Parents Brush Up On College Life

Announcements

SAILORS, AHOY! The Caltech Sailing Club will hold its annual Fall Regatta on Saturday, October 7, at 7:30 in 206 Engineering. All experienced sailors are invited to join in the fun.

A.C.S. MEETS... The American Chemical Society will hold its first meeting this fall on Tuesday, October 10, at 2 P.M. in the Arts and Architecture Building. All interested students are welcome to attend.

Jazz Stars Promise Good Time

Previn Trio Plays

Andre Previn, though still a relatively young man, is recognized as one of the motion picture industry's best composers and conductors, as an outstanding recording artist, and an accomplished pianist. He has been described as "a fabulous success." Born in Berlin, Previn came to the U.S. in the early 1950s and settled in Hollywood. He graduated from Beverly Hills High School and went to work for MGM in 1945, where he has remained for 14 years, except for a short hitch with Uncle Sam.

During his stay at MGM, Previn has composed and scored 33 films, which include jazz versions of Broadway shows, such as "My Fair Lady," "Pal Joey," and "Seven Brides for Seven Brothers." He has also composed and recorded an overture created for the "Ocean" in 1960 for "Gigi." He was Musical Director for two currently popular pictures, "Fahrenheit 451" and "Belle and Sebastian." Previn has released 12 albums, including two of his original compositions, "The Young Lions" and "Carmen's Waltz." His music has been heard on radio and television, and has been performed in concert halls around the world. Previn is known for his versatility and has been praised for his ability to adapt to different styles and genres. He is a skilled pianist and conductor, and his music has been featured in numerous films and television shows.

The Arthur Lyman Quartet (above), Andre Previn (upper right) and his trio, and singer Mavis Rivers will join Dave Brubeck at the Jazz Festival a week from Saturday.

Mavis Rivers

Mavis Rivers, featured vocalist for the Jazz Festival, is definitely a "new" singing sensation. Her first record appearance was made only one year ago. Her second album, "Take a Number," released last May, was recorded at Capitol Tower Studios in Hollywood with Nelson Riddle. At that time Riddle is reported to have described Mavis as "just great."

Mavis was born in Apla, Upolu, Western Samoa, of English, Chinese, German, Samoan, Swiss, and French antecedents. (Continued on page 18)

On-Campus Freshmen are urged to invite their parents to dinner in the Student House at 6 p.m. Parents' Day meals are among the best served all year.

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AIDS Faculty Salaries, Lab Equipment

The Ford Foundation has granted $3,200,000, to be used over a 10 to 15-year period for salaries and engineering research equipment. The money is part of a $19,000,000 grant to 10 colleges announced Tuesday by Ford Foundation president Henry T. Heald, as part of the foundation's program in support of science and engineering.

Another quarter of Caltech's share, together with the income accrued from its 10 to 15-year investments, will be used for salaries for four or five professors now on the engineering faculty. Approximately $300,000, plus income, will be used to provide or construct equipment needed for faculty or graduate student research in engineering.

An additional $100,000 is planned for use over a period of from one to three years for fellowships and grants to graduate students. Travel opportunities for Caltech faculty members will be expanded and encouraged with $7,000 earmarked for this purpose.

A final $25,000 will cover costs of faculty members from other institutions who come to Caltech for study.

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The purpose of the Ford Foundation's assistance (Henry T. Heald, are: 1) to help promote excellence on engineering faculties, 2) to support the development of imaginative educational programs, and 3) to support the development of imaginative educational programs. The Ford gift is not to be included in the development program funds which still lacks $2,000,000 from a $20,000,000 goal.
A. I. D. Charities Campaign Hits Campus This Week

Caltech’s A.I.D. Fund Drive will run through the end of this week. The campaign, which is directed toward faculty and employees, parallels the Student Consolidated Charities Drive, which will follow later this year.

Caltech Orators Take Awards

Caltech orators Kip Thorne and Dave Jefferson captured three superior and three excellent ratings at a speech tournament held at the San Diego State College last week end.

Thorne received superior ratings in lower division extemporaneous and impromptu speaking, and an excellent rating in original oratory. Jefferson got a superior in upper division impromptu speaking, and excellent in extemporaneous and original oratory.

BOC Members Plan Frosh Visitaton

A “visitaton” of freshmen and new students is being planned by the Board of Control.

The Honor System will be discussed and questions answered in meetings between BOC members and individual freshmen during the next few weeks. The visitaton program was initiated last year.

MUN-CC Will Pick Delegates

A Model UN Conventions Committee has been appointed by delegation chairman Cleve Moler. The MUN-CC, which is composed by Bill Baus, Pedro Sobrit, Roger Noll and Moler, will be in charge of choosing the delegation to attend the conference in April.

Announcement of the country to be represented and the number of delegates to be selected is pending receipt of that information from the University of California, the host school.

Fellowship Hosts Meeting Tuesday

Tuesday night, Christian college students from several schools will gather for a time of singing, sponsored by the Caltech Christian Fellowship, the P.C.C. Christian Fellowship, and the Nurses Christian Fellowship of Huntington Hospital. There will be opportunity for worship through hymns and for informal fellowship with students from other schools. The place is 87 Congress St., and the time is 7:30. For transportation see Clark Benson, Hickiet.

Jazz Festival

(Continued from page 1) and French ancestry, reports Capitol Records. Though Morris first came to the U.S. in 1963, she had had considerable previous contact with America, since she lived in Pago Pago.

Halleujah!

The residents of the Student Houses welcomed back old friends this week—their silverware. Cheered greeted the announcement last Monday that kitchenette utensils could be left behind, that the loose-handled knives and bent-tank forks that we have learned to love had been returned.

Only a select group knows where the silver spent its lonely weekend-a-half away from home because early Monday morning the 3600 pieces (except for a few still-missing spoons) were mysteriously returned to Miss Cheney’s desk and the kidnappers ain’t talking.

The California Tech

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STRAW VOTE. Poll the gang... you'll see. On the campus, too, where there's life...there's Budweiser.
New Student Houses' Dining Boom-Cafeteria combination.

In her two years at Caltech, Marjorie Cheney has become, what we in the trade call, a living legend. When I interviewed her last year as part of the California Tech's "Hats the Student Houses" campaign, I really had no idea what grand plans the energetic, but modestly quiet, dietitian had in mind for September, 1960.

As I entered her simple, comfortable office for the first time in many months, I realized that my chesry friend had not changed a bit since my last visit. Her latest project, she told me, was to get the waiters to clean the ashtray.

Her late last year as part of the overflowed ashtray. Student Houses? Yes, I will energetic, but modestly quiet,
you're in many comfortable office for the first time from California Tech's customary 45 minutes' pay.

Her late last year as part of the overflowed ashtray. Student Houses? Yes, I will energetic, but modestly quiet, you're in many comfortable office for the first time from California Tech's customary 45 minutes' pay.

In her two years at Caltech, she took a deep draw on her cigarette. "Just how many have changed the cafeteria manager is changed the organization of the kitchen, dining and rooming.

The next question was obvious: "What about the, uh, well, din­ ing rooms? Isn't the Greasy under the management of Mrs. Lyall?" she asked with air of finality. She searched had ended with a stone wall. I was about to try to coax out a last drop of information when I noticed out of the corner of my eyes that the jaguars were snarling rather meaningfully. I changed the subject to the or­ ganization of the kitchen, cafe­ teria and dining rooms.

The cafeteria will be run under the scrape system, which means that it will simply re­ semble a supermarket. (See cut) The short order counter will run until 11 o'clock and will be taken off the main kitchen, so the food will not be of essen­ cial importance.

Boss Cheney also made the unexpectedly quite sure that the students in the new stu­ dent houses' kitchen will be of the same remarkable quality as that of the old. The same menus will be imposed in all seven of the Houses. It will also be possible, if a meal is missed, to get the identical delicacies in the new cafeteria.

The factory. All you have to do put it in the circuit is solder five leads, a real boon to the novice or the man in a hurry. Slug-tuned coils have been sub­ stituted for the old variable ca­ pactor, making stability a little greater than before.

There is no automatic gain control circuit in the tuner. However, gain regulation is con­siderably better than in the old model, which had the same circuit. The L.F. amplifiers, des­ signed to operate as amplifier­ limiter, do a good job of keep­ ing output from several stations to a constant level. This feature makes tuning simple, as you don't have to play with the volume control.

Audio output is taken from a cathode follower with 600 ohms impedance. There is no high impedance output as there was on the F.M. 3. The low imped­ ance makes it possible to put the amplifier in one room and the tuner in another, or to drive several amplifiers from the same tuner. The only place I can think of where this might be valuable is in the Blacker music system. If you are an experi­ enced, and don't want the ca­ theode follower feature, you have an extra triode section to play around with. There is an out­ let jack for multiplex stereo, but some sort of multiplex adap­ tor will be necessary for tuning.

New cigarette paper "air-softens" every puff!

Now even the paper adds to Salem's springtime freshness!

An important break-through in Salem's research laboratories brings you this special addition. Positively new paper when it's fresh air in through the paper to make the smoke even softer, fresher, more flavorful than before, you'll be even more pleased now. Smoker refreshed, smoker Salem!

- menthol fresh • rich tobacco taste • modern filter, too

Salem refreshes your taste

Positive Bias

BY PIERRE SUNDORF

Heathkit's familiar old F.M. tuner will no longer be seen in the ads. The $35.95 F.M. 3A has been replaced by the $31.95 F.M. 4. Noting that the new model fea­ tures AFC and the "new look" in cabinets, I took money in hand and ordered one. Shipping took seven days, construction only one. I've been using the tuner for three weeks, and have made a few observations which might interest you.

This tuner is a tremendous improvement over the old F.M. 3. It utilises a silicon diode power supply, thus getting rid of the old hot-running rectifier tube and its appurtenances. The chassis layout is considerably better. On the L.F. section, for example, it is possible to bend over nine transformer lugs and solder them directly to the tube pins, without using any wire. The rest of the wiring is pretty much point to point. About five feet of wire did the entire job.

Tuning Unit Pre-wired

Construction is a breeze. Because lead lengths in the a.f. section, some F.M. 3 builders learned the hard way, the tuning unit is pre-wired and usu­ ally different stock in the cafe­ teria than in the dining rooms.

Boss Cheney also made the unexpectedly quite sure that the students in the new stu­ dent houses' kitchen will be of the same remarkable quality as that of the old. The same menus will be imposed in all seven of the Houses. It will also be possible, if a meal is missed, to get the identical delicacies in the new cafeteria.

Just the manager of the three new Houses or she will run both the Houses and the combination dining rooms and Greasy Spoon.

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BY TOM JOVIN

Since the title of this article might lead you to believe that I'm reviewing a recent move, it might be best for me to offer a brief explanation.

As a junior at Caltech last year, I was named a recipient of a Dupont Travel Scholarship. The award was based on a project I presented for a study of indigenous medicines in the Orient. This particular field is not one that has interested me at Caltech and my proposal managed to lift some educated eyebrows. But actually, the original source of my inspiration was local, for in the mysterious rituals performed by the Indians who descended to a renowned expert on Indian and Pakistan systems of philosophy, I perceived the promise for a better and fuller life.

On a more serious vein, however, one might well ask why I didn't choose instead to make a study of coral reefs at Cancun, or determine the rates of soil erosion in the various sections of Paris. After serious deliberation, my fiancé convinced me that the vast social, political and economic problems in the Far East were more worthy of attention.

Accordingly, I put off my examination, packed 12 pounds into a satchel, and armed with a shield of documents attesting that I was not a professional revolutionary and had never harboured, embarked upon my journey to my first stop in exotic Southeast Asia. Hawaii. The date, June 20, a great day for a humble native from the wilds of South America.

But, what was the object of my search? Where was I headed and why? I answered these questions personally by use of the empirical approach. My history consisted of a series of open dates on a book of plane tickets, my security a well-treasured package of traveler's checks. And as further insurance, I had filled a defective system well used to the vicissitudes of diet and the fauna therein.

Indigenous medicine, I have stated, was the essence of my project. In self-defense, I must admit that I am a member of the elite section of the student body, the pre-med. My fascination for the human body and its processes has always led me into lesser - known fields of interest. And the Orient, in particular, offers the student a rich variety of philosophies, of medicines and ways of life.

India was to be the focal point of my travel project, because of (two major reasons: a) she is a major political and economic power, and b) she lies exactly on the other side of the globe, conveniently half way around the world. Her problems are those affecting the greater portions of the world's peoples: overpopulation, illiteracy, cultural systems opposed to the forces and tendencies of modern civilization.

And the basic fact of the contemporary global situation is, in these very problems, that all their implications are going to determine the immediate course of history. To see them at first hand is and certainly was a most enlightening experience.

As it turned out, my two and a half months abroad took me through Taiwan, Hong Kong, India, Pakistan, Thailand, India, Pakistan and some areas in Europe. Through some stroke of luck, I managed to stay one jump above major upheavals and natural catastrophes. Once or twice, however, I was almost forced into more direct participation in the making of history. Starting next week I shall describe some of these more exotic experiences.

Pete Lippman
Campus Representative for
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Bartholomew Friday, October 22, 1959 THE THE CALIFORNIA TECH

The Institute's winningest sport, football, has decided to remain officially noncommittal on the question of the recognition of several new sports, such as sailing, skiing, etc. The Board members who favored this neutrality did so for two reasons: (1) they did not have enough information to make an intelligent decision, and (2) it would be "politically unwise" for the BOD to take a stand. The Board did decide to commission its two members that also belong to the Athletic Council, Carl Gottschall and Tom Jovis, to bring up the matter at the next meeting of the Council, and here express the opinion that the Board members, in general, favored the new proposal.

First, let's look at the reasons why the Board refused to take an official position, neither of which seem very valid. The BOD says it has too little information, we ask; what other information is there to be obtained? The Board has been told that the Sailing team participates in a regular conference as a representative of Caltech, that more students participate in Sailing than grid or golf, that they are financed in part out of the athletic department already, and that, in essence, they are, right now, a regular sport except for the fact that they receive no NIAA credit or athletic scholarships. This is as much as, or more than you can say about many athletic sports at Caltech.

The Board also speaks of political expediency. What this means is that the Board feels that it would be to take a positive stand in this issue, it would actually reduce the chance of the issue being accepted. This also seems somewhat absurd. In all the committees we have served, never once have we felt injured, insulted, or rendered powerless. If in all other sports, someone also recommended a solution that would be less powerful because someone else recommended a solution, it doesn't sound reasonable that the Board feels that the BOD is that low in the prestige department.

All in all, the big fight that has developed over the new sports-classification is quite silly. As was stated above, any club at Caltech can become a varsity sport by doing what the Sailing Club has done—join a conference and get financing from the athletic department and ASCIT. The only thing they really lack is athletic awards and money. If the club itself must approve and pay for the athletic awards, it should be their power to decide which sports should be eligible for the awards, regardless of any policy decision on behalf of the athletic department. In light of this, it is inexplicable that the ASCIT Board should pass off this matter so lightly.

Beavers Finally Get Cross-Country Coach

For the first time in the modern history of the sport at Caltech, the cross-country team has a full time, experienced coach. Walter Mack, former captain of the Michigan and New York. Like most American coaches, Mack uses his knowledge of the weather, the new coach says that the year-round California heat, plus the rather flat terrain, makes training more difficult. This factor, plus the fact that Caltech cross-country is used primarily as a conditioner for the track season, may make Mack's initial season an arduous one.

CFASTF Scores Two Lucky Wins

The Institute's winningest athletic organization, the Caltech Faculty, Staff Alumni and Friends Soccer Team, has hung two more scalps on its victory belt. Actually they had to scalp the Caltech 3, 0 twice to do it. Two weeks ago the CFASTF ran over the relatively inexperienced CWU 4, 1. Last Saturday the Semif Seven Plus Four, as their close-oriented friends call them, took a 6-1 victory by scoring five times in the closing minutes of the game.

Soccer Squad Takes Gas From UCLA

Powerful UCLA hammered its way to a 3-1 victory over the outmatched Caltech soccer team Sunday afternoon at the Caltech athletic fields. Ellis Cumberback pounded in the lone Beaver goal midway through the final half.

Gary Osterberg, fresh stand-out, switched from wing to goalie and turned in a creditable performance. Two of the three UCLA goals were scored on penalty kicks and the third came after a prolonged scuffle near the goal.

Unfortunately, they were unable to break away for big Art Rubin stole the ball from a Pomona back and raced 15 yards to the one-yard line. Four plays later, unfortunately, the Sagehens again took control, this time from their own end zone. Two more Pomona fumbles, and Caltech finally scored on a 40-yard pass, again to John Arndt. The conversion attempt was broken up.

After another Pomona touchdown drive, the Beavers marched to the Sagehens' 10-yard line, where a fumble checked their program.

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**Water Polo Squad Takes Redlands, 6-3**

Caltech’s water polo outfit successfully opened the league schedule and also annexed their first win of the young season with a 63 victory over Redlands last Tuesday.

With the score noted at 2-2 at halftime, two quick Beaver goals pushed the winners permanently ahead.

Bob Ruby and Doug Danham topped the scoring column with two goals apiece.

Coach Web Emsry, faced with the loss of All-Conference goalkie and the entire first string, has been experimenting in hopes of finding a replacement for the league season. In the Redlands game, sophomore Marshall Buck and seniors Mike Mann and John Walsh all saw action.

**Basketballers See Good Year**

Probably the best Caltech basketball team in several years began practice this week.

Twenty-one men turned out for the first workouts. Included were all the lettermen from last year’s team who did not graduate and the entire first string from last year’s frosh squad.

Top prospect is Fred Newman, who gained all-conference honors two years ago when he led the league in scoring.

Coach Gene Rock began practice earlier this year than he has in the past, in the hopes that his men will be in top shape by the beginning of the season.

**Interhouse Scurv Near Softball Win; Fleming Leads Cross Country**

The Interhouse softball race remained unsettled last week as front-running Ricketts could muster only a tie with Throop, thus cutting their lead over second-place Danhey to half a game.

Throop tied up the ball game in the bottom half of the last inning as scurv pitcher John Kesslar walked his way into hot water, then bailed the tying run across the plate.

Meanwhile, Danhey was staying right up there, winning two games quite handily. The darbs thumped Throop 11-3, and then crushed Fleming 24-3.

The championship will probably be decided tomorrow, when Ricketts takes on Fleming in the last game of the season. Should Ricketts win, they couldn’t possibly lose the championship, but if they tie or lose, Danhey could sneak home first.

**Football**

(Continued from page 5)

**Pomona 21-10 and, most surprising of all, were mangled by Riverside, 23-6.**

**Fresh Creamed**

Caltech’s freshman grid squad, after holding a short-lived lead at the end of the first quarter, was totally batted into submission, 8-7, last Saturday by the Occidental parade.

Dave Barker flipped a long aerial to left halfback Chuck Ryavec to set up a first down at the four-yard stripe in the second quarter.

Meanwhile, Dabney was facing with a pair of goals. Gary Tibtetties connected for the third Beaver score.

The point was good and the losers attack with a pair of goals. Gary Tibtetties connected for the third Beaver score.

**Get satisfying flavor...so friendly to your taste!**

You can light either end!

**PALL MALL FAMOUS CIGARETTES**

You’re at home...outside...anywhere in the world...in a minute!

**Here’s why Smoke “Traveled” through Fine Tobacco Tastes Best**

1. You get Pall Mall’s famous length of finest tobaccos money can buy. Pall Mall’s famous length travels and gentles the smoke naturally....and makes it mild!

2. Pall Mall’s famous length travels and gentles the smoke naturally....and makes it mild!

3. Pall Mall’s famous length travels and gentles the smoke naturally....and makes it mild!