California Tech
Associated Students of the California Institute of Technology
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Number 26

We're Rich!

Females To Spark Glee Club Sing

The sound of female voices will brighten the atmosphere at the 10th annual Caltech Glee Club Spring Concert. (No, this isn't the only night of our fine Caltech Glee Club season.) A perfect bookend for your term, Pomona College Women's Glee Club will join the Caltech group in presenting "Spring Serenade" on Saturday, May 11, at 8:30 p.m. The concert will be held in the John Marshall Junior High School auditorium at 800 N. Al- len Ave., Pasadena. Tickets for the concert are free for members of ASCIT, $1.00 for other students, and $5.00 for adults.

The feature number of the event will be the division 15 girls. Rehearsing "Opus 17, for women's voices, two horns and a harp. The two horns will not be played by French horn players; they will supply the angelic touch. Spartan Harpist Elizabeth Elgin will sing Century English fancies by Jean McCarroll. Men's glee club. Freshman pianist David Plaut will accompany the group of items included jokes about the problems of eradicating the following issue of the bulletin. "We're all brothers under the skin." Some of the better spirited of the troops railed with a cry of "Reely careless," but the first day ended in defeat and disarray.

Spartan Valor Revealed At Caltech-Scripps Conference

BY BOB GILLION

Last weekend, a battalion of Caltech students, under the cover of the field of honor. These brave young men, dedicated to the principles of democracy, imperialism, isolationism, and apathy, pitted themselves against the other collegiate Scripposites. Our enlightened forces were placed on the defensive as a result of the following the issuance of the bulletin. "We're all brothers under the skin." Some of the better spirited of the troops railed with a cry of "Reely careless," but the first day ended in defeat and disarray.

Faculty Board Reviews Courses

On April 15, the Faculty Board approved several changes in various parts of the curriculum. Several of these are necessary, in certain option requirements. In the Chemistry option, the Cm 4-36 problem is no longer required. AM 8ae has been added to the third junior year, and AM 8b is to the first term. In the senior year, CH 18e has been dropped and will be replaced with a new course entitled "Special Topics in General Chemistry." AM 8b has been eliminated; second and third terms remain as they are now. The second basic change is in the addition of two La to go with CH 14ab; to be called CH 165, with seven units (1-5-1). This is to allow another term of organic lab to replace the lost CH 60a.

Chemical Engineering will no longer require AM 8ae. AM 8ae has been added to the third junior year, and AM 8b is to the first term; the senior year, CH 18e has been dropped and will be replaced with a new course the senior year, CH 91. Applied Chemical Thermodynamics, six units (3-4-0). AM 90e has been added as a new course at the graduate level, PH 269c, an extension of the present PH 259ab. The new course is entitled "Special Topics in General Chemistry." AM 8b has been eliminated; second and third terms remain as they are now. The second basic change is in the addition of two La to go with CH 14ab; to be called CH 145, with seven units (1-5-1). This is to allow another term of organic lab to replace the lost CH 60a.

The Biology Department has dropped the Room 4 requirement, while the humanities are to be increased. AM 96 and AM 97 are to be replaced with a new course, AM 96abc, first, second, and third terms. AM 96e and AM 97e are to be combined to form AM 96b.

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ASCIT Concert Proves Success By RODGER WHITLOCK

Last Saturday evening, the Munchkins presented the artistic review in Culbertson. The show was divided into three parts, each skill used in previous reviews; a film, "Last Year at Malibu," and a group of skills used in the show. The first night the audience were presented with the Peace Corps, love children, fathers and their daughters, jealousy, foreign aid, fallout shelters, life in Spain, and modern life in general. Among the most notable lines from this section were: "One of our sons has a girlfriend who lives in front of a monkey?" "My wife majored in bacteriology at Antioch," as well as "I'm a trialist; I fly the flag on St. Valentine's Day." The movie was the highlight of the evening; intended as a parody of the more notable foreign directors, it filled to full house. Filmwork and camera handling were completely dazzling at times, and a real treat for the audience.

The evening closed with a coffee reception for the cast at Ruddick; many of the audience talked with the actors and the cast. According to David Reissman, ASCIT Activities Chairmen, ASCIT Activities tickets were sold for a total income of $67.50. Profits were approximately $50, with $17.74 left. The concert, this of course, has been pledged to the newspaper.

YMCA To Host Riesman Monday

BY LARRY KABINOWITZ

David Riesman will present a major update on his "Insistence and Reaction in Higher Education," Monday, May 6, at 8:00 p.m. in the Huntington-Sheraton Hotel. Riesman, Professor of Social Sciences at Williams College, and a member of the Riesman and Variety in American Education, expresses the view that education is most effective when it serves as a contrast to domi­ nant and accepted patterns in culture.

Riesman has been concerned with American social policies and their domestic impact, and he will discuss American Foreign Policy." Monday, April 30, in the Winnett Student Center. Riesman suggests in a recent article in The New Republic that the U.S. is easier in the short run to con­ tain the Soviet Union than to contain our own domestic American energies mobilized be­ hind the Cold War.

On Monday evening, Riesman will meet with graduate students from 9:30 to 12:00 noon in an informal discussion in the YMCA lounge. He will again be avail­ able in the YMCA lounge at 4:30 p.m. to answer any questions from students on a personal basis.

The discussion Tuesday eve­ ning in the Huntington-Sheraton Hotel, has been entitled "The Changing American Character." Riesman, the subject of study, since changing careers from law to sociology, has been in the area of American culture and behavior. Riesman writes that the American is a male-dominated society. Even in the nineteenth century, he gradually being marginalized (or another) of quite a different sort.

Riesman will present his "Re­ sponse to the Holocaust" on Wed­ nesday, May 8, 4:00 p.m., in his final discussion in the Winnett Student Center.

Riesman graduated in 1954 from Harvard Law School to the join the faculty at the University of Washington as chairman of the Department of Economics. Since 1958 he has held the Henry Ford Professorship of Social Sci­ ences at Harvard.

Circulations Manager Comments

BY LARRY RABINOWITZ

The California Tech is looking for a new circulation manager. If you're interested, contact Don Rudick, or Don Green in Fleming.

UGLY AMERICAN

Students traded exchange tickets entitling students to one general admission for $1.00 (tax exempt) to the U.S. Vice President, he obtained from the personnel office or the Winnett Student Center Office.

SAILING CLUB

The Caltech Sailing Club will meet briefly at 7:15 Thursday right after the ASCIT meeting for the following two weekends.

OLYMPIAD TICKETS

Due to the expansion to the Flem­ ing Olympic facilities available to the gymnastics, the photograph taken by Dave Jarvis, Fleming Sophomore Physicist, all other classes, as well as all specta­ tors are eligible to purchase these. (Going fast, only 750 left. Get yours for $0.05)

THURSDAY COFFEE HOUR

There will be a Coffee Hour each Thursday from 3:30 p.m. in Winnett Lounge.

PRIEST SPEAKS HERE

This Monday evening Fr. D'Only will present his views on freedom in the Catholic Church to all interested individuals. In room No. 1 Win­ nett at 7:30 p.m.
Logic Is Still Best

In the last few days there has arisen a new insurgent force on the ragged PE battlefield, a call to arms for four years of required participation. One of the nefarious publicity ploys of the "PE school" was a letter submitted to the faculty strongly urging the retention of the present four-year system. The second manifestation of this growing sickness is printed in the column to the right. This quartet, speaking for "a large number of students," stands squarely in favor of four required years of PE.

At this point, it may be highly instructive to sample a bit of the evidence tendered for this dire need of a four-year PE program. The two epistles speak tearfully of the "somewhat different life" of the Caltech student and the necessity for a PE program to provide "valuable physical exercise and relaxation from studies ...." The letter to the faculty sees beyond this truism, discerning the manifest advantage of the retention of the present four-year system. The second epistle is cast in a form that would make it more beneficial to the average Caltech student. For example, complaints have been registered against the volleyball class, while the letter to the faculty implies that "it should have. That a class can be successful is emphasized by the swimming class.

Yet the above does not point out the real need for four years of PE. In fact, it is a rare thing that many people will think of other schools which have a much smaller P.E. requirement. The most important argument against shortening the P.E. program at Caltech is that we have a somewhat older student body than the average school. Most evidently we do a tremendous amount of mental "exercise" and it is well known that a very healthy student can derive a great deal of benefit from physical education resulting from such work. To do is to do a certain amount of physical "work" that would be the incentive to return to it? Probably none.

Beginning physical education, even a small requirement as we have now — less than 2% of our time — provides the necessary impetus that we do not have a fitness program. We believe strongly that the P.E. program should continue to be a four-year requirement.

—Don Green
J. C. Simpson

Disneyland Features Band
In Plaza Gardens Concert

By Tom Lubenky

Last Saturday afternoon, the Caltech "Concert" Band made one of its rare public appearances away from Dabney Lounge and the Rose Bowl. It presented a two-and-a-half-hour concert at the Disneyland Plaza Gardens. The concert consisted of light and popular tunes, adaptable to the ice-cream parlor atmosphere along with the Plaza Gardens: a mase, a pass doble, an overture, and excerpts from Camelot. The band was well-received.

Letters

Some Favor PE Program
For Four Years

Editors

As may not have been altogether apparent during the recent discussion of physical education requirements, there are indeed several who are in favor of a retention of the four-year program.

It is admitted that there are several changes in the present program which would make it more beneficial to the average Caltech student. For example, complaints have been registered against the volleyball class, while the letter to the faculty implies that "it should have. That a class can be successful is emphasized by the swimming class.

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J. C. Simpson
Webmen Lose To Oxy; Conference Meet Here

SPORTS

In the final dual meet of the 1963 Swimming Season held last Friday in Alumni Pool, traditional rival Occidental College handed the Caltech varsity team a 84-46 defeat. The margin of victory for Occidental was provided by very close victories in the two relay events; Oxy won the 400 yard medley relay by just a touch and took the 400 yard freestyle relay by only :52.9 seconds. D. Demirlioglu was scorer for the varsity, winning Conference other victories.

George McBean was again high scorer for the varsity, winning the 50 yard backstroke in 23.9 seconds and the 100 freestyle in 23.9 seconds. D. Demirlioglu captured the 200 yard butterfly, Dave Selb won the 500 yard freestyle, and Chuck Amrein amassed 95.65 points to win the diving event for Tech's only other victories.

Caltech freshmen established three school records and one conference record in their meet. The medley relay team of Bill Owens, Pat Miller, Rich Nielsen, and Larry Anderson posted a 4:10.0 mark for a school record, although they did not win the event. The freestyle relay team of Owens, Nielsen, Anderson, and John Walter set another school mark of 3:41.6. Anderson also added to a 51.8 clocking in the 100 yard freestyle to establish both a Conference and school record for freshmen.

Caltech is again hosting the Conference Championships Swimming Meet, and The Tech varsity team is the defending league champion. Preliminaries were held yesterday and the finals will begin tomorrow at 3:30 p.m.

Netters Downed By CHM

Claremont's undefeated tennis team rolled over the Caltech varsity last week by the score of 6-3. The match was much closer than the score indicates, but the better team won. The Beavers now face the easy part of their schedule with four matches which they should, with a little work, be able to win.

The only winner against CHM was Dave Owen, 6-2, 6-7. Other scores were: Burt Neill, 4-6, 6-7; Al Limpo, 16, 68; Ray Pual, 14, 6-7; Don Green, 6-4, 5-7; Neill-Limpo, 6-4, 6-2.

Whittier this coming Saturday, May 4 at 1:30 in Tournament Park. Student support is welcomed. On the weekend of May 10-11, Caltech will host the conference tournament for both varsity and frosh netters.

During the past weekend Burt Neill and Al Limpo represented the Beavers at the annual Qal tennis tournament. Limpo was defeated by UCSB's top man, 63, 61, and Neill lost to Pomona's best man, 63, 61. In doubles they won their first match by default before bowing to a San Jose State team, 63, 6-4.

One of the seven golden keys to brewing Budweiser.

Baseballers Edge Past CHM For Second Straight Victory

The Caltech baseballers scored their second straight victory over CHM last Wednesday, when they won 8-7 in a game played at Claremont. Bill Hicks pitched well through most of the game until the ninth inning, at which time Dave "Reliable" Hewitt came in to put out the fire. Bill Weber hit three pop fly balls which normally would have been outs, but with the tricky wind went for base hits. Jerry Gown, Gary Dahlan, and Barry Moritz also connected for safeties. The Tech took all the way, at one time by a margin of 8-3, but it took Hewitt's "Anticipation Ball" and a diving catch by Morta to make the final out, with the winning run at the plate.

This season is already the best a Caltech baseball squad has enjoyed in seven years, and much more remains for the future. With doubleheaders against Pomona and Redlands coming up soon, the varsity may well move into fourth place in the league standings.

Interesting statistics up to the Claremont game include: Dave Hewitt has yet to give up an earned run in 17 innings of league play; Dave Barker has 8 hits in 18 trips, for a 300 BA.

Aging on Beechwood Chips!

Budweiser rests on a dense lattice of beechwood during a long period of ageing. This contributes to the mellowness—the clarity—of the King of Beers. One of the seven special things we do to make your enjoyment of Budweiser even greater!
"The ignorant work for the fruit of their action."

It comes to Beak's attention that after last Saturday Munch, certain of the denizens of Roof House were celebrating the arrival of Timeaving to the glorious Southwest with indecorously mixed activities. Some participants chose not to return to their roommates till the wee small hours, and assuredly the undeterred champ was the legendary Son of Nell, whose Nordic wench brought him back at the toll of ten. By far the fascinating tale concerns one Nil, who returned with seven strikes; according to him: 2400, Lv Telc: 0150 = 0200, Ar Mug's In holly-woods: 0200-0300, influx of vittles; 0900, Lv Mug's; 0400, Ar Pus.

Logie

Unfortunately, said Nil's filly's fatherly parent earnestly requested presence of offspring back as next on or before 0200. Thus, rather than disappoint tottering old fellow, Nil decided to wait for departure of said parent for salutations at 0645, so that confrontation is narrowly avoided. However, 0030, mather calls Rootofl sa, with "Where's my daughter?" said as having himself arrived near phone at 0500 and threats of action by good-americans: 0645, totterer totores for all; 0900, Ar Nest of Filly, by Nil et al: 0615, return of totterer and ensuing etc.; 0700, Nil wearly totores to roomate, with flecks of foam about orinalness. Pff! Veracity of Nil's story was completely unsubstantiated by check on miles traveled by car, borrowed by Nil from Telc. Odometer reading indicated impossibility of recent jaunt to holly-woods. All this aside from fact that location of Mug's slipped Nil's mind when questioned.

AutoRF

Agfrosh Ag was recently turned into Basement before very eyes of onlookers. During his weekend voyage to Home and Herath, room of said Agfrosh was broken and entered by jolly playmates. Playmates then filled all possible cavities in room with appropriate fillings. Then, to culminate frustration, door of room was deulked of lock towards, so that rotation of knob produced negligible effect. Upon arriving back at Ruge, Agfrosh and paterfamilias were engangingly FOV'd at inability of knob to function properly. Jolly playmates presently offered to rectify problem as a Publicservice, then found their hypervent was an autorf: they too were out of it.

Solution: telekinesis of helpful emissary by transmutilation of energy barrier through nextdoor pullman, rectification of door, end of problem. Interestingly, this marks the second time fresh locker has pulled autorf and was forced to seek outlet through telekinesis.

Do you think Charlie can win a ribbon?

That's what Joan Anderson, 4-H girl, is striving for: a blue ribbon for Charlie at the County Fair.

Working for excellence is one of many fine principles which the 4-H Club and Future Farmers of America inspire in their youthful members.

Honoring their purposes, our Company annually provides 74 first-year college scholarships for 4-H and FFA to award to deserving members in the West, Alaska and Hawaii.

Joan Anderson plans to apply for one of these.

This is part of the nearly $1.5 million we contribute annually for scholarships, fellowships, grants, services and materials for schools. We deem it a privilege to give this support.