. A stubborn Ricketts six fought back to edge a 15-13 win, however, in the second contest, thus throwing the match into a third and deciding game. In the final, Fleming outspiked Ricketts for a 15-11 win.

Don Wiberg's outstanding spiking as well as his all around fine play made him the star for the winners, while Ed Evans and Dick Long played outstandingly for Ricketts.

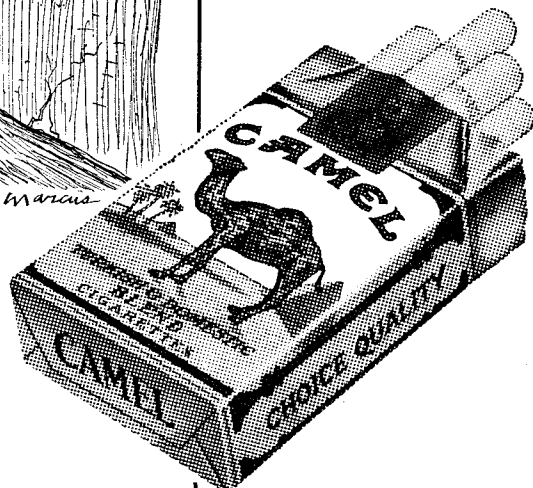


"I'd walk a mile for a Camel!"

More people want America's real cigarette than any other brand today. For 10 straight years, Camel has been the top-selling cigarette of all. The Camel blend of costly tobaccos has never been equalled for rich flavor and easygoing mildness. The best tobacco makes the best smoke.

Cast off the fads and fancy stuff...

Have a real cigarette—have a CAMEL



R. J. Reynolds Tob. Co., Winston-Salem, N.C.