

Lucky Pierre To Be Chosen This Evening

A demonstration of RAW GUTS tonight will mark the high point of the year for the seven fortunate frosh chosen from each of the Student Houses who will attempt to uphold the honor of their respective Houses in test of speed, skill, and virility.

Above the din and chaos of this daisy chain held annually in the Blacker courtyard arises the question: who will be Lucky Pierre? (That there could be only one among seven daisies seems to be a topological impossibility; such are the vagaries of life at Caltech.)

Bad!

The contest will be judged by the ladies of the ASCIT play: Susan Novalis, a tall, striking (if you get too close) blue-eyed brunette, will drive the basketball players to distraction and shorter Teckers to suicide. Tina Carter, the personification of the talented seductress whose flashing smile is well known to Teckers returns once again to wreak havoc among the faint-hearted; Holly St. Clair, a well-packaged bundle of energy, could pass for anybody's kid-Lolita; and Helen Peters, who will destroy you even if you don't like blondes.

Games

The object is to 1) snow the female judges, 2) incur the derision of the spectators, and 3) failing the first, inspire widespread barfing by an excess of the second. The competition will include such all-time favorites as drinking beer through a straw for time, the one-man relay race (using a raw egg on a spoon for baton), and the "free-style", or "make-an-ass-of-yourself" contest.

The stout-hearted fool who survives these trials-by-fire and becomes Lucky Pierre will win fame and glory for his House, a bit part in the ASCIT play, and an opportunity to meet these ravishing lovelies.

Glee Club Concert Features Coed Sing

Having just returned from a highly successful tour to the East Coast — after one New York concert, a critic said, "That was a perfect concert!" — the Glee Club is honed to a high degree of perfection. The Club will present its thirteenth annual Home Concert on Friday and Saturday, May 6 and 7 at 8:15 p.m. in Beckman Auditorium. Shake it up, baby

Featured on the program are the Caltech Chorale, under Priscilla Remetta; the Women's Glee Club from Mount Saint Mary's College, under Paul Salamunovich; and The Kamehamehans, an authentic Polynesian group complete with a dancing girls. Soloists will be Frank Pate and Tom Oberjat, tenors, and David Grimes, guitarist (both nights).

The Glee Club and Chorale will combine to sing four numbers including Dello Joio's invigorating "O Sing Unto the Lord (Psalm 98)" and G. F. Handel's



—Chicago Daily News

Alinsky relaxes with relatively easy campaign in south-side Chicago before tackling the really hard-core ghettos, known to outsiders as "Student Houses" due to B&G coverup propaganda.

Alinsky Arrives Wednesday

"The most important lesson," says Saul Alinsky, organizer of the poor, "is that people don't get opportunity or freedom or equality or dignity as a gift or as an act of charity. They only get these things in the act of taking them through their own efforts."

Alinsky will visit the Caltech campus May 1-13 at the YMCA's second Leader of America. Alinsky will begin his program at 1:00 Wednesday, with a talk in Winnet Lounge on "The Democratic Dilemma." He will give his major address at 8:00 in Beckman, speaking on "The Urban Revolution."

More more more

On Thursday there is a Grad Sack Lunch program in the Y lounge at 12:00, and at 4:00 there is a panel discussion in Winnet Lounge. Professor and Mrs. Sweezy will host a reception at 8:15 that night. On Friday, Alinsky will have office hours from 2:00 to 6:30 in the Y lounge, for open discussion.

"The Lord is a Man of War" from the oratorio *Israel in Egypt*. Dave Grimes will then play Albaniz's "El Pollo" ("The Chicken"), followed by the Glee Club with selections by Mozart, Thompson and Holst.

Duet

The Mount Saint Mary's Glee Club will present a series of selections including Paul Hindemith's "Song of Music", after which they will be joined by the Caltech Glee Club in "How Lovely is Thy Dwelling Place", from Brahms' *Requiem*.

The Madrigal Society and Quartet will offer several numbers, followed by a section entitled Songs of Hawaii, with the Glee Club and The Kamehamehans. A De Cormier arrangement of a spiritual and selections from *The Sound of Music* top off the evening.

Admission for ASCIT members is free—show your Student Body card at the door.

Alinsky's beliefs make him the target of attacks from all sides. He argues that the present welfare programs serve primarily to perpetuate themselves, and that they tend to create slum dwellers rather than helping the people help themselves. His method is to go into the area and teach the people to organize themselves into a powerful voice, so that

(Continued on page 5)

Seniors Flee to Beach as Frosh Attack Rooms

Senior Ditch Day, that annual exodus of seniors to the beach, so analogous to a migration of lemmings (small furry creatures), has finally arrived today. At the time this article was written (last Tuesday), our random roving reporter had surveyed all of the seven Houses and came to the conclusion that it might be mainly a new House sport this year.

Except for those of Dabney, the old House seniors seemed to have been struck by a severe epidemic of apathy. The old men of Ricketts and Blacker had no plans to barricade their rooms against the onslaught of frosh. The old Phlegms showed no sign of knowing what Ditch Day is. The seniors of Dabney—Fred Schultz that is—all planned to stack their rooms but offer no inducement to the gentlemen frosh to have mercy.

Conger Prize Up For Grabs

Fifty dollars in cash will be awarded to the winner of first place in the 55th Annual Conger Peace Oration Contest to be held in Winnet Lounge at 11:00 a.m., Wednesday, May 18. The second place winner will receive \$25.

Any undergraduate who has not been a previous Conger Contest winner is eligible to compete. The rules are simple: the oration must be the original work of the contestant, it must be read

Adventures Plotted for Lost Weekend

by Sharman

The results of a recent nose-count survey have revealed that Lost Weekend will be small this year. A total of less than 100 people seem to be interested; apathy is rampant.

The weekend, as planned, begins with a Polynesian candle-light dinner, complete with chopsticks and Polynesian candles. The menu consists of Teriyaki (sweet and sour shrimp for Catholics), vegetables, Mandarin oranges, and almond and fortune cookies for dessert.

PCC wins big

The prom will be at the Hotel Continental on Sunset Strip. A map will be provided for navigation and parking at the hotel is 50 cents. Saturday morning will see exactly 50% of participating Teckers march to PCC to take the Selective Service test. Of these 36.4% will recover from the ordeal on the sands of Catalina while 47.9% will have already arrived at Catalina on a morning boat. Brunch, Sunday morning, will be at Manning's as usual.

The cost breakdown was established in the last meeting of the BOD. Catalina will cost \$8; the Friday night dinner will cost \$2.50; brunch will be \$2.00; and room for the girls will be \$1.25

a night. This meeting brought out Cumming's true nature as he slyly worked the ASCIT subsidies to minimize his bill, the fox.

Preverts

The survey also revealed the perverse tendencies of the Student Houses. Ricketts agitated for a formal dance, "Remember the Tuxes," being their battle cry. Various obscene threats on the life of the ASCIT Social Chairman were received from Ruddock in their drive for a boat of morning draft dodgers. Along with similar threats, Dabney wanted to go to the Isthmus in the morning.

Arithmetic

Of the 96 couples participating in Lost Weekend, that is those who turned in forms in this fantastic survey, 51 girls will be living in Ruddock both nights, 5 girls will visit but one night and 1 Tecker is moving to his girl's house for the weekend.

Forms demanded

Commitment forms are now available from House Social Chairmen. If you are attending Lost Weekend these forms are necessary. If you sign, you must pay; if you don't sign, you can't come. These forms must be signed in blood and returned to your friendly neighborhood ASCIT Social Chairman (Geo. Sharman, 72 Fleming) by Sunday night, May 8, 1966, 9:00 p.m. Late forms, of course, will not be tolerated. Alterations will be handled solely by the ASCIT Social Chairman (if you can find him).

The weekend schedule is as (Continued on page 6)

Notices

SPECTACULAR FLICK!

See . . . the murderous hordes in a palatial penthouse . . . a cast of thousands . . . the documentary film, "Point of Order", on the late Sen. McCarthy and his exploits will be shown tonight, only, in 22 Gates at 7:30 p.m. Admission is free and no HUAC subpoenas are needed!

PRIMARY PRECINCT WORK

Anyone interested in doing precinct work in the Democratic Primary should contact Jim Fishbein, Dabney House (681-8830).

THE CALTECH CHRISTIAN FELLOWSHIP

will feature Professor Paul King Jewett of Fuller Seminary this Friday, May 6, at noon in Chandler. The topic will be "Sunday and the Space Age".

PRICES SLASHED

The Xerox in the Y workroom now is operated at the price of only five cents per copy.

\$100 MISSING

Two fresnel spotlights, one 20 amp variac and two red 50 foot extension cords, all CIT drama club property, are missing. Anyone knowing the whereabouts of any of these contact Grant Blackinton via the "B" box in Steele.

little t

Officers of the campus organization should submit a short statement on purpose, activities, etc. of your group to A box in Blacker House.

Editorial

An Interhouse Alternative

The Student Houses at Caltech spend enormous amounts of time and money every year on Interhouse Dance. Last year, Lloyd spent in excess of \$1100, but this is admittedly an exception. Using \$500 as a working average, the Houses squander an estimated \$3500 annually for one night's dance decorations. The high-pressure Houses like Ruddock mobilize legions of harried frosh the week before the climactic evening. The fruits of such awesome investments are not worth the expenditure, to a great extent because it's all over in one night.

Teckers are chronic complainers, so any particular complaint must be evaluated closely for signal and noise. The cry for a place to "get away from it all" has persistently cropped up recently, however, especially in the springtime. The pressure of Caltech highly-competitive academic atmosphere weights heavily as the vernal season arrives, as birds begin to sing and flowers to bloom. A break in the routine, along the lines of Lost Weekend, would be refreshing.

But Lost Weekend, like Interhouse and Christmas, comes but once a year. A mountain or beachside retreat, bought with the money we didn't spend on Interhouse, would be available all year 'round for Teckers to flee the twin ivory towers of Bridge Lab and hie away close to Nature. Dates would be pleasant but not necessary. Upkeep would be considerably less than \$3500 annually.

The plan is this: abolish Interhouse Dance as in the past; make it just another social event. Borrow \$50,000 from the Institute or some friendly bank on Lake St. and buy a cottage, either in the San Gabriel Mountains or the Pacific coast. Pay the loan with the \$500 collected each year from the seven Houses, which amount may diminish after the loan has been paid. And we'll have ourselves a hideaway.

—Meo

John Middleditch



by Bone

The Ice House offered a delightful evening of entertainment in the folk blues vein on Monday night. At first I rejoiced to learn that they offered some grass-roots folk music—perhaps they would gradually abandon their usual diet of well-digested commercial pap—but then, to my disappointment, I found that this was a one-night special presented by Los Angeles folk promoter Ray Bowman.

The evening began with a three-number set by a blues harmonica player from Oklahoma named Chris Chambers, who claimed to be the grandson of a freed slave. Chambers has talent, but needs practice. His lack of experience showed in his single spiritual number, but he certainly knows his blues harp. He seemed to be somewhat lacking in dividuality of style; that will come with time and stage experience, and we should see more of him. Unfortunately, his guitar accompanist seemed to be an even less experienced performer.

The second part of the bill consisted of Singer-Guitarist Elaine Gealer, formerly of the Womenfolk. Miss Gealer was supposed to "interpret the city side of the blues," but I do not consider her much of a blues singer (or instrumentalist). She has a good soprano voice, but her singing and playing were far too mannered to have much to do with the blues (shades of the Ice House).

Her material was another story, however; she sang a few good city blues numbers, some of them her own compositions. (Perhaps a digression is in order here. Urban blues singers are usually primarily musicians. Their playing and singing are more polished and tuneful, but not usually as visceral as that of

country bluesmen; the latter are laborers who sing about the blues imposed by a rough, insensitive environment which often relegates them to positions approaching slavery. More often than not, country blues performers are born and live inside the blues, from which they use their music as a temporary escape.)

Miss Gealer's arrangements, however, damaged the blues quality of her music. Her playing style was rather unimaginative and extremely simple; she merely did competently but unfeelingly what hundreds of others have already done.

The star attraction was Mance Lipscomb, country bluesman par excellence, who was "discovered" in the cotton fields of Brazos County, Texas, in 1960. At 71, Lipscomb is a great-grandfather who for 42 years earned \$150-200 a year farming cotton.

His material was some of the best blues I have ever heard, and he has a seemingly infinite supply of songs dealing with the hardships of those 42 years. Although he looks every year of his age, his singing voice is that of a man half as old. His guitar picking is superlative; I could hardly see his fingers, and even when tuning up he threw off some amazingly fast and inventive bits.

The songs Lipscomb sang ran the gamut of the blues style, from a fast rag like "Mamma Don't Allow No Boogie-Woogie Round Here" to some fine slow blues like "Goin' Down Slow". Most of his material was of his own composition, including some familiar (to blues buffs) tunes such as "Silver City Bound"; he sang a few other familiar songs, the origin of which I don't know, "Keys to the Highway" and "Keep on Truckin'". Lipscomb's show also included impressive

(Continued on page 5)

Letter

Editors:

We feel that a great injustice is being done to a member of the physical education department. Coach Dean Bond is being fired as of the end of this year. We, the athletes and students that have been associated with him, feel that this is one of the worst moves the PE department could make.

Bond has shown himself to most important, interested in the players. Through his handling of the teams he has shown to us, the players, that he is one of the most capable coaches that Caltech has. His loss would be a tragedy to the already tragicomic athletic department.

We realize that athletics at this school are not taken seriously. However, this does not mean that the chance to retain an excellent coach should be thrown away.

(Signed)

The Entire '66 Varsity Baseball Team and 66 other undergraduates.

(Note: The letter received a small circulation before the paper went to press. No one refused to sign who had been acquainted with Bond.)

Ar-r-gh

There is one gem on this campus
Called the California Tech!
If it wasn't for that paper
The news you'd never get.

It's really full of info'
Which we always like to read
Also lots of humor
Giving a laugh that we all need.

Lt. Newton

Debate Team Draws Blood At Cerritos

In a strong final showing, Caltech walked off with a substantial share of the winnings as the Alternate Spring Championships at Cerritos last weekend brought the season to a close. By now all are heartily sick of law enforcement as a debate topic, but the squad stifled yawns and went to work.

The competition among the Lower Division teams was some of the roughest seen this year as many schools sallied forth knowing full well that this was their last chance to draw blood.

Gary Cable and Mike Nolan came through with a highly respectable 3-3 record, but Mark Jackson and Neil Wright went one better as they emerged from the prelims as one of only eight teams in more than fifty to get the quarterfinal nod. They were finally defeated in a 2-1 split decision.

Senior trophy

Dave Close and Fred Lamb, displaying their usual polish, copped another trophy for Caltech in the Upper Division. Taking four of their first five rounds, they came to grief at last in a special face-off with the only other team having an equal record, but took home second place gold nonetheless.

With competition at an end, efforts have shifted to preparations for next year. The national topic is now in the midst of the selection process, and work is progressing on preliminary mailings for next February's Caltech Computer-Controlled Tournament under Jackson's leadership.

Caltech Drags Jordan Safely Through MUN

San Francisco, "Everybody's Favorite City," welcomed Caltech's Model United Nations delegation for four hectic days last week. The pseudo-Jordinians deliberated in various committees for two of these days, then piloted the Middle Eastern nation through two days of chaotic General Assembly sessions with nary a scratch.

White rules

Dennis White, who succeeded to delegation chairmanship because ASCIT President Fred Lamb had to go to a debate, was a member both of the Security Council and the Executive Committee; he followed the Western Bloc line on the former and was witness to the dramatic moment that San Diego State walked out of the latter, quitting as participants in the Model United Nations in the near future. White also made the final choice on Caltech's request for a country for next year's convocation.

Few results

Joe Rhodes, on the Special Political Committee, engineered a historic reconciliation with Israel over the Jordan Rivers problem, only to miss its appearance on the floor of the G.A. A resolution co-sponsored by Caltech was reported out of the committee, but first on the agenda was the International Year on Human Rights. A joint Jewish-Arab appeal failed by a close vote at the last minute, and the delegates returned to deliberation of the dissemination of human rights information.

Will Manning, former Harold Wilson, attended the meetings of the Charter Review Committee, at which the 1965 Incorporation of the Model United Nations was declared illegal. All of the recommendations for improvements, however, were killed by the Executive Committee.

Mike Meo became the most loquacious member of his Social, Humanitarian, and Cultural Committee, giving speeches right and left to snow the SYT's. No productive results came of his efforts, though.

Barry Liebermann, on the Economic and Financial Committee, at first participated in a lot of debate, but disillusionment set in eventually. His final recommendation to the delegation included two "yesses" and one "abstain" — all not very controversial.

Other members of the delegation included Rich Flammang, Bob Cooper, and Lynn Melton. Once in General Assembly, the busiest delegate was Joe Rhodes, who wrote a voluminous amount of messages to a wide selection of nations. He lost his book on the Spanish Civil War, allowing the Secretary-General to announce its find to the Assembly.

Livening up the last session of the G. A. were a number of machinations, including the bodily removal of a good portion of the Portugal delegation by the Security guards, the announcement of an Israeli raid by Lynn Melton, and the bombing of Mozambique by a zealous Zambia.

Queen Candidate Seduces Editor

The time has come when Teckers can vote in, of all things, a beauty contest. The contest is run by Omitron Mu Delta, a PCC service fraternity, to elect their queen. Blonde candidate Jean-

ette Eix came in, blinked her lovely blue eyes at Tech editor John Middleditch, and explained the voting.

Anyone can vote in the election any number of times for 1 cent a vote, until 1 p.m. this Friday. To vote, contact Bruce Stern in Blacker; John Lehman in Dabney; Erik Storm in Fleming; John Middleditch in Lloyd; Myron Mandel in Page; Rick Hartzman in Ricketts; or Terry Bruns in Ruddock. The money is tax deductible, and goes to two scholarship funds.

All teckers are also invited to the Omitron Mu Delta carnival from 6-12 p. m. Friday, at Hornell Field, PCC. The theme of the carnival is "Polynesian Paradise." Candidates will appear in grass skirts (hope for high winds.) There will also be game booths (privacy!!!).

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The Warmetodt Approacheth

Synchrotron Horn Beeps A Belated Bev Ballad

by Tim Hendrickson

Anyone who has been in the Synchrotron Laboratory while the toroidal accelerator was in operation has heard the random, unchromatic song of the synchrotron horn. The incessant blating echoes eerily through the hollow building, and if one thinks of some strange Siren voicing the music of the fundamental particles, he is not far wrong.

The frequency of each bleat of the "beeper," as it is affectionately termed by those using the synchrotron, is proportional to the strength of the particle beam in the final stages of acceleration. This makes the "aural indicator" (the horn's formal denotation) a most useful tool.

For example, Dr. Ricardo Gomez, a senior research fellow in physics, explained how the beeper makes it easier to monitor the synchrotron beam. Instead of steadfastly watching a signal trace on an oscilloscope, fearful that if one blinks or glances aside he may miss something of note, one can let an exceedingly high or low shriek of the beeper alert him to a noteworthy beam trace about to appear.

Berkeley subverted

So useful is the horn to the Caltech synchrotron people that when they have had to use accelerators at other installations, they have rigged up similar beepers there. Now the Berkeley Radiation Lab. has caught on and installed an aural indicator patterned after Caltech's beeper.

Simple in principle, the beeper was invented around 1958 by Dr. Matthew Sands, then a professor of physics at Caltech. The circular path of the accelerated particles is considered the primary of an unusual pulse transformer; windings around the

path form the secondary. By Maxwell's equations the secondary signal, taken at the 40-megacycle probe, is proportional to the beam strength; this signal is fed into circuitry that outputs a frequency proportional to the current.

Gomez told how the original horn that Sands had built had a mellow bassoon-like tone. When in 1964 Sand's electron-tube generator was replaced by new transistor circuitry, the horn sounded like "a canary farting," in the words of graduate student Elliott Bloom. The situation soon became intolerable, so the circuitry was adjusted, and a short time later. The sawtooth harmonics had the tops lopped off, producing today's rounded tones, which range from 20 to 4000 cps.

Ex-lax for all your troubles

The erratic variances in the beam that produce the random music of the beeper are not simple to analyze. Some of the more important causes are irregularity in the amount of injected electrons, the intrinsic randomness of the phase correspondence between the incoming electrons and the radio-frequency acceleration cavity (which, like the timing between the field magnet pulses and the ejections of the incoming electrons, must be accurately tuned to achieve the synchrotron's 1.5 Bev maximum), and minute deviations in outside line voltage.

Assistant professor Dr. George Zweig stressed that "this is a very complicated phenomenon; day to day it's not clear what's affecting the beam." For months the people at Brookhaven had been tearing their hair over an unexplainable loss of beam, until a discarded razor blade was discovered inside their accelerator!

Sec's and Jobs now Available

by Firestone

If you need a job would you go to the post office? If you got horny would you go to Roma Gardens? Then, what's wrong with you? If you're horny and you need a summer job stop in at the placement office where not only do they have jobs but two lovely young girls to help you find them.

The two girls are Marion Dahl and Nancee Fossum and the two of them guard the entrance into Dr. Clark's office. From their vantage point they hand out jobs from ditch-digging to tutoring to semi-technical. All they ask in return is that the students show up for interviews with shoes on and a reasonable facsimile of a haircut.

Yea grads!

According to Marion there are more than enough jobs available for this summer. Someone got the idea this year of writing to old Caltech grads to see if they could find it in their hearts to take someone in for the summer and give him gainful employment. The response was overwhelming.

Both Marion and Nancee are kept busy during the day, mostly

tracking down students that promised to return forms weeks ago. Placement is not a haphazard operation at Caltech and the girls give the credit to Placement Director Clark. Thorough evaluations are done of each student so that "we don't send a Frenchman out on an algebra tutoring job, although it has been known to happen."

If they only knew . . .

Nancee and Marion find the placement office an interesting place. Marion has been there 2 years while Nancee is only a novice having arrived in September. However, neither of them have developed an antipathy towards the students. As Nancee says, "They just seem so . . . intelligent." Or maybe it's as Marion says, "It really hurst us when outside people say nasty things about the student body. There are a lot of normal guys here: we don't see them . . ."

Go get 'em

Actually both of these two young women find themselves engrossed in Caltech life as one of the fringe benefits of the job. As one of them said (and you'll have to find out for yourself

which one), "If they didn't invite me to parties, I wouldn't work here."

In addition to supplying help to students the office helps grads, alumni (no matter how old) and even faculty members who may be in need of useful employment. The office fields inquiries from other campuses that want professors also. Not all positions can be filled, such as the eastern school that wanted a dance instructor.

The placement office is open every day during school until 5 p.m. With luck you can be applying when both Nancee and Marion are around. Who knows, you might even get a job.

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Outstanding college and university students are invited to spend these semesters at sea, enrolled for 12-15 units of credit, applicable toward the Bachelor of Arts, Bachelor of Science and Bachelor of Music degrees, or 9-12 units toward the Master of Arts degree.

Onboard, students will experience a situation of intense academic concentration, supplemented by personal meetings ashore with men who are the world's leaders, monuments which are the world's heritage, and people whose apparent differences often prove to hide human similarities.

College classes will be held during 56 class days at sea in modern, air-conditioned classrooms and laboratories equipped with all facilities necessary for course work offered.

ITINERARIES: Fall 1966 Semester leaves New York October 20, duration 107 days; to Lisbon, Barcelona, Marseille, Civitavecchia (Rome), Piraeus (Athens), Istanbul, Alexandria (Cairo), Port Said, Suez, Bombay, Colombo, Port Swettenham (Kuala Lumpur), Bangkok, Hong Kong, Kobe, Yokohama (Tokyo), Hawaii, arriving Los Angeles February 4, 1967.

Spring 1967 Semester leaves Los Angeles February 7, duration 107 days; to La Guaira (Caracas), Port of Spain (Trinidad), Salvador, Montevideo, Buenos Aires, Rio De Janeiro, Lagos, Dakar, Casablanca, Cadiz, Lisbon, Rotterdam (inland to France, Belgium and the Netherlands), Copenhagen, London, Dublin (overland to), Galway, arriving New York City May 25, 1967.

ADMISSION: Students admitted to the program must meet regular admission qualifications of Chapman College and upon fulfilling its requirements will receive grades and credits in accordance with its regularly established standards.

For a catalog listing courses for both the Fall and Spring semesters along with rates, tuition and in-port program costs, fill in the information below and mail it to:

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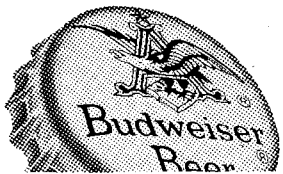
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TECH Sports

Sports Editorial

Tech Loses Motivation

Everyone accepts the fact that intercollegiate athletics are played at Caltech not for victory's sake, but rather for the benefit of the students. But the way the athletic program is set up, it is assumed, with a few exceptions, that we will lose, and the teams just run through the motions of playing.

It is not true that brains preclude athletic ability; there are good athletes at Caltech, but their talents are going to waste because they are not motivated to perform. In sport after sport, teams which could win lose almost all of their games. Meanwhile the players' interest slackens because he is not coached properly to bring out his true potential and also because he is losing when an occasional victory is possible.

This is not to say that we should emphasize winning over anything else, but rather that the players get the most out of a sport when they are working hard, are coached to their abilities' maxima, and have good team spirit. Most of our sports lack all these things. Notable exceptions are swimming, water polo, and wrestling; these teams have somehow captured the spirit a team should have. Most schools insist that their coaches produce winning teams; we should insist that our coaches motivate our players.

An example of a coach who managed to put fire into the athletes under him and to bring out their capabilities was Dean Bond. Unfortunately, he is not being rehired for next year; I, as well as all the football and baseball players he coached, will miss him sorely. We hope that his successor will be just as competent, but if he is he will certainly stick out among the present coaches. Bond was able, as others aren't, to make the players "put out" and like it, and that is the only way a team can truly compete instead of eternally being a doormat for everyone else.

—Peter Balint

Tennis Ends

In matches played during the past week the Caltech tennis varsity were victimized three days in a row. Against the USC Jr. Varsity they lost 5-0 on Thursday. Against Loyola on Friday the losing score was 5-4. In both of these matches the team was one man short due to illness. Redlands defeated Caltech on Saturday 9-0 which isn't news, but the fact that they did it with their four top men playing in another tournament reflects the strength of their squad.

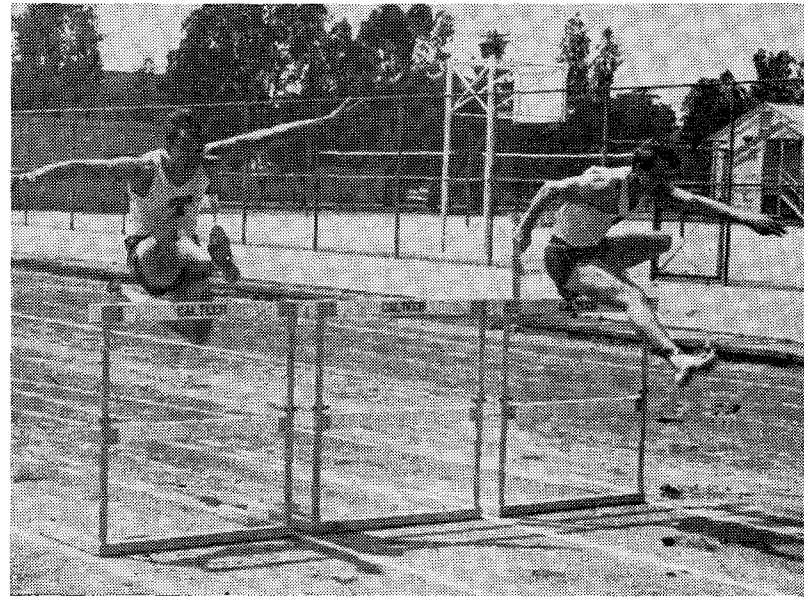
The squad played its last match of the season against CHM on Tuesday with a final result of 6-9.

The top players of the Varsity and Frosh squads will journey to Redlands for the conference championships on Friday, where Redlands is heavily favored to repeat its conference championship.

The Frosh also ran into Redlands strength and received a 9-0 drubbing, although Greg Evans did win a set in a close match. The Frosh also closed out their season with CHM by a score of 6-9.

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Gus Schultz (right) and Tom Burton are way out in front as they streak to a one-two finish in the 120-yd. high hurdles. The points helped power Caltech to a win over Whittier. (See story)

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Two Track Records Fall

Walt Innes vaulted 13'7" and Pete Wyatt was clocked in 55.8 seconds in the 440 intermediate hurdles to set two new Caltech records as the track team edged the Whittier Poets 77-68. Innes' performance was a breakthrough in a season full of near misses. Four times he had cleared 13'0" only to miss at 13'6". Finally all the omens were right at last Saturday's meet, and he vaulted 3" above the old mark of 13'4". Wyatt's clocking broke the record of 56.0 seconds which he had set earlier this season. The 440 intermediate hurdles are new to the Southern California Intercollegiate Athletic Conference this year, so Wyatt's time will go down as the first Caltech record in this event.

Caltech won the meet without the services of veterans Mike Meo and Fred Lamb. Meo's absence hurt in the distance events, while Lamb's absence cost points in the 440 yard dash and mile relay team had done considerably better than 3:32.5, the winning time recorded by Whittier. In general, the team looked sharp and seemed to be ready for the League Finals next week. The first place winners were:

Shot put, Glenn W., 49' 1/8"
Javelin, Nitta W., 183'
Mile, Calland, W., 4:23.4.
440, Stanley, CT, 51.9.
Discus, Glenn W., 149' 1/2"
100, Ryder, W., 10.2.
High Jump, Gage, CT, 6'2".
120 HH, Schultz, CT, 16.5.
Pole Vault, Innes, CT, 13' 7".
Long Jump, Graham, W., 21' 6-1/2".
880, Sucksdorf, W., 1:55.5.
220, Ryder, W., 22.6.
440 IH, Wyatt, CT, 55.8.

2 miles, Cross, CT, 9:49.4.
Triple Jump, Hughes, W, 43' 3-1/4".
440 Relay, Caltech, 43.9.
Mile Relay, Whittier, 3:32.5.

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Baseball Frustrating

Caltech baseballers had another rough, hot Saturday in the sun with little satisfaction to lean back on after the last pitch was thrown against Pomona at TP. The final two games with Pomona left the horsehiders on the short end, 5-1 and 12-9, after a heartbreaking 4-3 loss at Pomona last Wednesday.

With the final games of the schedule at home Saturday against Whittier, a pre-post-season analysis would have to praise the diamond-dwellers for playing ball on a par with every team in the league, perhaps with the exception of first-encountered Redlands which since has folded. A couple of crucial mental lapses and specific stickwork slumps have consistently robbed the team of fruits of victory. What with the other teams in the SCIAC losing a good part of their backbone to graduation, the Caltech squad poses no joking threat next year: with the exception of Tom Resney, Jim Aries and Phil Paine, a complete frosh-soph team filled the positions. The strength for next year is unquestionable.

Craig Helberg again carried the work-horse pitching load, working nine Wednesday, having his win taken away after an error and a walk and a home run erased a 2-1 Caltech lead in the seventh after two men were out. The batmen fought back in the ninth, bringing the score to 4-3 and putting men on second and third with two out. Resney then

cracked a line shot well over the centerfielder only to have the game end with the white of the ball hanging out over the web of the CF's glove after an over-the-head lunge. A plus for effort; that's all.

Rookie Helberg drew the mound assignment in the first game Saturday again, Fetting having jammed his pitching fingers. The Teckers couldn't get rolling at the plate and played a mediocre game overall for the mediocre 5-1 loss.

Importance

The second contest put Big John Frazzini ahead 8-5 after a 7-run uprising in the fourth inning, highlighted by one of Lonnie (Linus) Martin's triples. The hot dog frosh's bat has been booming and carrying most of the team's offense of late. A 4-for-7 day put him well up in the league batting standings with a .362 mark after the doubleheader, making up for Fetting's slump and Firestone's return to impotent form after amazing everyone with his prowess in the Wednesday contest.

Tuesday the horsehiders were at Whittier; Saturday will witness a doubleheader at TP.

Interhouse Stats Discobolus

Interhouse basketball has been over for a week, but the statistics, recently compiled, might be of interest to some people. Gray Jennings of Lloyd finished with a splurge, scoring 27 against Ruddock, to win the scoring race with 15.5 point per game average for six games. Lloyd, as a team, scored the most points, 331, and allowed the fewest, 157. Herb Jubin of Page had the best free-throw percentage with 14 for 20 for 70%. As a team Dabney shot 55.4% from the freethrow line, 46 for 83.

Talent was better distributed than last year; no team depended on just one man. In fact, with the exception of Ruddock, every team had two men who averaged in or near double figures.

After losing to Blacker in Interhouse competition, the Ricketts House basketball team re-deemed itself by edging its former tormentors 39-38 in a Discobolus game held last Saturday.

Blacker held a slight lead throughout the first two quarters and was ahead 17-15 at the half. The game continued to be close going into the final minutes. Down two with little more than a minute to go, Ricketts' "Mr. Clutch," Gary Ratner, stole the ball from Bill Tyler and tied the score at 38-38. Larry Dillehay provided the winning margin with a foul shot with only four seconds left.

Leading all scorers was Blacker's Mike Aschbacher with 15.

High man for Ricketts was Frank Potter with 14 points.

Ricketts plays Ruddock in softball this weekend as the next Discobolus challenge.

Ice House Uncool

(Continued from page 2)

playing in the knife-blade style; this consists of tuning the guitar to an open tuning and fretting it with a knife blade or similar piece of metal or glass. The tone thus produced has a whining quality particularly well-suited to the blues.

Lipscomb will appear at the Ash Grove until this Sunday, along with Lightnin' Hopkins, another excellent country bluesman.

"Und die Sonne Homers, siehe! Sie lächelt an uns."

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Cricket (again?)

The bats of the Caltech Cricket Club came alive in the Sunday game to the tune of 78 runs, the high for the season, only to lose to the even more potent bats of the Los Angeles C. C. The LA team was one of the strongest Caltech faces all year, and the score of 137-78 testifies to that effect.

The high scorers for Caltech were Bob Pidgeon and Bob Huttenback with 17 and 13 runs respectively. Pidgeon got his runs one or two at a time, but the genial abbot was not so patient. He swung wildly, got three "fours" (equivalent to a home-run) in a row, then a single run, and then was bowled. The rest of the scoring was evenly distributed, as six players scored apiece.

The team has a bye this week, then travels to Santa Barbara on the 15th for a game which Caltech is expected to win.

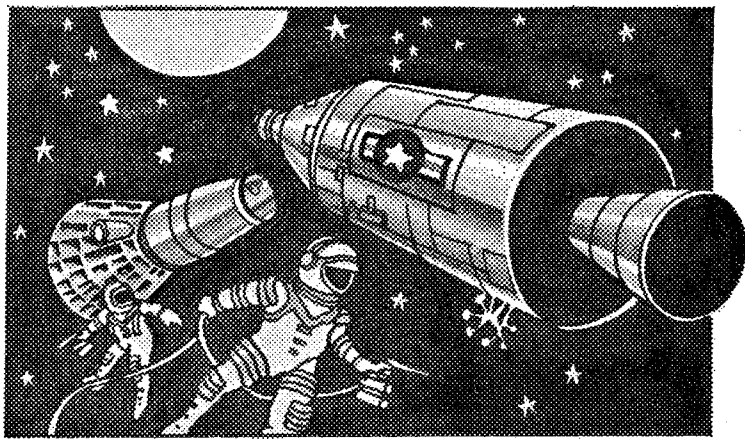
Raw Sores Rubbed

(Continued from page 1) they can help with the program planning.

Alinsky is often charged with "rubbing raw the sores of discontent." To this he replies, "Do you think when I go into a Negro community today I have to tell them they're discriminated against? Do you think I go in there and get them angry? Don't you think that they have resentments to begin with, and how much rawer can I rub them?"

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6. Space propulsion. As our space flights cover greater and greater distances, propulsion—more than anything else—will become the limiting factor. New fuels and new propulsion techniques must be found, if we are to keep on exploring the mysteries of space. And it may well be an Air Force scientist on his first assignment who makes the big breakthrough!

7. Pilot performance.

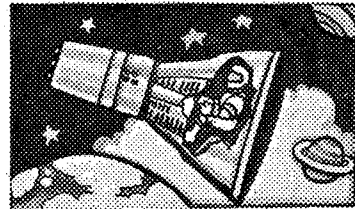
Important tests must still be made to determine how the pilots of manned aerospacecraft will react to long periods away from the earth. Of course not every new Air Force officer becomes involved in research and development right away. But where the most exciting advances are taking place, young Air Force scientists, administrators, pilots, and engineers are on the scene.

Want to find out how you fit into the Air Force picture? Contact your nearest Air Force representative, or mail the coupon today.

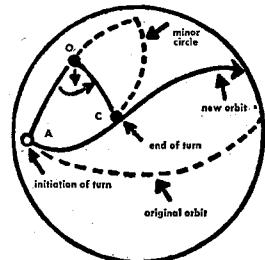
1. Repairs in space. If something goes wrong with a vehicle in orbit, how can it be fixed? Answers must be found, if large-scale space operations are to become a reality. For this and other assignments Air Force scientists and engineers will be called on to answer in the next few years, we need the best brains available.

2. Lunar landing. The exact composition of the lunar surface, as well as structural and propulsion characteristics of the space vehicle, enter into this problem. Important study remains to be done—and, as an Air Force officer, you could be the one to do it!

3. Life-support biology. The filling of metabolic needs over very extended periods of time in space is one of the most fascinating subjects that Air Force scientists are investigating. The results promise to have vital ramifications for our life on earth, as well as in outer space.



4. Space orientation. The orbital problems of a spacecraft, including its ability to maneuver over selected points on the earth, are of vital importance to the military utilization of space. There are plenty of assignments for young Air Force physicists in this area.



5. Synergetic plane changing. The ability of a spacecraft to change altitude can also be crucial to space operations. Where but in the Air Force could Sc.B.'s get the chance to work on such fascinating projects right at the start of their careers?

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Advance in Defense

"Let's advance on science — before it advances on us." Sage advice from the lips of Dr. J. Kent Clark, professor of English at Caltech, as he and Elliott Davis presented "Caltech in E-Flat" to an eager audience of 200 students and visitors at Winnett Center.

Clark's rendition of that old standard "Blue Genes" brought tears from the biologists who were aware that the blues are hereditary, while "That's not Gneiss" drew knowing glances from the geologists when it was related that "limestone and coral can never be moral."

Physicists lose big

The physicist's treat came with the profound ballad "Ideas". This tune presented the argument that most revolutionary concepts are born in the minds of young men. Therefore, since it requires many years to get your Ph.D., by the time you know enough physics to make discoveries you're too old to come up with new ideas. Conclusion: Physicists are senile at 24.

"For the Sake of the Republic" was a sad but true tale of student-professor relationship at Caltech. "They get us when we're plastic and beat us 'til

we're spastic." Amen brother, amen.

Take it off!

What a finale! "Down at the Burbank" gave the inexperienced an insight into the educational aspects of burlesque. At last, a school where no instructor "presents false credentials" and the student can see that true "form is fancy—and free." Then as Clark began to remove his garments, Winnett Center was raided by the Pasadena Vice Squad!

Don't believe this

There will be a scantily clad young lady passing through the Houses this week collecting donations to redeem "Tassles" Clark. Give till it hurts!

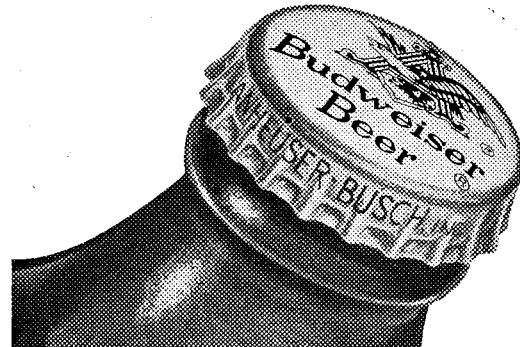
Bercel Speaks on LSD Tonite

How does it feel to go on a trip—an LSD trip? You may have your questions about LSD and other hallucinogenic drugs answered at tonight's Freshman Dinner Forum. All undergraduate and graduate students are welcome. Dr. Nicholas Bercel, a practicing psychiatrist in Los Angeles, will discuss the uses, effects, and dangers of such controversial drugs as LSD at 7:00 this evening in Chandler Dining Hall. It is too late to have your meal transferred, but you may still hear Dr. Bercel by going to Chandler immediately following your house meal.

Attention, Jule Lift!

You dropped your opener somewhere on the ski slope.

Go back!



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Karate Club to Unveil Martial Arts Tomorrow

Doug Holford won a black belt and Ping Sheng and J. K. Evans brown ones in the recent Southern California Karate Association rank tests.

Other members of the Caltech Karate Club to achieve distinction were Mike Foley, who made a grade just below brown belt, and the quartet of Bob Chan, Gavien Miyata, Martin Oiye, and Bob Spiger, who attained 6th kyu. Six other members also tested their mettle in the tests, given on the anniversary of the Master Funakoshi's death.

The Karate Club will give a demonstration of its skills this Friday at 4 p.m. in Scott Brown Gymnasium; free admission, everyone welcome. For information regarding the C.K.C. contact either Doug Holford, Fleming House, or Bob Spiger, Kellogg Laboratory.

Lost Week End

(Continued from page 1) follows:

Friday

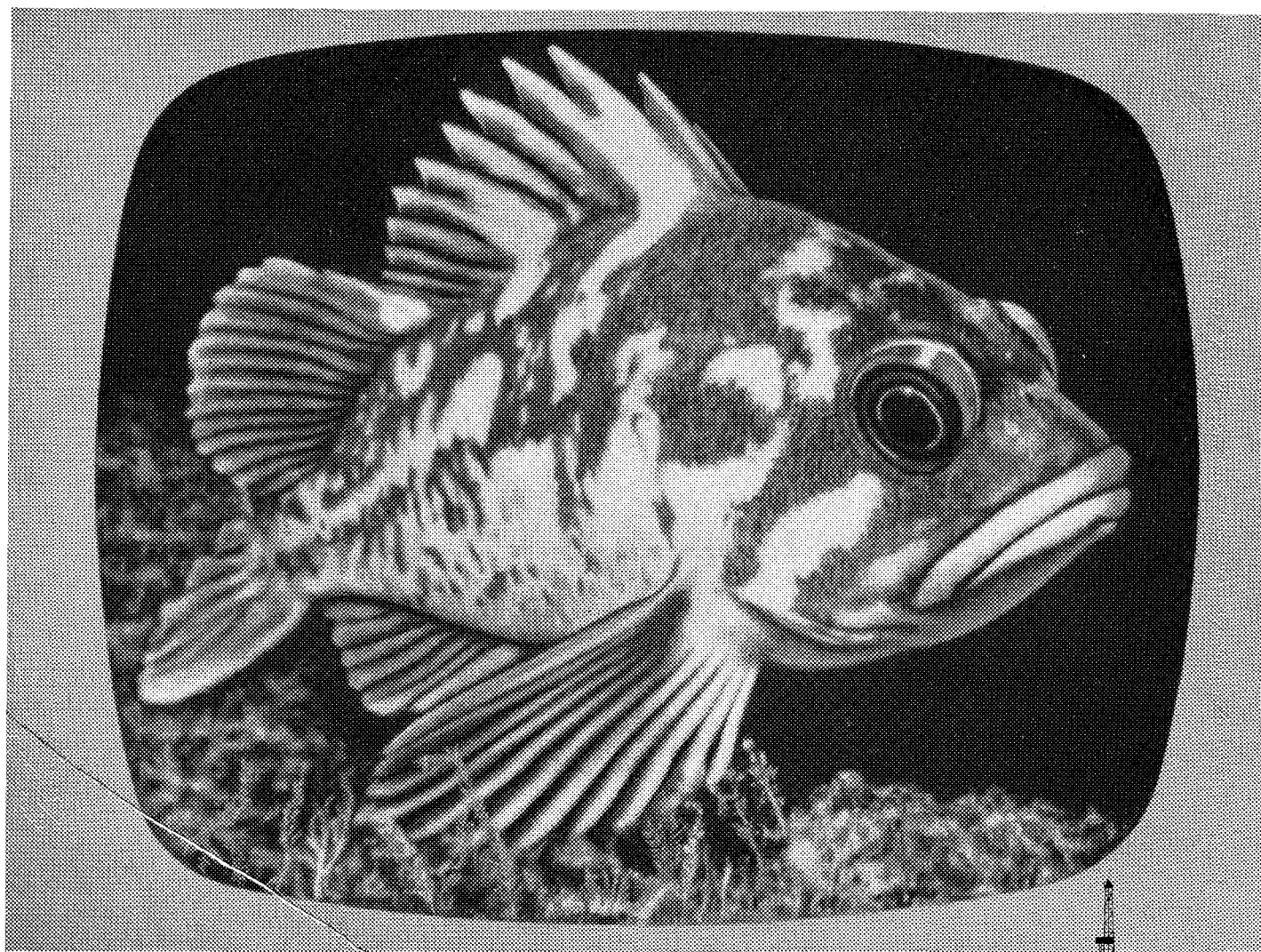
- 3:00 p.m. Girls check into Ruddock
- 6:00 p.m. Candlelight Dinner, Olive Court
- 8:30 p.m. All Class Prom, Hotel Continental

Saturday

- 10:30 a.m. Boat to Catalina, Avalon and Isthmus
- 2:15 p.m. Afternoon Boat to Isthmus
- 9:30 p.m. Depart from Isthmus
- 11:00 p.m. Arrive Wilmington

Sunday

- 9:00 a.m. Brunch at Manning's
- 11:00 a.m. Check out girls from Ruddock



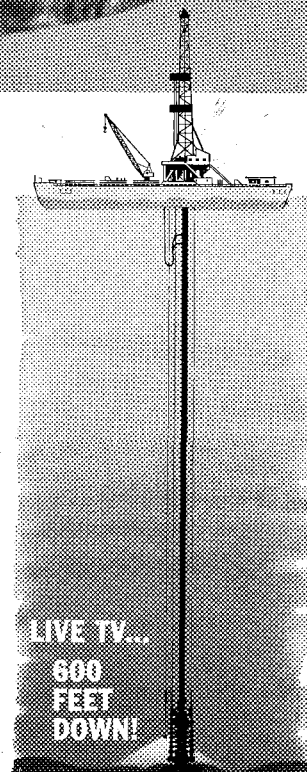
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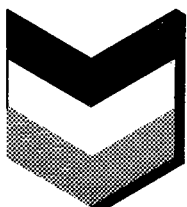
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