The California Tech
California Institute of Technology
Volume LX.
Pasadena, California, Thursday, November 6, 1958
Number 7

Houses Hustle Decorations For Saturday’s Big Blast

With the optimistic view that everything turns out all right in the end, decorators for next Saturday’s Interhouse Dance are frantic about lowering the 32-foot archway with the usual late-scheduled office. Official attire for the dance, which starts about 10 p.m., will be “Vogue dress.”

In carrying out the theme of “St. George and the Dragon,” Blacker House has planned a scene of Ye Old Days. The courtyard will be transformed into the interior of a castle, complete with shield and suit of armor, while the dining room will be a 15th-Century wine cellar. There will be room for dancing in the lounge.

South Sea Islands

The South Sea Islands will be depicted in Dubney House. The courtyard will feature a “real grass” grass hut, a moonlit bay with an alligator (to discourage moonlight swims), and various real and better than real birds, including a talking parrot. The lounge will be a sacrificial altar, with periodic buns and sacriofce.

An outstanding Flamenco guitarist, Mariano Varegen, will be included in the Fleming House decorations which are being supervised by a Spanish guitarist who will appear in the Fleming dining room, which has been converted into a Spanish cafe. The lounge will be a bull ring while the courtyard will be an old Spanish mission. The exterior walls of Fleming facing the Fleming-Ricketts courtyard will be covered with stone fronts of old Spain.

In the Fleming-Ricketts courtyard there will be extra dancing room with music provided by a band sponsored jointly by Ricketts and Fleming.

Andra Lake of the Los Angeles Baroque Players will press the year’s second chamber music recital in Dubney Lounge Sunday evening at 8:15.

Comprised of Nathan Bass playing the violon; Joseph Reilley, viola; Leonard Kruglic, cello; Burnett Atkinson, flute; and Carol Rosenblatt, harpsichord, the group will present short compositions of Scarlatti, Bach, Telemann, Reusner-Stanley and Buxtehude, Reid, Fiocco, C. P. E. Bach, and will be introduced during the meal. Coach La Barge will speak on “Tech in the past four years. Over 70 men are expected to attend.

According to Mr. Harlan J. Nissen, chairman of the steering group, the Parents’ Committee plans to enlist support not only from Southern California parents but throughout the country. Its long-range objective is to organize a permanent corps of parents who will be in close touch with Caltech affairs and active in financial support of the Institute.

The immediate fund raising goal of the Parents’ Committee has been announced as $100,000, which, it is hoped, can be raised from parents and their personal and business acquaintances.

New Debaters

Win 12, Lose 4

Four Caltech novice debate teams compiled a 75% won-lost record at their first tournament last Saturday.

Attending the Novice Debate Tournament at El Camino College were Carl Hamilton and Carl Rovainen, Gary Lorden and Andy Runkel, Rip Thorne and Dave Jefferson, and Laney Taylor and Sid Leibovich. The tournament was the first college level debate for all participants.

Hamilton and Rovainen led the Tech teams with four wins and no losses, Lorden and Kukla and Thorne and Jefferson had three-one records, while Leibovich and Taylor won two and lost two.

Accompanying the orators on the trip was Dwight Thomas, debate coach.

This Friday and Saturday several Tech debate teams will participate in a practice tournament at Los Angeles City College.

Brins To Speak

At CCF Meeting

Mr. Robert Bruns, a research engineer at the Jet Propulsion Lab, will be the featured speaker at a meeting of the Caltech Christian Fellowship Monday night. Bruns will speak on “The Relationship of College Standards to Christianity.” The meeting will be held at the Powell’s residence, 1401 East San Pasqual.

All Caltech students are invited to attend.

Applications Needed For SRC Opening

Up to ten students will be appointed to the Student Faculty Relations Committee in the near future, according to Dr. Thomas Lauritsen, committee chairman. Interested students should turn in written applications to Gus Akselrod, Mike Miler, or Dr. Robert Langmeir in the next few days.

The committee acts as a body for pooling student-faculty opinion and institutes joint action between student body and faculty members on needed improvements.

Caltech To Represent Japan

At Model U.N. Next Spring

Caltech will represent Japan at the Ninth Annual Pacific Coast Model United Nations which will be held at U.S.C. next May.

Delegates from colleges and universities in eight western states will take part in the four-day conference. Over 80 of the UN delegation are considered within a mock or assembly.

Caltech students will make up the Japanese delegation which will take part in the four-day conference. Over 80 of the UN delegation are considered within a mock or assembly. There are believed to be at least 150 students participating.

New students have been chosen as semi-finalists for Queen of Hill St. and San Pasqual. The fathers, gathering from all over the country, are those of presidents.

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Y Plan’s Auction Of Lost and Found

The swelling Lost and Found box in the YMCA office will be emptied by auction unless students pick up their lost objects by Saturday, November 26, according to Bob Blandford, Y president.

Among the lost objects at the Y are several coats and jackets, an umbrella, gloves, sweaters, glasses, pens and pencils and six slide rules.

Fifteen Beauties Vie For Queen

Fifteen beautiful women have been chosen as semi-finalists for Homecoming Queen. Three girls, who have been eating dinner in the Student Houses for the past four nights, will be narrowed down to five finalists on the basis of elections to be held tomorrow.

The Queen will be chosen from these five in another election, and will be introduced during Homecoming ceremonies, Friday, November 12.

Meanwhile other Homecoming events are starting up under full power. According to Ken Dinwiddie, ASCIT Social Chairmen, the Queen’s Game will be served at 6:15 p.m. the night of Homecoming in Fleming and Ricketts lounges for the pleasure of the student guests with dates. Other students will be served in Blacker and Dubney.

During the meal, Coach La Barge will give a short speech on the game outlook, and the Caltech Glee Club will present a brief program.

Shortly after 7 p.m. buses will leave for Oxy from the corner of University and California. The journey will be held at the Powell’s residence, 1401 East San Pasqual.

Costs for the evening will be $1.25 for date’s meal, $1.50 for date’s game ticket and $1.00 for the Queen’s Game ticket and $1.00 for the Queen’s Game ticket.

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The search for a Homecoming Queen grunted to a start Sunday when candidates visited Dubney Garden to meet their prospective suitors. The Queen’s Game taken for the California Tech was posted on the various campus bulletin boards. That night the finalists will again eat dinner in the student houses, and on Thursday the California Tech will publish additional information on each girl. Thurs.

(Continued on page 10)
Fineman’s Shilling Scandal Sheet
Probes Secrets Of British Society

Fulbright Scholar Joe Fineman '58 continues his series of correspondences on life in the British Isles.

London September 22, 1958

(Continued from last week)

ANYWAY: Wednesday night I heard an all-Beethoven London Philharmonic concert (Gunnar Blom, guest conductor) at the Royal Festival Hall—a fantastic, modern, multi-tiered structure with lots of plate glass, overlooking the Thames; Thursday at the Globe, Emily Williams reading Dylan Thom­
as, mainly A Boy Growing Up—some of the funniest description I have ever heard.

Since dinner is not provided at the College, we have to go out to eat, which gives considerable incentive to get around. Only one familiar face in the crowd: Baird Brandow (Fleming '37, Pt. Birmingham) whom I met after the Commission reception in New York.

I switched to steering on the ship and have pretty well got used to the money, but of course not having a feel for what is ex­pected, I have to do a good deal of mental arithmetic figuring American equivalents. I did manage to confuse one post-of­

cice clerk who, never suspecting that by “40 threepenny stamps” I meant “40 shillings,” started to give me 41 l.d. stamps.

It is something of a different language; I notice especially that many of the technical con­

veniences that were invented after the revolution have diver­
gent names—an underpass is a subway and a subway is an un­
derground, a mechanical pencil is a propelling pencil etc.

Many of the arbitrary conveniences are different from Amer­

can ones; not only do British traffic rules to the left and Brit­

tish electronic go counter­

wise in cyclotrons, but British­

ish electrons go counterclock­

ise, mechanical pencil etc.

That’s the modern British way. The police are courteous, but British traffic rules to the left and Bri­

ish电动s go counterclock­

ise; the policemen do not shout insults; and every day there is a new story from some amated American who, for example has asked a bus driver how to get to certain street and has been shown directly to it by some­

one who insisted on getting out of the bus in the middle of his journey to do so. Imagine that happening in New York.

The British speakers we have heard have mostly said that the Briton’s reaction to a stranger is warm but at the same time deep.

(Continued on page 4)

You Are There

Behind The Scenes At The
Queen Candidates’ Tea
by Carnot

Oh, by the way, there was a tea for the Homecoming Queen candidates in the garden behind Dabney Hall on Sunday. The girls were there primarily to have their pictures taken for the usual campus publicity.

The sources of these girls are very varied this year, and it must be said that Monsieur Dinwiddie has given the campus something to think about for the next two weeks. Scripps, P.C.C., and U.B.C. are all ably represented.

No Tea at the Tea

Getting back to the tea, there really was no tea there at all. There was Bugs Bunny punch, however. Besides the pseudo-tea there were about twice as many Techmen as girls. Their purpose was to entertain the girls—you know, conversation and all.

Unfortunately, a great many of the entertainers seemed to think that this was sort of an exchange, and, well, you know, Techmen are very competitive, so the idea became twofold. First, impress the girl out of her mind; then when she was reeling under this onslaught, get her to take a look at the campus with you. Better still ...

Girls Learned Plenty

Some of the girls were pretty interesting. Too bad they didn’t get to say much. But they learned plenty. Bet they are back at Scripps, P.C.C., and where have you, reveling over cool upperclassmen, trained by years of hard-won experience with beautiful women, lured them away from slightly less quick competitors.

The Bugs Bunny punch went fast as Techmen rushed from one maid to another, displaying their prowess in any and every field.

Relay Race

There was even an inkling of House reputation at stake. Teams from each house would go from girl to girl in a relay race, one member picking up where the last left off. It was good to see the friendly House spirit which permeates all walks of life at Tech.

Actually, it’s hard to say which House scored the most points, but it shouldn’t be hard to find out. Someone must have been counting.

Secretary’s Report

REVISED ELECTION PROCEDURE
In order to avoid the inconvenience of numerous runoffs in the various elections held during the year—particularly for class office—the Board of Directors approved Election Committee Chairman Doug Shackle’s recommendation that the first round of voting be in the form of a primary; the top three candidates will be placed in a runoff of the usual type.

FINANCIAL OUTCOME OF JAZZ CONCERT
The recent Louis Armstrong Jazz Concert netted the student body $400 plus or minus $75.

Time in man marches on Tom Jarvis

The California Tech

EDITOR: Mike Milder

STAFF: Pete Bickel, Carl Gersthack, Gerhardt Klise, Bob Kibb, Sid Laskin, Steve Langley, Roger Niel, Arny Perry, Dan Segura, Laura Taylor, Joel Terekumn.

BUSINESS MANAGER: Howard Weisberg

Circulation: Neil Sheeley

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BELL TELEPHONE COMPANIES
College Employment Supervisor
American Telephone and Telegraph Company
195 Broadway, New York 7, N. Y.

Ever meet a Doubting Thomas?

A college senior once remarked to a Bell System inter­

viewer: “A telephone career must be a mirage. I hear talk about fabulous training, fascinating work, grade-A job se­
curity, and rapid advancement in management. Sounds a bit too rosy. What’s the real story?”

The interviewer knew mere talk wouldn’t sell a skeptic. So he showed him some “profiles” of recent college graduates who had enjoyed that fabulous training, had worked at intriguing jobs, and had won early management promotions.

Our once-skeptical friend has been with the Bell System 3 years now—and is currently supervising the work of 55 people.

We’ve converted a host of Doubting Thomases. Whether doubtful or not, you’ll learn a lot about rewarding telephone careers by talking with the Bell System interviewer when he visits your campus. Also read the Bell Telephone booklet on job listings in your Placement Office, or write for “Challenge and Opportunity” to:

The Bugle was not maintained as a source for this content.
The Candidates: Lively Bunch of Lovelies

- **Pat Budd**
  Pat Budd, from Toll Hall at Scripps, packs a lot of attractiveness into a dainty 5’1” height. Starting off in Brooklyn, she has lived in Shangai, Tokyo, Honolulu, and Claremont. A political science student, she wants to introduce the candidates.

- **Alansa Carr**
  Alansa Carr, a Scripps gal from Grace Scripps Hall, stems from New Orleans, Louisiana. After high school in Oregon, she came down the coast to Scripps. She likes writing, swimming, dancing, and the outdoors. Her little sister is hula-hoop champ of Ketchikan!

- **Mary Chatterton**
  Mary Chatterton is a student at USC majoring in International Relations. She’s an Alpha Delta Pi, for those who know the difference.

- **Mary Coffin**
  Mary Coffin, from Toll Hall at Scripps, is as “Chas. Addams” as her name. Leaving her lifelong home in Elko, Nevada, she proceeded to pull such ghoulish pranks as disconnecting all the waking bells in her boarding school in Minnesota, and hitchhiking frigths with friends. Likes “Just about anything.”

- **Shirley Garibaldi**
  Shirley Garibaldi is a resident of Beacon Hall at Scripps, and perhaps the only girl in the world who possesses real violet eyes. Hailing from Oakland, California, she’s an art major with interests in ice-skating and modern dancing.

- **Hilli Ivask**
  Hilli Ivask, whose exotic name has something to do with her Latvian origin, is a senior at Pasadena High School, and sweet seventeen. She plans to attend PCC, then UCLA. With her pseudonym she assures blond hair she is a model for Adrian of Pasadena. She plans to become a commercial artist.

- **Mimi Izzard**
  Mimi Izzard, a blonde from Browning, started life in Kansas City, Missouri, and developed the most changeable pair of green-gray-blue eyes ever seen by man. A sophomore, she already plans to conquer Europe with enthusiasm while enjoying tennis and skiing, then get a Master’s at Stanford in literature.

- **Mary Lou Martin**
  Mary Lou Martin attends Scripps College. This spirited sophomore is “the sparkleplug of Dorsey Hall.” She is a Songleader for Claremont-Mudd this year, and was Homecoming Princess for Pomona-Claremont last year. She majors in art and interpretive dancing.

- **Ann Singman**
  Ann Singman is another winner from Scripps. Her home away from home is Dorsey Hall, but she’ll tell you she’s from Berkeley. Described as one of the most enthusiastic freshmen at Scripps, Ann napes in the halls of our hallowed institution. A graduate of Rice Institute with a BA in biology, she’s presently a lab technician in Kerchoff Laboratory.

- **Jean Pratt**
  Jean Pratt, another Scripps—Scripps girl, originated from Hinsdale, Illinois. She likes to read, hoping to teach literature after graduation, and is a regular girl Thoreau—loves the outdoors. Jean hopes to travel to France on the Experiment in International Living this summer.

- **Joan Prestin**
  Joan Prestin is a blue-eyed, willowy blonde bundle of glamour. She is a Junior at USC, and a member of Kappa Alpha Theta sorority. Joan was selected Sweetheart of Sigma Chi last year.

- **Sharon Palmer**
  Sharon Palmer is straight from the halls of our hallowed institution. A graduate of Rice Institute with a BA in biology, she’s presently a lab technician in Kerchoff Laboratory.
**Beadle Joins Caltech Nobel Laureates**

**Becomes Second Biologist To Win Coveted Award**

The Nobel Prize once again came home to Caltech last week, this time in medicine. Dr. George W. Beadle, chairman of the Biology Division, was named for the award by the Royal Institute of Medicine in Stockholm last Thursday.

Beadle was awarded the Prize jointly with Dr. Edward L. Tatum, professor at the Rockefeller Institute and Dr. Joshua Lederberg of the University of Wisconsin. All three have made significant contributions to the study of the chemical basis of heredity.

Beadle and Tatum, working together in 1940, performed the now famous experiments with the so-called red bread mold that established chemical genetics. Beadle becomes the newest member of a distinguished company of Caltech Nobel Laureates:

- **Robert Andrew Millikan**
  - The first member of the Caltech faculty to receive the Nobel Prize, Dr. Millikan, who obtained the physics award for his epoch-making oil-drop experiment. Dr. Millikan had come to the Institute in 1921, after resigning from the staff of the University of Chicago.
  - He became both Director of the Norman Bridge Lab and President of the Institute, a post which he held until 1945, when he retired to the position of vice-chairman of the Board of Trustees, which he retained until his death in 1953. Dr. Millikan is usually regarded as foremost among the men who pioneered Caltech’s early existence.

- **Thomas Hunt Morgan**
  - Professor Thomas Hunt Morgan was the winner of the 1933 Nobel Prize in Medicine. Working with the same common fly that congregates around fruit stands and garbage piles, Dr. Morgan became known as the founder of the “fly school” of genetics. Breaking a long tradition of aloofness to the academic stature of American colleges and universities, European students soon began to make serious pilgrimages to his laboratory.
  - At the time that Dr. Morgan was performing the research that later led to his being made a Nobel Laureate, the famous biologist was a professor at Columbia University; later, in 1926, he joined the staff of the California Institute.
  - After his arrival at Tech, Dr. Morgan became the first Chair of the Division of Biology, as well as a member of the Executive Committee. Morgan is regarded as one of the greatest biologists of all time.

- **Carl David Anderson**
  - Dr. Anderson, discoverer of the positron, obtained his laurels in 1933. In addition, Dr. Anderson was the first graduate of Caltech to become a winner of the coveted Prize.
  - Dr. Anderson was a member of the class of 1927, and he received his Ph.D. degree in 1930. At the time he did the work which made him famous through scientific circles the world over, Dr. Anderson was a research fellow at the Institute.
  - He became an assistant professor of zoology, an associate professor in 1931, and a full professor in 1933. Besides his discovery of the positron, for which he received the Nobel Prize, Dr. Anderson was the discoverer of another fundamental particle, the mesotron.
  - Dr. Anderson is at the present time a professor of physics here at the Institute, continuing his researches in the field of particle physics.

- **Linus Carl Pauling**
  - Protein chemistry was the field in which Dr. Linus Pauling earned his award. Dr. Pauling was the third graduate of the Institute to win the Nobel Prize.
  - Some other fields in which Dr. Pauling has made important contributions in the past are: the application of quantum mechanics to chemical bonds and molecular structure; the determination of the ways in which this molecular structure may affect the behavior of living cells; and the explanation of some of the properties of metals.
  - Dr. Pauling is at the present time doing research into the chemistry of mental diseases. A graduate of Oregon State College in 1922, Dr. Pauling earned his Ph.D. here at Caltech in 1925. He joined the faculty of the Institute in 1920, becoming a full professor in 1930. Pauling was Chairman of the Division of Chemistry and Chemical Engineering from 1936 until this year, when he resigned to devote full time to his research projects.
  - To his deep insight into the nature of the universe, Professor Pauling has joined a deep concern for the welfare of the human race. Evidence of this concern was the publication of his first non-technical book, No More War! in August of this year. Dr. Pauling is perhaps the most widely-known of all Caltech’s Nobel Laureates.

**Graduates**

In addition to Drs. Pauling and Anderson, two other Caltech graduates have been awarded the Nobel Prize. First was Dr. Edwin McMillan, who obtained the prize in 1951 for his discovery of plutonium. Dr. McMillan is at the present time a Professor of Physics at the University of California at Berkeley.

Another physicist, Dr. William Shockley, followed Dr. McMillan by obtaining the award in 1956. Dr. Shockley received the prize for his invention of the transistor in 1948, at the Bell Telephone Laboratories. He now directs his own laboraatories, doing work in solid state physics.

**Dr. George W. Beadle** is the fifth Caltech faculty member to receive the Nobel Prize. Dr. Beadle received his B.S. from the University of Nebraska in 1929, his Ph.D. from Cornell in 1932. He was a professor at Stanford for nine years before coming to Pasadena in 1940 to head the Biology Division.

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Jazz Beat
by Lloyd Kamins

Horace Silver and the Messengers
Note No. 251 featuring Ken­
ny Dorham, trumpet; Hank
Mobley, tenor sax; Doug
Watkins, alto; Art Blakey,
drums; Horace Silver, piano.
The Horace Silver Quintet is
now a familiar voice in modern
jazz. The group has attained
such stature that it is awarded
the flattery of consistent mix·
ture. It serves as a model, as
a standard of a hard bop quintet.
This album is the first released
by the group. It marks a suc­casion of horn men in the
group, although Mobley's fine
sound is usually heard, and Sil·
ver has written originals for
such recordings. However, his
format has remained the same.
There is no indication, however,
that Silver has been overworked.
The shiny covering of individuality has been rubbed
from Silver's sound, but this
uncovering has only revealed
the solid gold below.

Excellent Originals
It would seem as if the orig·
inals on this first recording of
a higher stature than some cur·
rently released.

What has Silver written that
comparables with...? There is
no indication, however, that
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The album is dominated by
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from Silver's sound, but this
uncovering has only revealed
the solid gold below.

Excellent Originals
It would seem as if the orig·
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a higher stature than some cur·
rently released.

What has Silver written that
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A bell is to ring
but without the clapper,
you'd miss the whole idea of a bell

A cigarette is to smoke
but without flavor—you miss
the whole idea of smoking

When it comes to flavor
It's what's up front that counts

Playing It Cool: Impress Your Date After the Party

by Boris and Griffen

In previous columns, the quali­

ty of the wench has had no bear­
ing upon your particular person­

ality or actions. Now the de­
cision must be made: is she worth saving or not?

If she is a connoisseur, go with a person­

ality to match, continue acting
the same as you did at the party, pleasant and interested, as
you dumb her off. (She isn't worth changing your personality
for, but you might want to take out one of her friends—if she
has any.)

If, perchance, your social chair­
man has smiled upon you, and
you lucked out with a winner,
your playgoth a side is very im­
portant.

You now be­

come sneaky, fa­
therly and na­
ived! Your true self leaps forth
in a great play of supre­
me sublety: you are like a priest at
confession, very kind and un­
derstanding. You must, above all
things, radiate multur. Your
chances of scoring get increase as
the cube of your fatherless.

By this time, you should have
reached some place that you
know is reasonably secure (such
as your room or, better still,
your piece on the Trader's we
know is well beyond the eyes of
the further distinction of having
been one of the three winners
in the Early Times national
drink competition.

The Coconut Grove:
1/2 oz. Bourbon
1 oz. Carapone
1 oz. Lemon Juice
1/4 oz. Orange Juice
1/4 oz. Grenadine
4 oz. dark rum
Throw all the ingredients ex­
to the rim into a cocktail shaker
with some cracked ice and shake like mad. Pour into
a pilsner glass ice and all, and
decorated with fruit. Mint goes
very well. Float the rum on
the top and let sit until frosted.
Serve quickly with straws.

A hint to help you float liquor
on a drink: Take a circle of plas­
tic, glue a piece of a swizzle stick
onto the circle in the desired spot.

Get a circle of plastic, glue a piece of a swizzle stick
on the circle in the desired spot.

The Fair Sec's

by Griffen

119 Third Street, connected with intrigue, surreptitious infor­
ation, the Orient Express. What goes on behind the frosted
glass door? What is the Gradu­
ate Office being used as a front
for? Who are those girls that
sit smiling in the ante-room typ­
ing on their harmless little Rem­
ington Ransis? What do they know that you, the student, do
not know?

Let us look into the back­
ground of one of these secreta­
ries. Her name is Martha Lindvall.
A perfectly normal name;
obviously a pseudonym for Ma­
rina Lyndovnya, or some other
catch. A cover up. Her age
is twenty-three. Clever make-up
has probably been used to change
an American type that works
here in the center of our top­
secret development area.

Yes, even she has all the cre­
tealds. Forged papers that say
she graduated from Bryn Mawr
College. Bryn Mawr, Pennsyl­
vania. Surely, their agents could
have picked a less all-American
type college to use a cover up.
They were clever, and besides, she
was obviously a pseudonym for Ma­
rina Lyndovnya, or some other
catch. A cover up. Her age
is twenty-three. Clever make-up
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has any.)

If, perchance, your social chair­
man has smiled upon you, and
you lucked out with a winner,
your playgoth a side is very im­
portant.

You now be­

come sneaky, fa­	herly and na­
ived! Your true self leaps forth
in a great play of supre­
me sublety: you are like a priest at
confession, very kind and un­
derstanding. You must, above all
things, radiate multur. Your
chances of scoring get increase as
the cube of your fatherless.

By this time, you should have
reached some place that you
know is reasonably secure (such
as your room or, better still,
your piece on the Trader's we
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Serve quickly with straws.

A hint to help you float liquor
on a drink: Take a circle of plas­
tic, glue a piece of a swizzle stick
onto the circle in the desired spot.

Cat's Pajamas

COFFEE HOUSE
"It's the Cat's Meow"

50 East Foothill Blvd., Arcadia — HL 8-5394
Player Piano
Group Singing
Cafe Espresso

Open Wednesday
Through Sunday
8 PM 'til...
Atmosphere, Mood Billed At Taverns; Coventry and Handlebar Rated Tops

by Kirk Polson

The new school year has brought forth a whole new crop of seniors and with them they bring their state bar exam. Now, being fresh in this new world and already having tired at the corner of Wilson and Colorado, they may wish to seek out on their own some new places of rest, brew, and relaxation. We feel the new-born may need a small, guiding hand on their first few sallies.

Close at hand there is a smallest place with a rather interesting atmosphere. The Coventry up at 302 Foothill has a varying program. As a word of explanation Coventry is the Detroit of England. On Tuesday and Wednesday nights one can sit in the luxury of good foreign and domestic beers with part of the evening taken up with their regularly scheduled films of past Grand Prix races.

Some of these films are quite good and well worth taking in for an evening of enjoyment. On Friday and Saturday nights the Coventry sports a four or five piece jazz group which, although it isn’t the most, at least is satisfactory. The crowd that seems to live there are mostly young people our age who are college students in their spare time.

Handlebar Has Atmosphere

If you want to go further up you can always buzz down to the Handlebar at 8919 Sunset Blvd, which is about two doors up the street from the Unicorn. Swell, on the floor and beer in pitchers are the order of the day.

They like college students there and seem to want some of the houses’ mage and seals on the wall. On Tuesday nights they show old time flicks which are kind of fun with about 20 guys hissing the villain for all they are worth. Their college special comes on Wednesday night, when they serve a six mug pitcher of beer for one buck.

Heard From The Wings

Author’s Novels Contrasted

We have near campus the newest of coffee houses. Just opened north of Drexel’s is a small tea-unions pub known as “The Dragon’s Wyck.” Though the clientele probably will not include the artists set, the management plans to include jazz, hot and cold, poetry reading and impromptu painting on the week’s agenda.

Gelden Matures

I dug back into old Columbia LP’s last week looking for a good example of style change on record. I found it in Glenn Gould’s two big recordings: the Goldberg Bach Variations and the Bach First Concerto with Bernstein conducting. The maturity of style is really amazing. This is what we can expect from Van Unions and also.

Tidbits

As an introduction to a future long statement on “beat generation” literati, I should like to make a few preliminary statements about the contrast of two of Kerouac’s books, “The Subterraneans” and “On the Road.”

In the former the author mentions the restrictions on style imposed by language and grammar and he manages to avoid them by getting lost in a flowing style. But in “On the Road”, for some inexplicable reason the more popular of the two, he says nothing and does that badly.

One admires the almost poetic quality of literature such as Joyce’s. Take the last phrase in “Ulysses” as a fine example: “Then I asked him with my eyes to ask again, Yes, and then he asked me, Yes, to say yes my mountain flowers, and I put my arms around him and oh and a big sky in his Buick special showed up. Shelby finished an easy first with Balchowsky second, and in Austin-Haley 1005 (1) third.

Next weekend the California Sports Car Club sponsors a race at Laguna Seca, near Monterey, featuring most of the drivers who are now banned from the SCCA. Lance Reventlow is taking his machinery; John von Neumann is taking a 4.1 Ferrari, with Richie Ginther in a 3.0 Testa Rossa Ferrari and perhaps even Phil Hill entered if he is back from Europe in time.

S T A T E

A Fox West Coast Theatre
770 E. Colorado SY 2-1159

“Me and the Colonel”
Danny Kaye, Curt Jurgens

“The Matchmaker”
Shirley Booth, Anthony Perkins

Colorado
2588 E. Colorado Blvd. PH. SY 6-9704

RELUCTANT DEBUTANTE
REX HARRISON, KAY KENDALL, John Sayson, Sandra Dee

THE MATCHMAKER
SHIRLEY BOOTH, ANTHONY PERKINS, Shirley MacLaine

Puff by puff Less tar & More taste

DON’T SETTLE FOR ONE WITHOUT THE OTHER!

Change to L&M and get ‘em both. Such an improved filter and more taste! Better taste than in any other cigarette. Yes, today’s L&M combines these two essentials of modern smoking enjoyment—less tar and more taste—in one great cigarette.
Poets Next On Polo Schedule

Friday afternoon the water-polo team will try to even their record with Whittier in the latter's pool. Caltech dropped their first match to the Poets, but both met with failure.

The following Monday P.C.C. will be here in lieu of the L.A. State game.

led by eventual winner Ward of Redlands, cross country runners depart on the two-mile course around Tournament Park in first meet of the season, won by Redlands 21-35. Beaver runners in white shirts from left to right are Wes Shanks, who finished sixth (the best for the varsity), Dennis Paull, eighth; Rob Jaoda, fifth, and Dick Tuft, second. Tuft and Jaoda, being frosh, didn't count in the standings, but were running with the varsity June Redlands failed to enter a frosh team.

Comparative Performances Lead to Highest Optimism

Whittier Drops Beaver Eleven By 46-0 Margin

Whittier, class of the Southern California Conference, strengthened their claim on the loop crown by running over hapless Tech, 46-4, on the Poets' turf last weekend. Only two deep penetrations into Whittier territory were put together by the Beavers but both met with failure.

A Beaver Drive

Early in the second quarter (Continued on page 9)

Poets Next On Polo Schedule

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The following Monday P.C.C. will be here in lieu of the L.A. State game.

Last Friday Occidental defeated the Beavers 8-2. The trouble was essentially the same difficulty that has plagued the team thus far—lack of experience. Dave Tucker scored both of the Beaver's goals and as usual paced the squad throughout. Bob Ruby, the only other Caltech player with high school experience, was also impressive.

The first quarter ended at a close 2-1, Oxy, but the Tech team seemingly tired and the fast swimming Tigers pulled ahead comfortably 5-1 at the half. The man-to-man defense employed at first was switched to the zone, but Oxy still managed to outplay the Tech team.

The vehicle actually moved several times its own length, a distance of about two meters. The General Tire & Rubber Company, proud to be a pioneer in these new vistas offers unequalled opportunity in America's most comprehensive rocket propulsion program.

In the search for new materials of construction, new fuels and higher thrusts, Aerojet-General offers unequaled opportunities in America's most comprehensive rocket propulsion program.
AS I SEE IT

Upsets Hit ‘Grid Machines’

by Ross Fitzler

This year college football seems to be having an increase in the number of upsets and near upsets. Ever since the two-platoon system was thrown out, there has been a marked change for the teams to become less mechanical and more human—that is, possessed of the ability to be finished and to become disorganized.

After the initial change which followed the establishment of limited substitution, there seems to be another big chance this year. In the days of two-platoon football, there were always several “machines” that finished the season with perfect records, yet here it is halfway through the season and all the top teams have been beaten or tied.

LAST WEEK two Big Ten teams traditionally on the bottom of the loop came through with upsets. Northwestern, who had also previously upset Michigan State, Ohio State 21-6 and Indiana beat Minnesota 60-6. Another surprise last weekend was when Syracuse defeated Pittsburgh 18 to 13.

Other major reversals earlier this season occurred when the Air Force tied Iowa, Pitt tied Army and Texas beat Oklahoma.

THE REASON for the uprising in the number of upsets this year is something I can’t explain. All I can say is that I’m quite sure it isn’t due to the rule changes effective this year concerning offensive formations. Only one team has tried extra points the week before from Whittier, tied Santa Barbara with servings by C.H. 46.

THE WINNER of the Whittier-Redlands game on November 22 will undoubtedly be the SCC champion. Comparing the two teams from the games they played against Caltech, I would pick Redlands as the better team. Both teams had luck that didn’t need, but Redlands seemed to have a better line and better running backs.

Frosh Lose Too; Will Try Bulldogs Next

Frosh dreams for a winning campaign were trampled on the TP turf last week-end by Whittier, who whipped the little Beavers by 34-6.

The losers are not conceded much of a chance against powerful Redlands who have not been scored upon this year and who will furnish the opposition Nov. 15.

Going to the dressing rooms at intermission with a 9-6 deadlock on the scoreboard, the frosh tired in the final half.

Whittier scored first in the initial period but failed on the extra point when John Denyes blocked the placement attempt.

The hosts had an opportunity to knot the score in the winning minutes of the first quarter when a recovered fumble and hard running brought the Techmen inside the Whittier five-yard line but a quarterback-snap by Frank Marshall was halted inches short of the end zone.

A few moments later, a Denyes pass was blocked by the Whittier receiver downfield and picked up by Evan Hughes on the Whittier 48. Sparking the offensive, Vince Haskell climaxed the march by blasting over from the five to net the score.

Whittier's try for the extra point by placement was blocked.

Immediately after halftime, Whittier drove down to the Tech 15. On fourth down, with about 10 to go for a first down, a Tech player committed a personal foul which gave Whittier a first down and eventually the winning touchdown.

Sailors Prepare for Oxy Meet

The Beaver sailors are looking forward to the Oxy Invitational regatta Sunday, hoping to redeem defeats at the Santa Barbara regatta last weekend, especially if ace skipper Doug Menen will be out once again.

The Sailing Club announced that the regular series of sailing lessons will be resumed next Thursday.

Soccer Team Favored for Pomona Game

The winningest team at Caltech, the soccer varsity, travels to Pomona this Saturday in quest of a victory over the Sagehens. The powerful Tech team rates as pre-game favorite.

Last Saturday the Beavers invaded U.C.L.A. but the big school proved to have too much talent in defeating the locals rather handily 2-0. Tech played a good game for the first half and were only trailing by 1-0 at the intermission.

The second half started well, too, but after about ten minutes, U.C.L.A. added another goal. This score effectively broke the contest open, and hereafter the game was all U.C.L.A.

Tech demonstrated a fine running game, but tired to let the superior passing and teamwork of the Irvineans triumph.

Glen Converse played outstandingly at center half, plugging up the middle time after time. Larry Tenn also played well at left wing.

You have to get up mighty early...to give the kind of service that's building America's second largest telephone system.

When it comes to service we aim to deliver the goods. Result: we're growing fast! For in Gen Tel Territory, America is finding the room the overcrowded big cities can no longer supply. New homes, new stores, new factories are springing up fast.

And so is the need for up-to-the-minute telephone communications. That's where Gen Tel comes in. To fill this need for telephone service, we're installing 750 new phones each day, investing almost 4 million dollars each week in new facilities.

At Gen Tel we're working overtime to develop new uses for the telephone to keep ahead of the growing need for better and more complete communications. That's one reason we are America's second largest telephone system.

No doubt about it, America is on the move. And Gen Tel is moving with it—moving up.

Mediocrity and Excellence is Only 25c

CALIFORNIA AT LAKE
JUST OFF THE CAMPUS

We Guarantee Excellence

Carl's Caltech Barbers
The Difference Between
Mediocrity and Excellence is Only 25c
Houses Rush Decorations
(Continued from page 1)

Night on Bald Mountain," will be represented by a pastoral scene in the Ricketts courtyard. The decorations will follow the same lines as Walt Disney's interpretation of the Moussorgsky symphonic tone poem seen in the movie Fantasia. A giant demon will overlook the scene of surrealistic mountains, a feudal castle and a graveyard. "A Night on Bald Mountain" will be played in the background to provide atmosphere. The Ricketts lounge will provide a special surprise, the plans for which are now under strict secrecy.

At Throop Club, Cleopatra will reign again as pre-Awan-High Dam Egypt will be the theme. A monstrous pyramid, built to rival last year's Eiffel Tower, and the interior of an ancient temple will decorate Throop.

Bacher Advises Delegation As Geneva Talks Begin

Dr. Robert F. Bacher, Chairman of the Division of Physics, Mathematics and Astronomy, left last week for Geneva for the resumption of international talks on banning nuclear tests.

Bacher, a member of the President's Science Advisory Committee and former member of the Atomic Energy Commission, will be chief deputy to Ambassador James J. Wadsworth, deputy UN representative who will head the United States delegation.

President Eisenhower has renewed his call to Russia to join in talks. Next week last, discussions started last Friday. Bacher, who will serve as Ambassador Wadsworth's scientific advisor, will be a member of an international group of scientists who met in Geneva July 1 to Aug 21 to work out technical problems involving an international inspection program so that a nuclear test ban could be enforced.

Beauties Vie
(Continued from page 1)

day afternoon final elections will be held to determine the winner, who will be announced during halftime ceremonies at the Caltech game. The remaining finalists will serve as attendants to the queen.

After the game, the queen will reign over the annual Homecoming Dance, to be held in the courtyard between Ricketts and Fleming Houses.

Semi-final elections, to be held Friday afternoon, will be run according to usual procedure.

GET SATISFYING FLAVOR... So friendly to your taste! No flat "filtered-out" flavor! No dry "smoked-out" taste!

THE CALIFORNIA TECH

Page Ten

Thursday, November 6, 1958

Caltech Radio Telescope 'World's Best'

Caltech recently mounted the world's most versatile radio telescope, financed by the Office of Naval Research, in the Owens Valley, about 250 miles north of Pasadena. Mounted on a 45-foot high pedestal, the telescope will listen to radio transmissions from distant stars.

The telescope was built to anticipate the needs of astronomers during the next ten years and therefore was made extremely flexible, according to Dr. Bruce Roll, codirector of the Palomar optical telescope, who was instrumental in the building of the new radio telescope.

The telescope was built in the Owens Desert because the high mountains surrounding the area will protect the instrument from extraneous radio impulses from sources on the earth.

Finnish Art Works Shown in Danby

The second in the current series of art exhibits at Caltech will be open to the public in the lounge of Danby Hall, November 3-21.

The exhibition will consist of art objects in silver and plywood by Tapio Wirkkala, ceramic plagues by his wife Rut Bryk, and handmade rugs of contemporary design by Eva Brummer.

The works of Wirkkala and Bryk, two of Finland's finest and best known craftsmen, are circulated by the Smithsonian Institute in Washington, while the works of Eva Brummer have been lent by the Contempo Galleries of Westwood.

The local exhibit is sponsored jointly by the Caltech Humanities Division and the Finlandia Foundation.

Baxter Gives Chem Award

For the fourth successive year Don Baxter, Inc., has made a grant that will be used to award two prizes, of $125 and $75 to undergraduates engaged in research in chemistry.

To compete for the prizes a student in the Chemistry or Applied Chemistry option is to submit a research report by Monday, May 23, 1959, describing an original piece of research performed by him. This report is to be prepared independently by the student, without editing by a staff member, and is to describe the research and its significance in clear, concise language and with discrimination as to what is essential in scientific reports. A student may enter the competition even though the research he is doing is not yet completed.

Judging will be done by a committee appointed by the Chairman of the Division. The basis of judgment will be the quality of the report, and the ability, initiative, and promise for future achievement the student has manifested in this work.