

Candidates Withdraw; Controversy Cools

by Dick O'Malley

Last-minute withdrawals and the addition of a write-in candidate for ASCIT President have entirely changed the complexion of next Tuesday's balloting for ASCIT offices. But what promised to be an inordinately interesting event is still inordinately interesting.

Most of the interest of the last few days has been in the sudden withdrawal of the candidacies of Alan Shusterman and Phil Naecker for the offices of Vice President and BOC Secretary, respectively. The current Board of Control had been split on the question of whether to support these candidates or the candidacies of Steve Grennan and Jill Becktold instead, but that question has apparently been resolved rather efficiently.

Editors Go Grey

In fact, it was resolved so suddenly that at least one *Tech* editor was prepared to write an editorial supporting a "no" vote for the two offices until an explanation could be given.

Unfortunately for the proponents of controversy, Shusterman says he withdrew simply because he didn't feel he'd have time enough to do the job as well as he'd like. Hence, Naecker also withdrew, because he'd considered his candidacy as that of a team with Shusterman.

This left the opposition (such as it was) in a quandry. The possibility of actually running a "no" vote campaign was mentioned, but was not seriously considered. In the words of one BOC member, "No such campaign was mounted since there were not sufficient flaws in these candidates to warrant it."

A Wise Move

The sudden reappearance of Larry Wise as a (write-in) candidate for President creates an excellent chance of having the election thrown into a runoff (probably to be held, if needed,

sometime next week along with the proposition that's somewhere in this issue). Jim Backus and Dick Beatty will be listed on the ballot, though, and Wise will not be, which makes it difficult to predict any kind of outcome.

The other withdrawal was that of Rich Feldman from candidacy for IHC Chairman (for tantamount to the same reasons as Shusterman's withdrawal). This cuts the race down to a traditional Page-Fleming battle between Richard Atwater on the south side and Dennis Mallonee to the north.

Fools Walk In

The only other race of truly

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Watson Lectures

Hoyle Draws Two Full Houses

by SMC Sweeney

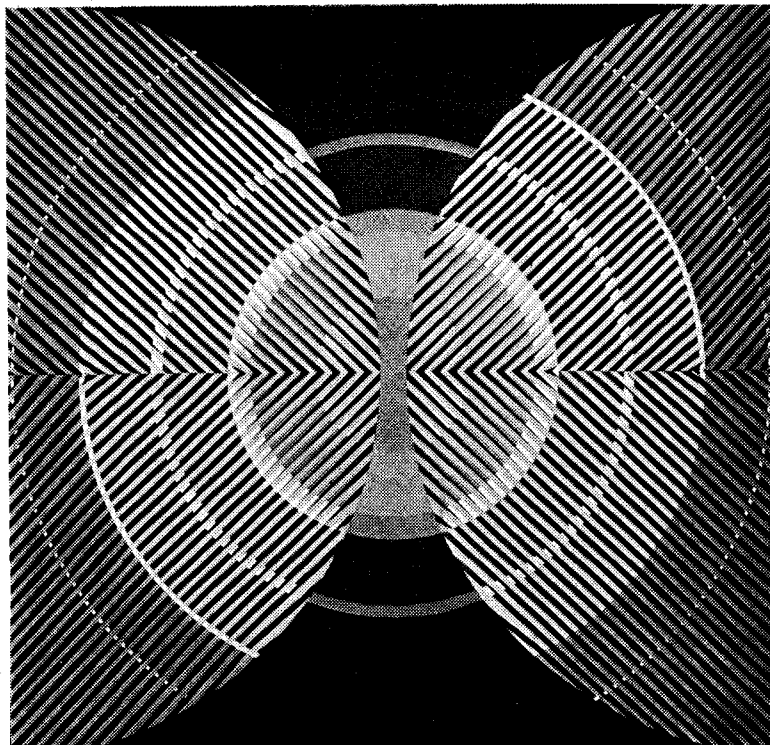
One thousand people were turned away Monday night from the Watson lecture series as Sir Fred Hoyle packed both Beckman and Ramo auditoriums with his talk on "The Emergence of Intelligence in the Universe."

Dr. Willy Fowler introduced Sir Fred, reciting his long list of honors and accomplishments. Although most Techers are familiar with Hoyle's SF, most probably don't know he has authored an opera libretto, among other items.

One in a Hundred

Hoyle began by limiting the area of his speculation for the evening to some sort of chemical life based on carbon existing under reasonable conditions (i.e. no sun creatures or black hole denizens). If one assumes at least roughly similar conditions and circumstances to the Earth's, then one can expect many beings like us simply from the vast number of planets involved.

Sir Fred elaborated, estimating that perhaps half the stars in our



BULLSEYE! The current exhibit in Baxter Art Gallery features the work of Arthur Ames and Douglas McClellan. Photo by G. Laib

galaxy have planets (about 100 billion planets). In the solar system, only the earth so far is known to harbor life. Hoyle demonstrated with slides how different the appearance of the earth is from the appearance of other bodies in the solar system. He concluded that life as Earth knows it may not arise elsewhere in the solar system.

Making order-of-magnitude guesses, Hoyle estimated that perhaps 90% of all planets are unsuitable astronomically (too close or far from sun, etc.) for life, and that 90% of these are probably chemically wrong (not enough carbon, oxygen). This gives about a billion potential life-sites throughout the galaxy. Hoyle speculated that the 10% favorable percentage may rise in the future, pointing out that similar pessimistic predictions in the past have given way to more optimism.

Techers Scrounge Too

Given these probabilities for at least favorable conditions for the development of life, Hoyle estimated that maybe 10 to 100 million cases of life have arisen in the galaxy. This would put the closest site about 30 parsecs away.

Of all the instances of life in the galaxy, how many can be expected to be "intelligent"; One needs to know the level of "intelligence," the frequency with which organisms attain this level and how. Hoyle postulated an assignment of "intelligence" according to the complexity of an organism's nervous system. In this case, the threshold of "intelligence" is only slightly below ourselves.

Hoyle suggested that organisms acquire more complex nervous systems in "scrounging," as he called it, for food-energy. As an organism scrounges, it improves its nervous system, which in turn improves its ability to scrounge, and so on. Eventually, if a species survives, its nervous system may become as complex as ours—thus indicating "intelligence."

We've Had It

Once intelligence has appeared someplace, it is necessary to estimate how long it will persist. If there are many instances of intelligent life lasting but a tiny fraction of the life of the universe, our chances of finding them will be slim indeed.

Looking at ourselves, Hoyle

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Procedure Outlined To Vote Early, Often

by Dick O'Malley

Voting procedures can sometimes get complicated, so with ASCIT elections coming up next Tuesday, this is a good time to explain just how the system works.

In each and every student house, a member of the ASCIT election committee is supposed to spend his lunch hour (actually 11:30 to 1:00) making ballots available and collecting them after they get marked up. In Winnett Center, Flora will sit in her office from 11:00 to 4:00 doing the same thing.

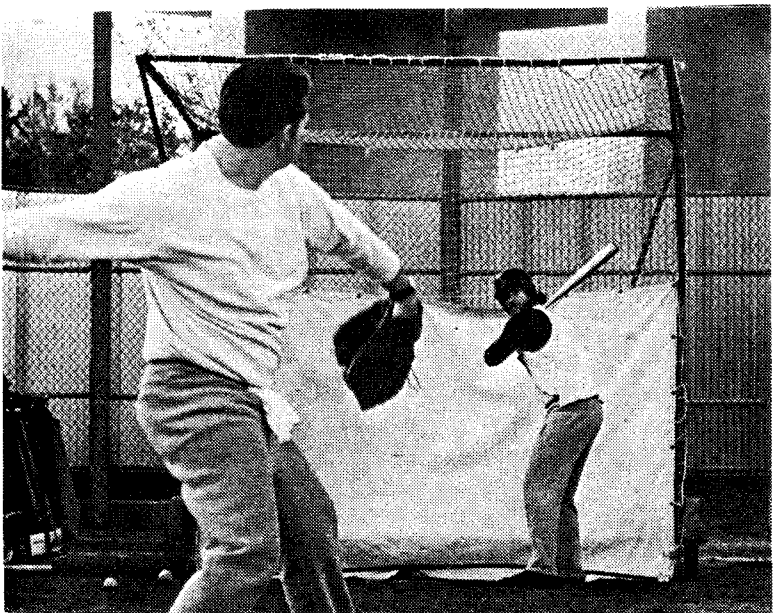
In order for a vote to be counted, it must be a "correctly-cast vote," which consists of one of three things: a vote for a candidate listed on the ballot, writing the name of any legally qualified person (i.e. ASCIT member), or writing the word "no."

In order to be elected, a candidate running unopposed must receive a majority of correctly-cast votes. If there were two or more candidates (or groups of candidates) nominated, then a plurality of 40% or greater, and more than the number of "no" votes is required. If no one gets elected, then the top two vote getters will get tossed into a runoff election to be held within a couple of weeks.

Oh, yes. For the office of Director-at-Large, things get more complex. There are two Directors-at-Large, one of whom is required to be a freshman, so everyone gets two votes. (Down, Fido, you can't cast them both for the same person.) You don't *have* to cast them both, but if you only vote for one, it's against the rules to cast your other vote for "no." Likewise, if you vote "no," you can't cast your other vote for a candidate. (Be careful.) At any rate, in order to be elected a candidate has to get votes from at least 40% of the people who cast correct votes and get more than the number of "no" votes. The freshman with the largest plurality (more than 40%) will be elected, and among the other

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Take Me Out...



BASEBALL team members practice prior to their recent victory over PCC. Photo by Chris Wheeler

PEG Program Starts Wednesday

by Dave Sivertsen

You may have noticed a few unfamiliar faces at dinner in your house this week. They were people working with the Personal Encounter Group Program.

I attended an encounter session to find out what it's all about. As an example of what goes on, here is an excerpt:

Reporter: "What is PEG?"

Group: "It's a program for people to experience new things about themselves and others."

"You learn what's important

to them and interact with them."

"It's basically a microcosm, where you learn of yourself."

"The program is oriented in an exploratory manner."

Reporter: "What do you really like about it?"

Group: "It's a good chance to meet people you wouldn't otherwise meet."

"You work on yourself. You think about things other than tomorrow's homework."

"Being a member of this group gives me a good place to

test my emotions and get sincere feedback."

"It's a great place to meet friends—they really want to know you."

"You get direct confrontations—no snowjob. You can test your conception of reality safely."

"You learn how to relate to people, so your needs can be met, and you meet some really neat people."

"It is safe to be honest and

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The Fred Logs

Blood 'n' Gore

We last saw Fred as he began to ride with the expedition to the ancient ruins. We now rejoin his first adventure, already in progress.

We rode along in a double column, Hugh at the front, myself near the middle next to a local village pastor named Athanasius. For obscure reasons Athanasius considered himself a missionary to the "heathen" elves. His latest potential convert was Amalric, a surly elf who only travelled with Catholics because he liked to argue with them.

In such a company of fifteen adventurers and their hired men I approached the ruins of the ancient castle. It lay at the top of a low rise, reduced by time to a mass of fallen stones under a light blanket of new snow. The previous expedition had scouted out the surface and left markers at all the openings that led underground. The markers were gone now but Lloyd found a likely looking entrance near the middle of the ruin. A brief discussion and then we formed into a long column with fighters at both ends and the magicians (including myself) and clerics clumped in the middle. A few torches were lit, the horses tied, and we started down a passage that sloped gently down into the earth.

Down Deep

After descending for about forty feet the passage leveled out and ran another forty feet till it reached a wall. At this point there was a door on the left side and another passage branching to the right at ninety degrees and ending in a door ten feet away. The door on our left yielded easily to a shoulder, revealing a corridor running off into the distance with a brance breaking off to right away from it about ten feet further on. We started in this direction.

I had just reached the door when I heard noises to my right and turned to see a mob of bloodthirsty hobgoblins bursting through the door and charging toward the defenseless center of our party. Thinking fast (or at least as fast as I ever think) I threw my sleep spell at them.

The first sixteen fell over unconscious and I ran for the rear of the party as the next wave came trampling over them.

The Fighting Begins

Amalric and Robert pushed past me followed by the other fighting men of the rear guard. Opposite them in the doorway appeared Hugh and in between surged the hobgoblins cutting our party in half. Hugh ran one of the monsters through with his first blow and then lopped off the head of the one behind him. At his side one of our men went down. A volley of arrows feathered two in the second rank while our swords sliced up the first. Amalric fell over dead with a curse on his lips, killed from behind by a sling shot from one of our own hirelings.

The fighting intensified as the hobgoblins tried to push back our line. A cruel blow struck down Robert and Lloyd left forward to take his place. Then from the far end of the party came the cry that they were being outflanked. A group of the hobgoblins had taken an alternate corridor and come out at the branch just beyond the door where they fell upon the front of our own party with a fury.

Hugh heard the cry and

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Controversy

Continued from Page One

unusual consequence is, surprisingly enough, the race for Tech Editor. Besides the traditional team of editors, two *individuals* have decided to risk flunking themselves out in the quest for journalistic experience. The current editors have made no bones about staying neutral, and do in fact favor the team of Chaney, Llewellyn, Sivertsen, and Yoshida, primarily because a team of editors ensures that at least one of them will remain academically stable and keep the paper going. Tim Groat did not submit a statement, and remains obscure about his motives. Sandy McCorquodale, on the other hand, has not been so obscure, and is vehement about the lack of quality exhibited lately in the

THE CALTECH FORUM

Musical Kudos Extended

To the unsung heroes of musical productions:

My thanks to all those people who made the job of properties mistress less of a burden: Becky, Belinda, Brenda, Eileen, Flora, Florence, Jackie, Jean, Liz, Marie, Sandy, Shirley, all the Ruddock mug owners, Dan for his picnic table, and a special thanks to the Caltech biology department for the marvelous chicken!

It was a pleasure to meet and work with so many wonderful people, not only from Caltech, but PCC, USC and local high schools.

I'm just finishing the sorting of flowers, etc., so if you're still missing something, it's on its way. I've even recovered enough to be looking forward to next year... Company, anyone?

—Karen Cheetham

Mash note to ASCIT Musical personnel: Yes. Enthusiasm, intelligence, charm, talent, musical skill and hard work total up to a delightful evening in Ramo and a delighted audience. Bouquets to everyone involved, and Ralph sends her love too.

—Shirley

weekly fishwrap.

Other candidates are: Ole Anderson and Eric Kaler for Secretary; Gul Agha, Chen Sun, and David Whitcomb for Treasurer; Stewart Scherer and Jon Teich for Academic Affairs; Jack Bacon and Keith Jenkins for Social Activities; Marc Berger, LeRoy Fisher, and Chris Wheeler for the two Director-at-Large slots; Joel Gunter for Activities Chairman; and Carol Stevens versus the team of Raymond Jean and Debbie Wilson for Athletic Manager.

As usual, a big turn-out is not expected next Tuesday. See if we can fool the people who know; go ahead and cast a ballot.

Candidate Endorsed

I have interviewed Gul Agha, candidate for Treasurer, and find him exceptionally well-qualified for the office. He has had ample past experience in previous offices and shows himself to be competent in handling financial affairs. As this office is practically the only one which requires a fair amount of skill, I urge you to vote for Gul Agha.

—Ole Anderson
ASCIT Treasurer

Obscure Letter Received

It is easy to ascertain that most Techers consider ASCIT pretty Mickey-Mouse. I wonder if perhaps our elections have something to do with it.

I was standing near the nominations sheet in Winnett last Friday when one individual came in and seeing the sheet said "There must be something I can do in ASCIT." He took a brief look at the list and proceeded to

Continued on Page Three

Paper Sponsors Contest, Prizes (Nuclear-Powered Typewriter)

Twelve years ago *The California Tech* offered its genuine antique L.C. Smith typewriter to the authentic Caltech undergraduate who could come up with the best Tom Swifty. George Reeke of Ricketts took first place with the classic "I just don't understand quantum mechanics," Tom psied starrily. Reeke never claimed his reward.

After a decade plus of waiting for Reeke (the toad) to show up, we're going to declare the previous contest null and void. Hence, *The California Tech* is pleased to sponsor a contest for the best Caltech-oriented Tom Swifty submitted by midnight, February 28, by any authentic Caltech undergraduate. The prize for this contest is, of course, a full-sized office typewriter. This is no piece of junk, this is no trash; it is out of the goodness of our hearts that we contribute this fine quality-filled item for the advancement of the art of humor.

This fine, antique L.C. Smith typewriter has both upper and lower cases, an important advancement in the art of typewriter construction. The fine

workmanship, which is fully visible as a treat for the eyes of the connoisseur of antique machinery, makes this little beauty an eye-soring sight. Having no serial number, it is possible that this may be an experimental model developed in the old Throp Typewriter Laboratory, forerunner of JPL.

Yes, this is truly a great opportunity to win a valuable machine with a minimum of effort. All are welcome to compete, and as many entries as possible will see publication in this journal.

The CALIFORNIA Tech

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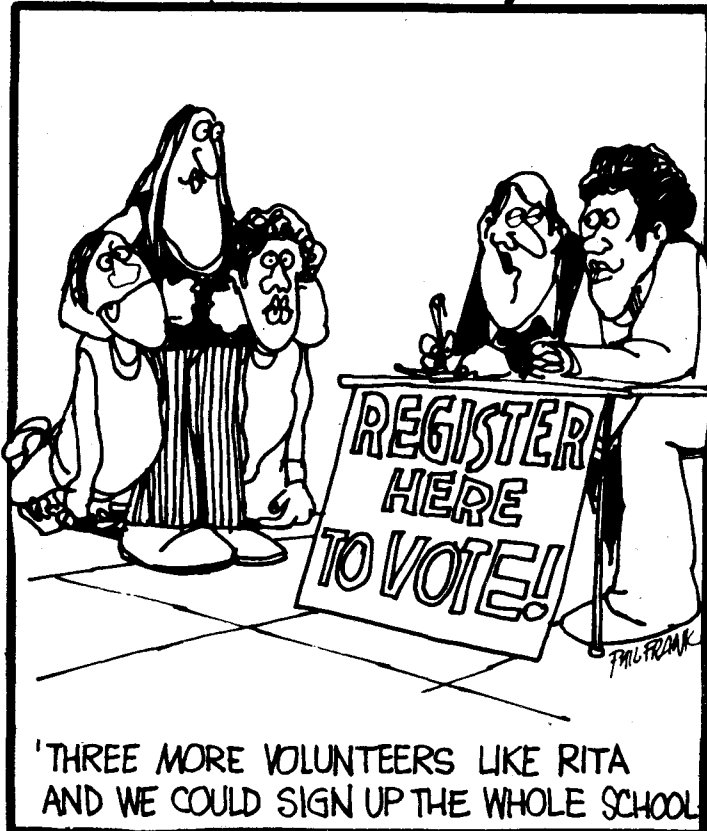
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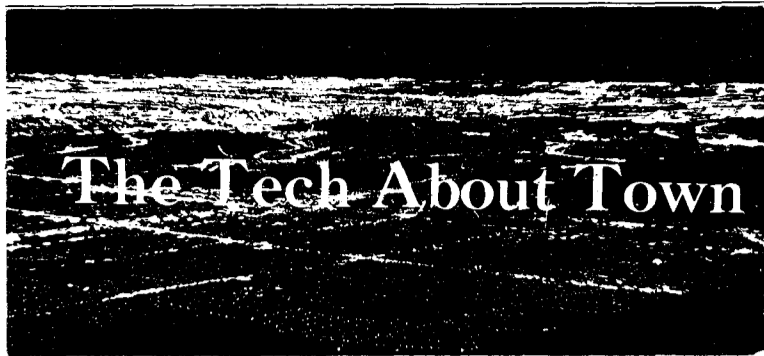
THE ASCIT FRIDAY NIGHT MOVIE

PRIME CUT

7:30 p.m. & 9:30 p.m.
in Baxter Lecture Hall

Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else

NEXT WEEK:
Psycho



Fortunately for me, there isn't a great... stream of consciousness flashes the premonition of dancing in the streets in Pasadena... deal to write this week.

Two events tonight. *Clockwork Orange* is at 8:00 at PCC. At the Golden Bear in Huntington Beach Weir and Torbert's new group, Kingfish, will do two shows, at 8:30 and at 11:30. They will reseat on Saturday and Sunday nights.

The odyssey will continue on Friday, March 7 at the Pitschel Players Cabaret (8:30 & 11:30) with the Legion of Mary, composed of Garcia, Saunders, Kahn, Fierro, & Tutt. It will continue.

It turns out that you can take tours of the Music Center from 10:00 to 2:00 Monday through Thursday, for free. Details and reservations may be had at 626-5781, ext. 366. Upstairs at

the Music Center, The American Ballet Theater, the Dybbuk, and Macbeth continue. There is also the main cast announcement for the last of this season's CTG offerings, *Ring Around the Moon*. It will star Glynis Johns & Michael York with Kitty Winn, Joan van Ark, and Kurt Kasznar.

Remember, on Tuesday at 10:00 the usual packet of free & cheap tickets for the Coleman concerts will be available. The concert itself will be Sunday March 2 at 3:30, featuring the Danzi Woodwind Quintet from the Netherlands. They will present works by Danzi, Dahl, Hindemity, Porcelijn, and Francaix.

Then again, on June 8 the Guggenheim (not on campus) will open a loan exhibition of Marc Chagall.

—Chris Harcourt

PEG

Continued from Page One

open, because these are people who you haven't known for a long time and less risky to expose yourself to. They're here to get to know you."

Reporter: "What kinds of people do you get?"

Group: "They're a pretty heterogeneous group: undergrads, grad students, employees, profs, other colleges, workers, etc."

R: "What about sex ratio?"

G: "About 60/40 M/F, but you pick your group. This happens the first meeting (Feb. 26), and you also pick your facilitators. What's great is you get intense emotional involvements, on both the individual and interpersonal level."

"Opinions aren't hidden under politeness."

R: "So it's a discussion group?"

G: "No, no, not at all. We're not concerned with specific issues."

We make a strong move against intellectualization of everything. The emphasis is on being in touch with your feelings as a person, what you're feeling

right now. Sharing each other's impressions is the most important part."

R: "Does the facilitator act as a leader?"

G: "Definitely not! Each individual retains power to guide the group, there is no compulsion to do a particular thing."

R: "Do you find yourself tied up with one person's problems all the time?"

G: "We spend time on direct interaction, an intense involvement with many people."

"We find what's important to one is important to many in the group. People deep down are much the same, have the same wants and needs. Just on the surface they are different—do different things to satisfy similar needs."

R: "Suppose a self-centered person tried to monopolize all the time?"

G: "The others would confront him with this and see why he needs to, and in doing this, both he and they would learn. That's what PEG is all about."

"Towards the end of the program, there is a weekend

Campus Colloquy

Dissent Brings Needed Changes

by Walter Cronkite
(Mr. Cronkite is Managing Editor of the CBS Evening News. He has been a reporter for more than thirty years. In 1962, the George Foster Peabody Television News Award saluted, among other Cronkite achievements, his "Twentieth Century" broadcasts (1957-1966). In 1969, he received the Wm. Allen White Award for Journalistic Merit—never before given to a broadcast newsmen.)

After a few thousand years of so-called civilization, there are so many things wrong with the world that we have made. The mere fact that this species of ours has survived so far seems hardly adequate cause for self-applause nor can we indulge in self-congratulations for our civilization's considerable material and cultural development that has failed to guarantee survival or nurture the bodies and the spirit of all mankind.

If we are to wipe out not only the symptoms, but the causes, of injustice and decay, there must be change. There is scarcely any argument on that. But the question is the form of the change and, as in such critical times in our history, we find conflicts between the seeming intransigence of the established order and the impatience of youth. Each generation, when it is young, is anxious to get on

with the obvious reforms that the establishment of whatever era seems reluctant to institute. With the world's present potential for mass suicide with nuclear weapons, over-crowding, hunger, is there any wonder that the students of today rebel with an urgency unknown to earlier generations?

There ought to be a better way, and that, I submit, is what the students are saying—there ought to be a better way, not only to settle international disputes, but to provide for the world's underprivileged and to assure peace and well being for all.

Almost everyone agrees with those broad objectives. It is the manner of achieving them—primarily the dispatch with which we get the job done—that separates us, that brings us to this increasing and terrible polarization of our society. It is time that both sides look and listen. Don't stop, there isn't time to stop, but look and listen, one to the other.

As essential as is the need for listening to the other side's arguments, is the necessity for critical self-examination of one's own arguments. It would be helpful if each side recognized its own excesses of speech and action even as it condemns those of the opposition.

It cannot be expected that more fanatical leaders of their disciples are going to follow such rational behavior, nor are they likely to be tolerant of those who do. Fanatics seem to require total commitment and are not loathe to use bully tactics to get it. It also is the essence of their demagoguery that they preach only part of the lesson. Those who are hardened in their position practice and preach repression and their weapon is fear. To rationally examine our alternatives, none of us can yield to fear.

Freedom of speech, press and peaceful assembly, which we all should hold dear, really com-

promise the freedom of free inquiry—the freedom to study our democratic institutions without fear of harassment of misguided patriots or heckling malcontents, freedom to advocate change without facing trial for heresy. Such study may require throwing off old concepts, shibboleths in the spirit of basic research. We must hear out the dissenters. We must seek out and make use of the original thinkers.

We have the future in our power. The twenty-first century is not going to burst upon us in full flower. As we move into the future, the possibilities open to mankind stagger the imagination. Man can mold the new century into anything he wants it to be. But to do that, we must know what we want and we must examine each of our institutions to determine whether they stand up to the challenges of the century ahead.

We of our generation may have to look no further than our own failure to plan for this future, to find the seeds of youth's discontent. Convinced that we are not doing the job, many of you have turned your backs upon us. Even as you should not reject that which is good of our institutions and that accumulated wisdom which we possess, perhaps solely by reason of age, we must not reject those among you who dissent. In youth's rebellion against any unsatisfactory status quo, we must assist—not resist. This does not mean either for youth or for us groveling to coercion, yielding to blackmail, or forgiving violence. It does not mean we can tolerate lawlessness, for the law is the foundation of our freedom.

It does mean that we must not let our revulsion to the transgressions of the militants blind us to the future.

Society is going to change. The only question is whether youth is going to help and,

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retreat, somewhere like Santa Barbara or Lake Arrowhead. Such things as massage, self-taping, non-verbal communication, body-painting, and body image (how you see your body—ugly, athletic, etc. and how this affects your behavior) are gone thorough."

R: "Sounds great. I'm relaxed just talking with you."

G: "It's a lot of fun. There's no right or wrong in your opinions, we don't try to reach a conclusion, because life's not a conclusion."

"At the end, it's hard to say what's happened. We're not problem oriented—just sharing and growth."

"Each year I've been in this, I've gotten more out of it."

So if you need to find yourself, or just want to belong to the human race, think about it. The program starts Feb. 26. Cost: \$20 to pay for the weekend, the knowledge is free.

Freedom of speech, press and peaceful assembly, which we all should hold dear, really com-

Obscure

Continued from Page Two

write down an office. A couple of seconds later someone pointed out that he had signed up for a non-elective office. He then looked at the listing closely this time, in order to find the office he could run for, and have to change the wording of the other position as little as possible, while saying "What does he do? well, it can't be much." I'm just glad all the BOC candidates know what they're doing.

—Chris Russell

Procedure

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candidates the person with the largest plurality will be elected. Anyone who understands all of the above can consider himself in line to succeed Jill Evensizer as Elections Chairman.

Remember this, though. ASCIT provides a means of expressing dissatisfaction with all of the candidates. A vote "no" is a vote against everyone running for an office. Don't hesitate to cast it if you feel overcome by unreasonableness.

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We hereby present statements of candidates for ASCIT offices. We urge you to read and consider these statements carefully, since the sort of representation you get depends on your vote Tuesday. Democracy is that form of government which insures that the people get exactly what they deserve.

- PRESIDENT**
 Jim BACKUS
 Richard BEATTY

- VICE PRESIDENT**
 Steve GRENAN

- SECRETARY**
 Ole ANDERSON
 Eric KALER

- TREASURER**
 Gul AGHA
 Chen SUN
 David WHITCOMB

- IHC CHAIRMAN**
 Richard ATWATER
 Dennis MALLONEE

- ACADEMIC AFFAIRS**
 Stewart SCHERER
 Jon TEICH

- SOCIAL ACTIVITIES**
 Jack BACON
 Keith JENKINS

- DIRECTOR-AT-LARGE**
 Marc BERGER
 LeRoy FISHER
 Chris WHEELER

- ACTIVITIES CHAIRMAN**
 Joel GUNTER

- ATHLETIC MANAGER**
 Carol STEVENS
 Team of
 Raymond JEAN
 Deborah WILSON

- BOC SECRETARY**
 Jill BECHTOLD

- TECH EDITOR**
 Tim GROAT
 Sandy McCORQUODALE
 Team of
 Brian CHANEY
 Jim LLEWELLYN
 Dave SIVERTSEN
 Ken YOSHIDA

President

"DUTIES OF THE PRESIDENT. The President shall be the official representative of the corporation, and he shall preside at its meetings. He shall be chairman of the Board of Directors and a member of the Executive Committee. He shall have ultimate responsibility for the proper observance of all responsibilities delegated to members of the Board of Directors, the Executive Committee, or any committee thereof."

Jim Backus

The first order of business is to find out what the students want and communicate their ideas to the administration. Establishing a new post similar to the Dean of Students but directed more toward personal needs than managerial duties is desirable. More student feedback would be good, not just for the students but also for the administrators, who I feel want to know what the students want and are not getting any coherent sort of impression of student attitudes from those with whom they talk.

The only other immediate goal is to sharpen the security force and hopefully cut down on thefts.

In the long run I, for one, would like to see ASCIT take a larger role in the management of student related businesses concerning food, housing, and recreation. Such a program holds twofold promise in that it gives the students ultimate responsibility for those affairs with which they are most often dissatisfied, namely, inefficient maintenance, poor food, and rising costs, and it provides an opportunity for the ambitious person to work his way through school while acquiring experience in an economic context. In particular this applies to those services which are not under the direct management of the Institute. In the past similar efforts have yielded significant returns, reflected not only in the students paychecks but also in a higher standard of service and lower costs.

Continued on Page Six

Dick Beatty

ASCIT's mission is two-sided. First, and most obvious to students, is the 15 kilobucks/year corporation that sponsors social events, parties, clubs, etc. In the past it has done a reasonable job at this but everything can improve.

But the other role of ASCIT, and perhaps the more important one, is acting as the official student voice in academic, administrative, and community affairs. As students we are very directly affected by Institute policy and therefore need a strong voice (Whether or not we are heard is another matter). Student opinion has a positive effect on decision making if accurately interpreted and presented.

I'd like to get ASCIT moving for the students. We could all sit on our collective corporate rump and let the world pass us by—but if Caltech is really "at the leading edge" we deserve better. I would strive to see that all students get something out of ASCIT and that student opinion be heard where it is needed.

ASCIT has great potential for improving the quality of academic and student life at Caltech; all it needs is responsible leadership and a concerned student body. My purpose in running for President is to try to get ASCIT moving ahead for all students' interests. I look forward to accomplishing something.

-Dick Beatty



Vice-Pres

"DUTIES OF THE VICE PRESIDENT. The Vice President shall, during absences of the President, assume the duties of that office. He shall be a member of the Board of Directors. He shall act as chairman, without vote, of the Board of Control. He shall assist the President in coordinating the policies and activities of the Associated Students. His primary responsibility shall be to insure the continuance of the Honor System as a vital force among the students."

Steve Grennan

The Vice President's first concern is with his job as Chairman of the Board of Control. The role of the Chairman, as I see it, is to assist, rather than to direct, the Board in arriving at its decisions. Before the meeting, this purpose is accomplished by investigating all aspects of the case awaiting consideration, assembling facts of evidence and testimony into a consistent picture of the matter before bringing it to the Board for consideration. Often this information is gathered from several sources, and the investigation takes a good many hours.

When the case is ready for presentation to the Board, a meeting is called by the Chairman, and his role changes from investigator to moderator. During the meeting, the Chairman's task is to furnish all information which could have a bearing on the decision of the Board; in the discussion, his purpose is to make certain that all arguments are fairly represented, and that every member's opinions are heard.

When the meeting is concluded, the Chairman's task is to represent the opinion of the Board to the Dean, in sufficient detail that the Dean will be able to follow the case through its chronological development, review the reasons for the Board's decision, and make in informed judgment of his own. Stated briefly, these are the responsibilities of the Chairman.

I bring to the job an

understanding of the Honor System, and a knowledge of Board procedure, but most important is the experience I have gained in the last year as Secretary of the Board. The Secretary has access to the records of the BOC, and is aware of cases currently awaiting consideration, before they are brought to the Board. The Secretary sometimes assists the Chairman with investigations, or can carry them out independently, and occasionally helps write the recommendation to the Dean. I have experience with these things, which a regular board member does not. And, I have enjoyed the work. What I get from it is a sense of personal satisfaction from helping with work I consider to be very important.

In addition to his work in connection with case meetings, the Chairman must coordinate other Honor System-related work, such as the talks with Computing Center administrators and student users over the summer, which resulted in a policy statement on computer use, published in the Tech first term. And, his attention is not entirely confined to the undergraduate community. Because of the number of grads and undergrads taking the same courses, it is a matter of concern to the BOC Chairman, as well as his counterpart on the GRB, that graduate students receive a thorough orientation to the Honor System.

But, the Vice President is not only concerned with the BOC. The VP must also be a respon-

Continued on Page Six

NEWS BRIEFS

In accordance with the ASCIT By-Laws, absentee ballots may be cast by anyone who expects to not be here on Tuesday. This can be done by seeing Jill Evensizer (Lloyd) any time before midnight Monday.

Die, Male Chauvinist Pig! Kiss Ground!

Self Defense for Women will be offered 3rd term as part of the Physical Education program. Interested women should contact Tom Gutman at the Athletic office x 2146.

New Suckers Needed Soon

The Board of Control will be conducting interviews after ASCIT elections, to select two representatives-at-large. Anyone interested in being a rep-at-large should see his house BOC representative, or Steve Grennan, 221 Ruddock.

-LOCH NESS- -MONSTER PUB-

66 N. Fair Oaks

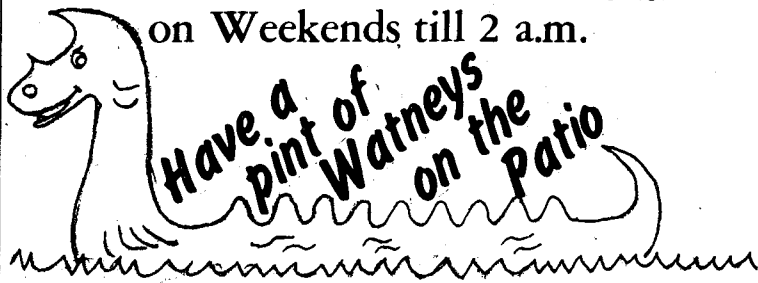
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It is somewhat difficult to review this show for all you entertainment-hungry readers, since the only chance you will have in the immediate future to see this combination at the Ice House is Sunday night. The reason for this will be explained later. On to the review itself.

The Muledeer and Moondogg Medicine Show (note: this is not to be confused with the other MMMS) are a duo of sorts, but they are somewhat difficult to view in that limited scope since they fill up the entire stage at all times. Their act involves skits, music, blackouts, impressions, social commentary humor, just about anything that's funny except pie-throwing (at least I didn't see any pies that night). They do a very good job of combining Stan Freberg, The Firesign Theatre, Cheech and Chong, Steve Allen, and just about anyone else whose trade-

mark in comedy is lunacy rather than just standing up at a microphone and telling jokes. This is a very good thing, in that it is refreshing, but at the same time the audience gets worn to a frazzle trying to cope with what's happening up on stage. What's important is that the Muledeer & Moondogg Medicine Show is a very funny act, one that you should make an effort to see sometime, preferably as soon as possible. However, they will not be appearing tonight or tomorrow night, so try for Sunday. If you can't make it then, wait until next time around and plan ahead. The second act on the bill with MMMS is a singer named Martin Yarbrough. He reminded me somewhat of Richie Havens (any of you familiar with Woodstock not knowing the name Richie Havens will now stand in a corner with a pointy hat) only with a some-

what smoother voice, and with much more comprehensible guitar work than Havens. In any case, Martin Yarbrough came out with some nice music, especially his rendition of an old sailing song, "The Golden Vanity," probably the best piece of music he did all night. Another song, which may or may not be entitled "Love Games," was also very good. To liven things up he did sort of a calypso number subtitled "Any Port in a Storm." (The title was "Wham, Bam, Thank You Ma'am," but we won't mention that.) Martin Yarbrough is just the sort of act to balance out a show with MMMS on it, since for the most part he leaves the audience just built-up enough that they can survive MMMS without too much shock, but at the same time doesn't put them to sleep by a long shot. Martin Yarbrough is good.

The reason why these two very good acts will not be appearing tonight (Friday) or tomorrow night (Saturday) is that the Ice House will be featuring a special show, a benefit for the candidacy of the Ice House operator, Robert R. Stane, for the Pasadena City Board of Directors. (I'll bet most of you are wondering why Pasadena has a board of directors instead of a council or something, aren't you? Well, I know, and I won't tell!)(At least not until next week, maybe.)

The reason why you should go to the benefit no matter what your political leanings might be is the fact that the featured act will be Pat Paulsen. Pat Paulsen gained national notoriety as the political commentator on the Smothers Brothers comedy show ("Oh, him!" I hear you saying out there, you dense little devils.) and when he ran for the Presidency in 1968, losing in a landslide to everyone. Pat Paulsen will be being himself there on the stage, and will be showing a movie, undoubtedly to illus-

Continued on Page Eight

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Fred Logs

Continued from Page Two

shouldered through the clerics and magicians to meet this new threat. Wild-eyed with triumph the hobgoblins were forcing us back over the bodies of our men. With a shout Hugh crashed into the foe and brought down four with as many blows. The men behind him rallied and joined the attack. A minute later the battle was over.

Another Threat

We paused to regroup our forces and slit the throats of twenty sleeping hobgoblins (another magician had gotten four). In all forty had attacked us and we'd lost nine men repelling them. We were roused from our thoughts by a lookouts' frantic signals. A large force of orcs was bearing down on us from the same direction as the hobgoblin attack.

This time we had a moment to prepare ourselves and we used it well. Hugh crouched with the front line as volleys of arrows sailed over their heads and then rose to match swords with the orcs. One of our magicians put a holding spell on the door behind when some of the orcs disappeared around a corner. A moment later the orcs were pounding on the door while we hacked through their fellows. One wounded orc tried to flee and ran screaming head-on into the returning flanking group. Pushed back into the fight he fell to our swords. Blood flowed ankle deep among the dying creatures.

The orcs' morale wavered and broke. With more arrows following them the last of the thirty fled down the corridor and disappeared.

As the sounds of fighting moved away I worked my way forward to look for Hugh. I found him knee deep in orcs with the blood of fourteen monsters on his sword and not a scratch on him. He was looking for something more exciting to fight.

As we were regrouping again someone discovered a secret door in the left wall that opened into the lair of the orcs we had just defeated. A quick search of the room uncovered three thousand pieces of gold and some gems which we loaded onto our pack mules.

Full House

Continued from Page One

speculated we may be "sliding down" as a society, with perhaps only one hundred years left to us. "Perhaps intelligence contains the seeds of its own destruction," he mused.

Hoyle then became rather solemn. "We know that nature is prolific. There may be millions of intelligent species in the galaxy. Nature does not expect success. So perhaps there may be so many since probably only a few species will "succeed." Perhaps we are not destined to become one of the successes.

"If the danger of our failure is there," he concluded, "we must become aware of the danger—we can't ignore it. Only if we resolve our coming crises will we be able to achieve a stabler level of existence."

Despite the shrunken size of our party (almost half the original number were dead) we decided to continue the search for treasure. As must be obvious we were a rather foolhardy lot in those early days. Hugh was once again at the front of the party (making funny noises with his sword), and myself in the middle. We wandered for some time through a series of doors and stubby corridors until the leaders discovered a trapdoor in the floor in front of them. Without an instant's hesitation Hugh lifted the door and jumped through. Beneath was a six foot square pit with a secret door in one wall and noises behind it.

Lloyd and his hired men climbed into the pit and together they broke down the door. Twenty startled kobolds looked up in time to be overwhelmed. Hugh felled one with his first blow but on the second his sword broke off at the hilt. He spent the rest of the fight fumbling with his mace while Lloyd and his men thrashed through the kobolds. As we sacked their small treasure I took a moment to examine Hugh's sword. It was broken across the deepest of a line of fourteen notches that He'd carved into it with the mace in order to mark the previous fight.

The loading completed, we chose to clear out and were soon on the surface once again.

Their first adventure complete, Hugh and Fred would soon venture forth again in search of unknown treasures. Be here next week for what were to be known as the "Stockton" escapades.

Kangaroos

Continued from Page Six

bility of such an occurrence seem implausible by discrediting the source of the news: *The California Tech*. But right at this moment, somewhere in the cavernous catacombe beneath the Biology-Chemistry complex, the spies from M.I.T. are training one hundred specially bred vicious Australian Fighting Kangaroos. When K-Day comes, these fearful monsters will be hidden in ventilator shafts all over the campus.

Sandy

Continued from Page Six

for yourself, how many of those criteria did the multiple-leadership of the *Tech* meet this year? Does any issue stand out in your mind as going beyond reasonable? Do any issues stand out as less than reasonable? Now, having taken in this year of the *Tech*, I run. We need new blood. The second comment accused me of being a renowned pornographer, on the other hand, not even Napoleon was perfect. The spirit of my leadership will lie in explosive results. The techniques are all available, and now we must overcome the awkwardness and stumbling. The techniques must become the tools of a torrent of prose, good prose, at a rate we never dreamed of before. And if we go down, it will be toasting our health and smashing the glasses in the fireplace's roaring blaze. The name is McCorquodale.

-Sandy McCorquodale

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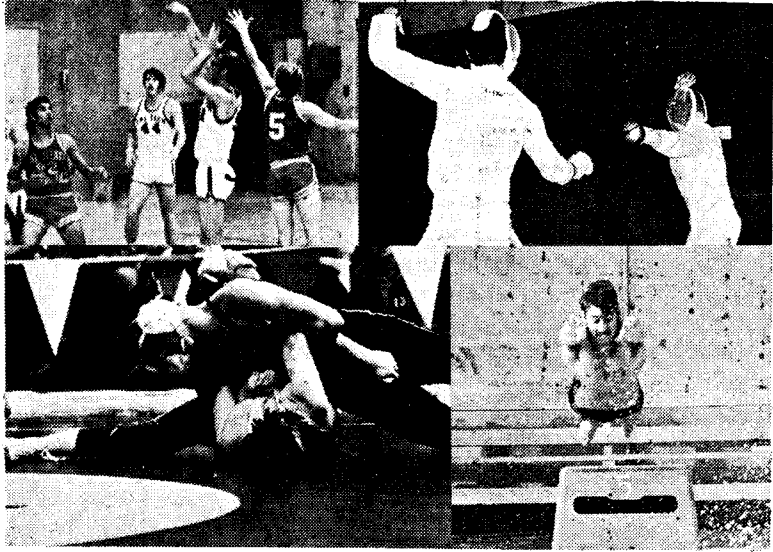
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Wrestlers Take Third

Tech Edged Twice in SCIAC

The Caltech Wrestling team finished out SCIAC with a set of close and disappointing defeats. They lost to Claremont a week ago Friday, Pomona last Thursday, and only managed third place in the conference tournament.

In the Claremont meet Mike Norman was leading in the 118 class, when he lost two points in the closing seconds. At the next class Willy Moss had to face the top contender for the SCIAC championship. Once again Willy had his man on the run, until the closing seconds. At 142 and 150 Bob Loveman and Chris Russell were beaten, but here Claremont barely added major decision points to their team score. At 158 Steve Vik came through with a clear win. At 167 Vince Fratello was upset, and at 177 Tom Snyder was barely beaten. At 190 Jeff Kelber faced the unit animal, and was soundly thrashed. At heavyweight Art Gooding faced incredible opposition, but came through with the most exciting win of the year. After it was all over, he was carried off the mat totally exhausted, with a six-stitch gash over his eye.

On the next day a few select Tech wrestlers went to the Biola Invitational Tournament for the toughest wrestling in Southern California. Vince Fratello came home with a third and Jeff Kelber, while failing to place,

terrorized the star wrestlers in his class with unbelievable takedown skill.

On Thursday Tech hoped to pick up an easy win at Pomona. Things looked good as Mike Norman and Willy Moss pinned their opponents. Then Bob Loveman got pinned with some fancy moves, as did Chris Russell. At 150 Steve Vik picked up a win for Tech, but at 158 Vince Fratello got quick-pinned. Tom Snyder collected a pin at 167. At 177 Art Gooding was winning until the Pomona wrestler applied an illegal key lock, almost tearing Art's shoulder and stealing a reversal. In the process, one of the Tech wrestlers said a naughty word, which cost a team point. Rich O'Keefe picked up six more points for Tech, and Jeff Kelber obediently went out unarmed to face Axel Borg. Jeff gave away a mere 110 lbs, which of course is a minor advantage.

Saturday saw the SCIAC tournament. At 118 Mike Norman finished out his senior year with a second place, and Willy Moss signed off with third at 126. Bob Loveman and Chris Russell took fourths at 134 and

142 respectively. At 158 injured Vince Fratello pinned two men, but finally fell apart and only took a fourth. Art Gooding overcame tough competition to take third at 177. At heavyweight Jeff Kelber picked up a 22 second pin to also take third. As the finals were about to begin the Beavers were only 3½ points out of first place, but they couldn't pull it out, and only managed two wins to fall one point back of Pomona in third. The highlights were Tom Snyder who took second as a frosh, and Steve Vik. Vik lost about twenty pounds to make 150, most of it in one week. At the tournament he knocked off the Claremont man easily, but then had to wrestle the first-seeded man from Whittier. Halfway through the first round Vik got psyched up, and the Whittier man didn't have a chance afterwards. By the third round Vik was in firm control, and his opponent disqualified himself and resigned from the tournament. The weight loss got to Vik in the finals and he only managed second place.

This week Tech's toughest go to the district tournament.

Fencers Spike PCC

by Lt. Brigade

Last Thursday, the Caltech Fencing Team beat (yes, folks, I said beat) the foilmen of P.C.C. in fair and honest competition by a score of 7 to 2. This victory reversed the results of a previous match in which Caltech was defeated by a similar score. I guess that this goes to prove that on any given Thursday, any team . . .

The members of last week's victorious foil team were John Ernest and Steve Comens of Lloyd, and Paul Whitmore of Ricketts, all sophomores. After the official nine bouts were completed, other members of the Caltech team fenced the P.C.C. foilers. This series ended due to lack of time tied at a score of three bouts each.

Training in the other two weapons continues, with freshmen and others learning the basics of epee and saber. As yet, we have no set line-up in these

weapons, so persons interested in fencing can still take the class thus learning the fundamentals, and then make a spot for themselves on the team. Let me add, that we hope to have a good turnout next year, one that may enable us to rejoin the league, but only if we can get a woman's foil team. Here's your chance, women of Caltech, to participate in a sport where no matter how good the turnout is, we would not be allowed to compete without your help.

In any case, next week's meet against Cal State LA has been moved to Tuesday night, so the results ought to appear in next week's *Tech*.

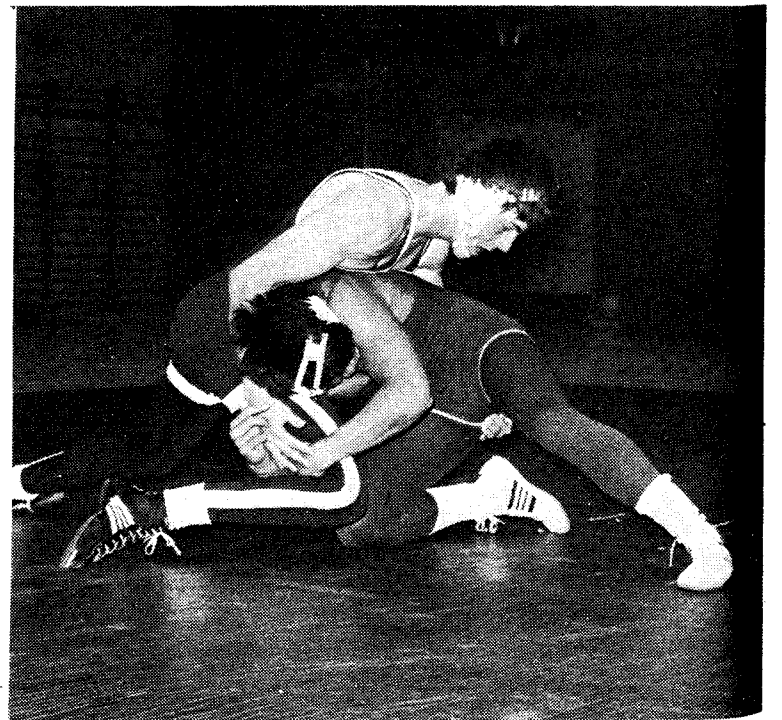
Track Splits Round Meet

by Dave Sivertsen

Last Saturday the Tech track team opened their season with a victory over La Verne and defeat

against national track powerhouse Occidental in a three-way dual meet.

Operating with a minimum of material, Caltech took La Verne 71-50. Against La Verne, Sharon threw the javelin a strong 153-2. Herbert heaved the shot 45-8½, his best yet. Gregg Griffin, Steve Kellogg, and frosh Lou Testa carried the distance end of the meet, and frosh Ray Gildner turned over a personal record 54.7 quarter, nipping La Verne at the tape with a final lunge. Duane Gray and Ray Jean scored in the half mile, and Herbert paid off again in the discus. John Land beat La Verne in both the 100 and 220, with



WRESTLERS caught in a standoff.

Photo by G. Lab

No TV for Oxy Game

by Bob D.T. Hardy

Because the forum has not been sold out for the Caltech vs. Occidental hockey game this Saturday, Feb. 22, at 3:15 p.m., there will be no T.V. coverage. Bob Miller, the clever semanticist, and Dan Avey, the cunning linguist, were upset that more fans had not purchased tickets. "It bothers me," said Dan; "It worries me," said Bob. In fact, the turnout was so poor that Jack Kent Cooke has decided to offer free admission to this game of the decade. Cook, no relation to the same person, who has been one of Tech's most loyal athletic supporters, said, "The Tech Hockey team this year is really sportin' with Mortin; I'm sure the Oxy team will be hurtin' for certain in Saturday's game."

Clarence Campbell, hockey's renowned intellectual lightweight, seems to think Oxy was a prayer. Of Oxy's last unsuccessful effort against Tech Campbell said, "I guess it just wasn't their night." Their night! "But when the chips are down," he continued, "I'll take the water buffalo."

The Caltech team, as yet undefeated this season, urges fans to take advantage of this phenomenal, once in a lifetime, free seat offer at the Fabulous Forum. Come and see what will almost certainly be a triumph of the human spirit. Enjoy a crumb of excitement. "Watching Caltech hockey," as one fan put it, "is instant transportation to the gates of ecstasy." So come on, I mean, we goddamn invited you.

Propositioned Again!

Sometime during the week after next Tuesday's elections there'll probably be a run-off election for one or two ASCIT offices. But even if there isn't, there'll be a proposition on the ballot. This one:

Proposition 1-75

to change Article XVI Section 5b from:

(b) *The Big T*: The editor will receive a salary of four hundred dollars (\$400) for the year's work. He may appoint a maximum of four assistant editors, who will each receive one hundred dollars (\$100). The business manager will receive a commission of 15% on all advertising sold and paid for.

to:

(b) *The Big T*: The editor will receive a salary of four hundred dollars (\$400) for the year's work. He may appoint a maximum of four assistant editors, who will each receive one hundred dollars (\$100). The business manager will receive a commission of 15% on all advertising sold and paid for. Should *The Big T* make a profit after all costs and expenses have been paid for, that profit shall be placed in a *Big T* Contingency Fund to be administered jointly by the Board of Directors and the current editor. This money shall be used to make improvements on the next year's yearbook, or to reduce the student assessment for the next year.

frets&frails

Continued from Page Seven

trate his lecture. The admission for these special shows (and opportunities to see Pat Paulsen live don't grow on trees) is \$3.50, which is what you pay at some places to see Rock Star and the Nobodies. Anyway, go see these special benefit shows if you get the chance. Oh, by the way, in case you are wondering why Pat Paulsen would give a benefit show like this, it might have something to do with the fact that he, like many others started out at the Ice House several years ago. If I get around to it, I am going to make a list of those who went on to make it big from appearing at the Ice House and run it in this column soon. Oh, by the way, the Ice House is at 24 N. Mentor, right north of Colorado and a couple of blocks west of campus. It's about a ten minute walk from the Coffeehouse. Try it some time.

-Nick Smith