



—photo by Bone

ASCIT candidates wear their best SEG's for the TECH camera. Seated, left to right: Mike Garet, activities chairman; Chris Dede, vice-president; Alan Stein, one third of TECH editor team; Joe Rhodes, president; Larry Shirley, secretary. Standing, left to right: Mike Felland, rep-at-large; Peter Szolovits, BOC secretary; Jack Falk, BOC secretary; Jim Cooper, second third of TECH editor team; Mike Stefanko, IHC chairman; Dave Lewin, last third of TECH editor team; Tom Burton, first half of athletic manager team; Nicholas Smith, rep-at-large; Bill Nichols, IHC chairman; Lonnie Martin, other half of athletic manager team; Joe Feng, treasurer; Mike Kellman, treasurer. Not shown: Barry Keller, president; Warren Burton, social chairman.

Tech Campus Draws Solicitors; "Store-Front Church" Investigated

by Jim Cooper

In the past several weeks, people from various organizations have been going from door to door in the Student Houses soliciting for their respective organizations. Prompted by curiosity and the suspicion that some of the organizations were not what they seemed, this reporter has conducted an investigation of two of them. The facts are as follows.

Many visits

Most of my investigative efforts were spent concerning an organization known as St. Mary's Church of God in Christ. Three times previously this school year, young seventh or eighth grade Negro boys had come to my room requesting a donation for this church organization. The reason they gave as to why the church needed funds was that it was in the path of a freeway, and the funds were needed to rebuild the church elsewhere. My suspicions were first aroused by the fact that the third solicitor

whom I had personally encountered, stated that the fund-raising campaign had started only several days previously, and disclaimed any knowledge of earlier solicitors. Afterwards, conversation with various members of Ricketts House indicated that this same organization had been around soliciting at least four previous times this school year.

With my suspicions fully aroused now, I happened to mention these solicitors to Louise Hood, well-known Student Center secretary. She informed me that to her knowledge these solicitors had been coming around the Caltech campus for at least two previous years. These earlier visits were later also recalled by several upperclassmen.

My first attempt to get facts about this church was directed toward the Los Angeles Social Services Department, the agency which issues permits for solicitors for charitable organizations. Over the phone, I explained the

situation to Mr. George Delianedis of the Department. Mr. Delianedis first explained that solicitors for religious organizations were not required to have a permit — this fact stemming from the constitutional guarantee of freedom of religion. When I identified the church and its pastor, Reverend J. W. Watkins, Mr. Delianedis recalled the facts that his department had determined, although he could not

(Continued on page 10)

Doors Opened, Closed As Teckers Progress

by Kermit Kubitz

The general impression one gets when reviewing the activity of student government in the last year is that many doors have been opened, but some have been closed for lack of interest and some because of the difficulties encountered.

The Academic Reform groups have apparently died with the publishing of their combined reports in January. In conversation with two of the Committee Chairmen, Jeff Hecht of the Instructions Systems Committee and John Bennett of the Student Exchange Committee, one finds examples of the types of progress the groups have made. According to Hecht, Larry Shirley's Teaching Techniques group and Hecht's committee are the only ones left alive. About four of the suggestions of the Instructions Systems Group have been acted upon, including development of more three to six unit courses; expansion of the Humanities Department, giving freshmen free humanities electives; and integration of the sequence of Math 1, 2, and AM 95 or Math 108. The committees originally started with large membership, which gradually shrank to a stable size for attendance of 40-60% of orig-

Candidates Contend For ASCIT Posts

Nominations for ASCIT offices were closed Monday night at the BOD meeting. The BOD also voted to give the Debate Club no money unless they ask for more.

Candidates for office are as follows: president: Barry Keller, Joe Rhodes; vice-president: Chris Dede; secretary: Larry Shirley; treasurer: Joe Feng, Mike Kellman; IHC chairman: Bill Nichols, Mike Stefanko; activities chairman: Mike Garet; athletic manager: team of Tom Burton and Lonnie Martin.

Tech editors: team of Jim Cooper, Dave Lewin, and Alan Stein; BOC secretary: Jack Falk, Peter Szolovits; representative-at-large: Mike Felland, Nicholas Smith; social chairman: Warren Burton.

Also on the ballot February 21 will be two proposed amendments to the ASCIT By-laws. The first, which was unanimously recommended by the BOD, would

add the following to the end of Article XVI, Part A, section 4: "If the total commission paid to outside advertising agencies comes to more than the 35 percent commission allotted above, the commission shall be 40 percent, reduced by the commissions paid to the outside advertising agencies."

The second proposal would delete "and to reveal nothing that happens in these meetings" from Article VII, section j. The section would then read: "The oath taken by all persons appearing before the Board of Control shall be: 'I do solemnly swear (or affirm) to tell the truth, the whole truth, and nothing but the truth.'" Each proposal must receive a two-thirds majority to become part of the By-Laws.

Statements of the candidates may be found on pages four and five.

Debaters Face IBM

The Caltech chapter of Pi Kappa Delta, the forensics honorary society, will play host Friday and Saturday to debate teams from 26 schools around the country in the Fourth Annual Caltech Computer-Controlled Debate Tournament. The 56 teams entered include many of the top collegiate speakers in the 10 states represented.

The Caltech debate team, led by the new Director of Forensics, Michael P. Schon, has been preparing for this tournament since April of last year. The first debate tournament in the coun-

try to be completely computerized, the tournament has this year become one of the first tournaments to be almost exclusively student-run, this year led by Mark Jackson, Tournament Director, and Gary Cable, Assistant Director.

Teams competing come from as far away as Auburn University in Georgia. Other distant teams include University of Kansas, Rice University, Midwestern University, University of Texas at El Paso, University of Arizona, University of Washington, Southern Oregon College, University of Utah, and the U. S. Air Force Academy.

Also competing will be schools from all over California: USC; California State College at Fullerton, Long Beach, and Los Angeles; and Redlands. Many of the teams from these colleges are in contention for the regional championships for the Pi Kappa Delta Southwest District.

Perhaps one of the most interesting features of the debate teams, at least as far as Tech students are concerned, is that many of the teams contain girls. For example, all teams entered by San Fernando Valley State College contain members of the

(Continued on page 2)

Mob to See Tech

Fourteen hundred students and teachers from high schools between San Diego and Bakersfield will arrive at the plaza between Throop and Millikan Saturday for Students' Day, the single largest student-run event during the year. Starting at 9:00, the students will tour sixty exhibits representing all departments of the Institute. In order to allow the students to become acquainted with student life on campus, students guide the tours and the high school students will have lunch in the seven Houses. The 200 teachers will eat in the Athenaeum with members of the joint faculty-student committee which directs Students' Day and with graduate student exhibitors.

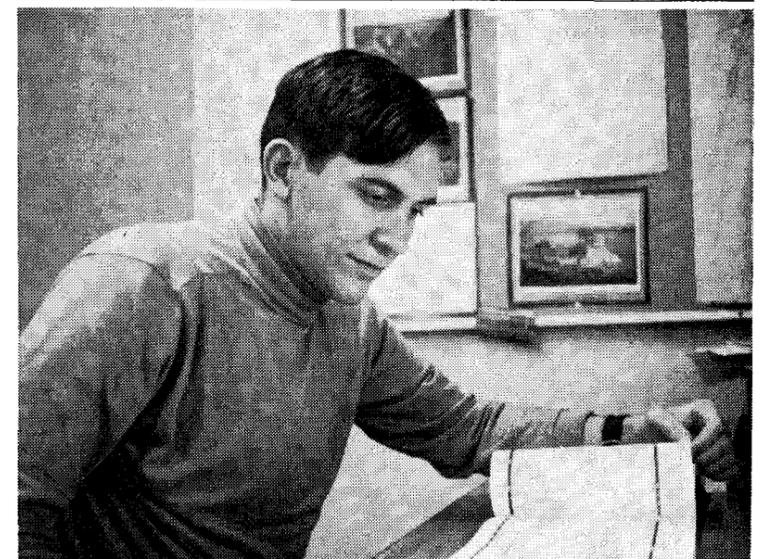
The afternoon program includes a concert by the Glee Club, welcome by President DuBridge, and talks by Dr. Robert

L. Sinsheimer and Dr. Albert R. Hibbs. As the high school students enter Beckman Auditorium, they will be issued invitations to return to Tech on March 2 for further consultation with department representatives as to the particular opportunities for scientific careers offered at Caltech.

This year, for the first time humanities exhibit. Thayer Scudder will present a study of his ten year project on change in the Kariba Lake basin of Zambia.

The exhibits are prepared by students and faculty members under the direction of members of the Faculty Committee on Relations with Secondary Schools, with the aid of student liaisons. The faculty chairman is Mr. Charles Newton of the Humanities

(Continued on page 2)



—photo by Stein

Kermit Kubitz, Caltech's inimitable historiographer.

Editorial

The Tech Ticket

President	Joe Rhodes
Vice-President	Chris Dede
Secretary	Larry Shirley
Treasurer	Joseph Feng
Activities Chairman	Mike Garet
IHC Chairman	Bill Nichols
Social Chairman	Warren Burton
Athletic Manager	Burton-Martin
Rep-at-Large	
Tech Editors	Lewin-Stein-Cooper
BOC Secretary	Peter Szolovits

This display represents the recommendation of the **California Tech** for next Wednesday's ASCIT elections. Five offices are being contested, while six will be captured without a fight. In one case, we feel no recommendation is best.

For President, the battle lines are sharp. Joe Rhodes plans to continue his work, while Barry Keller wants to "abolish ASCIT." We feel that such things as the Research Project must be followed through, and Mr. Rhodes has shown he possesses the resolve to do this. He is thus our choice.

In the race for treasurer, Mike Kellman has the naive notion that it is good for a member of the Executive Board of the Research Project to be the man who checks the finances of the Project for ASCIT. This conflict of interest eliminates him from consideration. Joseph Feng has conservative views, excellent for a treasurer.

Bill Nichols is our choice for IHC Chairman because he has an idea of substance for revamping the Houses, while Mike Stepanko just says a lot of words. Moreover, Nichols has served on the Undergraduate Student Housing Committee.

Neither candidate for representative-at-large presents a favorable picture, Felland because he is already too involved in too many activities to perform adequately in the office, and Smith because he has a terribly distorted view of ASCIT activity. (See their statements on pages four and five.)

Peter Szolovits' experience on the Board of Control makes him the man for the job.

—Les Fishbone

Into the Incinerator

"Is Tech for You?"

by Jim Cooper

(The column today is devoted to the high school students who will be visiting the campus this Saturday. Teckers need read no further.)

Greetings and salutations from your friendly neighborhood columnist to all of you effervescent, happy, unspoiled high school students. Although the purpose of your presence here is by no means to influence your choice of a college, many of you are undoubtedly considering Caltech as one of your choices. Since I wish to be known as a friendly, helpful columnist, I have prepared a special quiz especially for you which will enable you to determine whether or not Caltech suits you.

Caltech is at present exclusively a men's undergraduate college; but there is hope that in the not-too-distant future Caltech will admit women undergraduates as well. Thus, I have also prepared a special section of the quiz exclusively for female high school students.

There is no time limit to the quiz, nor do you need a pen or pencil. Section I of the quiz is for males only, and Section II of the quiz is for females only. Each question is to be answered "yes" or "no." Prepare yourself. We are about to begin . . .

* * * * *

SECTION I: 1.) Are you a male? (If you answered "no" to this question, you are in the wrong section and should immediately go to Section II. If you answered "undecided" to this question, you are in the wrong section and should immediately go to the Genetic Oddities Section of the Biology Division.)

2.) Do you enjoy taking show-

ers? 3.) Is your favorite piece of classical music Wagner's "Ride of the Valkyries?" 4.) Do you enjoy delicious food served in an appetizing fashion? 5.) Do you think that the word "waser" is a new method of wave amplification by the stimulated emission of radiation? 6.) Do you think three significant figures in chem lab are plenty? 7.) Do you enjoy being surrounded by beavies of beautiful girls?

8.) Do you think a troll is a mythological being who stands around and guards bridges? 9.) Do you think Bridge is a mythological building that stands around and guards trolls? 10.) Does the name Millikan immediately call to your mind using oil-drops to determine the charge of an electron? 11.) Do you think that Feynman's **Lectures in Physics** is the clearest, most comprehensive survey of the subject you ever read? 12.) Have you ever read Feynman's **Lectures in Physics**? 13.) Do you think that it is God who determines how the universe is to be run, and that He does not ask Feynman's advice?

14.) Do you believe an apostle is a religious fanatic? 15.) When your science or math teacher says that something is "trivial," "intuitively obvious," or "easily derived," do you agree? 16.) Do you think that the letters "MIT" stands for the Massachusetts Institute of Technology? 17.) Does the word "gross" mean 144 things? 18.) Are you unaware of what the letters "BFD" mean when used in math proofs? 19.) Do you think that the best example of a horny animal is an antelope? 20.) Do you think that snow is frozen water, usually found in the mountains?

(Continued on page 7)

Letters

Outside Cash

Editors:

I would like to clarify a point in Barry Keller's letter concerning Wally Rippe's electric car and the ASCIT Research Project, which appeared in the **Tech** last week.

Contrary to Mr. Keller's understanding that Wally has received money from ASCIT or from the Research Project, he has not received or solicited any funds at all from either group. Instead, his support has come from local government sources in the Los Angeles area, and he expects that this will continue to be the source of money.

Mike Kellman

Advertising Commissions

Editor:

The present ASCIT by-laws provide for a 35% commission for the business manager of the **California Tech** on all advertising received, less commissions to outside advertising agencies. At present such agencies receive a total of about 33% commission on national advertising, such as major recruiting ads and ads for national concerns, which represents a large fraction of the **Tech's** income. A rate increase is imminent, which will result in the total outside commission coming to over 35%. In order for the **Tech** to be able to continue to accept such advertising, the proposed by-law change of the commission rate to 40% only for such advertising must be passed.

Jeff Hecht

Computers, Foreigners

(Continued from page 1)

fair sex and one team from Rice University is completely feminine.

The topic chosen for debate this year centers around a Federally guaranteed minimum annual cash income. For those students and faculty members who would be interested in viewing one or several of the debates, Culbertson Hall will serve as tournament headquarters and information concerning the debates can be obtained there. The debates will run from noon on Friday until 6 p.m. Saturday evening, the final round to be held in 102 Steel at 5 p.m. Saturday. For those who would like to help with the tournament as well as see the debates, please contact Gary Cable in Ruddock or David Dockstader in Culbertson during the tournament.

Spectators are welcome to attend the debates; especially since they will add to the audience which the debaters are attempting to convince. Often the room is empty except for the judges, and debaters' ringing phrases cannot play on anyone's emotions. Finally, it's an informative way to spend a weekend.

Teenyboppers

(Continued from page 1)

ties Department, ably assisted by his secretary, Mrs. Muriel Williams. This is the 18th annual Students' Day since initiation of the event by student leaders in 1949. For the first time this year, the girls who attend may be told that they, too, have a chance to attend Caltech.

ASCIT Research Project Faces Three Alternatives

Editor:

The ASCIT government has been committed now for some time to a broad, dynamic program called the "ASCIT Research Project." As it was originally envisioned, the project would give anyone interested the chance to do research sanctioned by the Institute and ASCIT into some facet of socially-oriented technology. When smog was picked as the focus of the project, it was probably thought that by picking such a crucial, economically and socially deteriorating, and downright unsightly phenomenon as smog, a large portion of the student body would enthusiastically leap into, or at least interestedly consider joining, so contemporary a research project. However, to an interested outsider, the Research Project seems to be dying of two invariably fatal maladies.

First and foremost, somehow the timing seems to have erred just sufficiently for the greater percentage of the research-oriented to become involved with personal Honors Work before hearing clearly enough the facts about the A.R.P. For freshmen (being a section leader I can speak with direct knowledge only about my own group, but infer that their complaints are generally felt), the first term was so rushed and uncertain that consideration of outside activities had to be somewhat delayed. Even considering the assertion of ASCIT President Joe Rhodes that the project would help bring what we learn in classes into practical use, during the first half to two-thirds of the first term practically no one

had time to consider active research with the A.R.P. If an overwhelming publicity campaign had been set for the first two weeks of second term, some greater measure of success in getting active researchers might have been attained.

This brings me to the present, and the second seeming trouble with A.R.P., as seen by an outsider. Those who became involved with the program during the first term went in as organizational workers — policy, publicity, and finance, among others. What we have now is a very substantial organization with little research and much publicity and noise. Some very significant work is, indeed going on, and I certainly have no desire to slight those few who are now involved in research. But they are so pitifully in the minority that should the now-planned outside publicity moves be gone through with — including newspaper articles in local journals, radio publicity, and the bringing in of outside "research assistants" — the situation could become ludicrous, and a significant blot on the record of an ASCIT administration which would in the future be characterized as reckless and wasteful.

In summary, my impressions are these: either 1) there will be a rapid increase in the number of students who realize the opportunity this program gives them to do some constructive research, and the A.R.P. will thereby prosper and live up to its public assertions, 2) the ASCIT's present administration will lower the pitch of its outside publicity and concentrate on a very few projects of high quality, and simultaneously hone down the large bureaucratic machine thus far constructed to more aptly fit the scope of the project, or 3) the project will stagger on for a while with a large discontinuity between what it claims it can do and what the student body of Tech is interested in making it do, eventually resulting in the disillusionment of those who have given it money and facilities, and the final public ridicule of not only the A.R.P., but present ASCIT administration and the Institute itself.

The ASCIT Research Project has by no means yet heard its own death knell, but administrative and student body decisions in the next few weeks will determine which of the three inevitable paths outlined above will be taken.

Terrence Jay O'Neill

Mr. O'Neill's remarks are perceptive and certainly worth considering.

—Eds.

Dow Chemical Demonstrators Are Disappointed

The heralded picketing of Dow Chemical Company took place Monday, and it was worse than last year's farce: it was a nothing. Michael Farber, the sophomore who organized an SDS chapter on campus, called a meeting for Wednesday night of

(Continued on page 4)

California Tech

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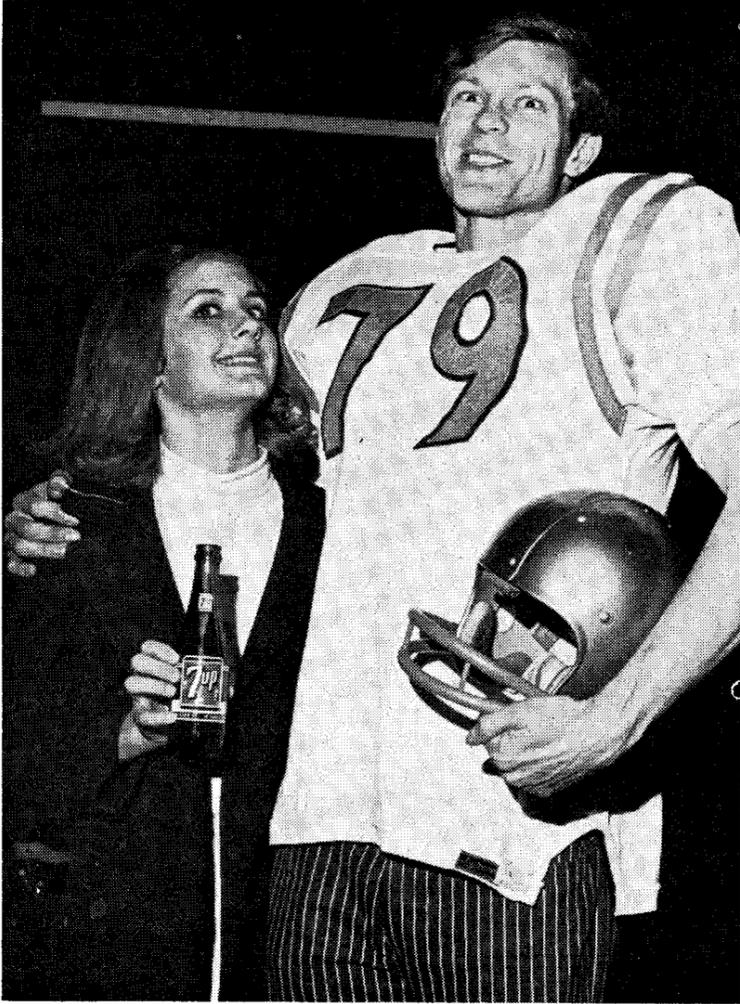
FEBRUARY 23



I'd like a big job please.



Thespians Sponsor "Pierre"



—photo by Gordon

You have to be a football hero to fall in love with a beautiful girl—even if she is the wife of a good friend. Cynthia Wilbur and Hal Petrie take time out from rehearsal of the Drama Club's production of "The Male Animal" to be presented March 1 and 2 in Culbertson Auditorium.

The Caltech Drama Club has finalized its plans for its production of "The Male Animal" by James Thurber and Elliott Nugent to be presented March 1st and 2nd in Culbertson Auditorium. To encourage student interest, a "Lucky Pierre" contest will be held this evening in Blacker courtyard, after dinner. Each of the Houses has elected (?) a freshman who they think typifies the ultimate in virility to compete for a bit part in the play. The entrants will engage in various manly contests, judged by the watchful eyes of the judges, the female members of the cast.

The play, a comedy, was originally a hit on Broadway. Brimming with the Thurber wit, the play centers around Tommy Turner, a young English instructor at a conservative mid-western university, who gets into trouble with the trustees of the university when he proposes to read a supposedly inflammatory piece of literature to his classes. This situation is all complicated by a triangle that develops between Tommy, his wife, Ellen, and Joe, an old flame of Ellen's who is in town for the big football game of the year. The whole situation is further confused by an idealistic, crusading newspaper editor, Hot Cha-Cha Gardner, and a couple of dumb football players.

The lead roles in the play are acted by Lance Lawson, a Ricketts freshman, who plays Tommy; and Pat Wilbur, a student at Glendale College. Pat, who plays Ellen, is also the current Miss Glendale. Other actors are Hal Petrie, who plays Joe; Cynthia Wilbur, who plays a love-sick schoolgirl; Steve Smith, the newspaper editor; Bill Dugan, who plays the inimitable Dean Damon; Jeff Moller, the commie-chasing trustee; Eloise Rosenberg, Carol Parker, Bob Sellent, and Glen Prestwich. The play is directed by Jon Evans, a Caltech graduate who is now doing graduate work in drama, and produced by Bart Gordon.

Critical Comment

Alice Lives But May Be Too Small to Find

by Creasy

In his masterful *Tiny Alice* Edward Albee stirringly demonstrates the loneliness of the human condition; he grotesquely emphasizes the need for a clear definition of the fine line between reality and illusion; finally, he mysteriously warns his audience that the attitudes which accompany increasing materialism may ultimately lead to confusion, frustration, despair. Under the direction of J. Robert Stahley the theater-NOW-troupe conveys quite effectively the full impact of Albee's abstract dream play.

Tiny Alice is about the conversion of a Catholic layman, Brother JULIAN (Gerald Reynolds), from Christianity to faith in Alice. The play opens with a naturally hostile meeting between the Roman Catholic CARDINAL (Tom Ater) and the LAWYER (Lawrence Aten), who are former schoolmates. Lawyer's wealthy client, MISS ALICE (Renate Stewart), wants to give two billion dollars to the Church. After some fierce reminiscence of their past hatred for each other and after an equally fierce reassurance that the hatred still lives, Lawyer and Cardinal agree that Julian, Cardinal's secretary, will serve as the Church's liaison for the business arrangement.

Julian, who has a strong desire to be of service to God and His Church (a desire so strong it approximates a martyr complex), accepts his assignment with vigor. He goes to Miss Alice's castle where he meets BUTLER (Dave Sheehan), the butler. Butler is a gentle person; intelligent, imperturbable, and a most un-butlerlike butler. After a full scene of superficial babble with Butler and intimidation from Lawyer, Julian finally

gains audience with Miss Alice.

Mission: Impossible

Miss Alice is initially designed as a very old woman who's hard of hearing. After taunting Julian until he thinks his mission impossible, Miss Alice discards the mask and the decrepit voice and surprises and confuses gentle Julian as she reveals her youth and beauty. They talk, and eventually Julian explains the mysterious six years he voluntarily spent in a mental asylum.

By the end of the second act everything begins to fall into place; the obscurities become clearer; the superficiality is dropped. The play gets down to the real nitty-gritty. The plan to convert Julian is revealed. Lawyer and Butler decide to tell Cardinal of the mysteries of the model of the castle which rests in the middle of the castle library — sealed and immovable. In the library of the model is a model of the model. In the library of the model of the model is another model, et cetera, ad infinitum. The model has a mysterious sort of control over Miss Alice, Butler, and Lawyer. They call it Alice; they speak of it with respect; they speak to it with awe. Miss Alice even prays to it.

Julian is seduced by Alice through Miss Alice without realizing the identity of his true seducer. The Cardinal, now aware of the scheme and a party to it, finally convinces Julian that he should marry Miss Alice (Alice actually) so that the Church can get the \$2 billion grant to use for the glory of God. Gullibility coupled with his love for Miss Alice lead Julian to give up the cloth and enter into the marriage, still not aware of the identity of his true bride.

When the conspirators explain to Julian what the reality of the situation is, the gentle ex-lay brother is overcome by confusion, disbelief, despair. He laments:

Demons

"I have not come this long way, have not — in all sweet obedience — walked in . . . those robes to be mocked . . . I have not stretched out the path of my life before me, to walk on straight — I have not fought the nightmares — and the waking demons, yes — and the years of despair, those, too; I have not accepted half, for nothing?"

When Julian starts to leave, Lawyer shoots him; the four conspirators leave him alone with Alice — to die. Gentle Julian's last words: "I accept thee, Alice, for thou art come to me — Alice, I accept thy will." He finally gives in to Alice — to truth.

Albee has created rich characters in Julian and Miss Alice. *Tiny Alice* strikes out at society with tremendous impact. The loneliness which reveals misery as homosexuality, chastity, martyrdom; the misery of hypocrisy and of obedience without understanding; the vices of the Church, the Law, wealth; the abandonment of aesthetic values for materialistic ones — all of these are treated in light of the ever-present and all-important question: "What is reality and what is illusion?" The theater-NOW-troupe presents *Alice* accurately and effectively. Mr. Reynolds and Miss Stewart play their roles superbly. *Tiny Alice* is currently at the Century City Playhouse, 10508 W. Pico, West Los Angeles.

VISTA Seeks Pragmatists

Representatives of VISTA (Volunteers In Service To America), will be on the Caltech Campus, Feb. 15 and 16, to seek qualified candidates who are interested in helping people to transform the ugliness of poverty into something better. Headquarters for the two-day drive will be at Winnett Center.

VISTA recruits, selects, and trains volunteers and then assigns them to projects which have asked for help throughout the country.

VISTA Volunteers spend a year of their lives in Service To America. They see the world as it is, not as it should be. They work on Indian Reservations, in Migrant Labor Communities, at Job Corps Centers, in the hollows of Appalachia and in programs for the mentally ill and mentally retarded . . . from Alaska to the Virgin Islands, from

Harlem to Hawaii.

VISTA Volunteers come from the large cities and the small towns; from the business world and from the campus. Some have advanced degrees and some are without high school diplomas. The youngest is 18; the oldest is 85.

To join VISTA, one must be at least 18 years old. There is no upper age limit. VISTA Volunteers may have no dependents under 18 years of age. VISTA is especially interested in retirees . . . people who have retired from a job but not from life.

There are no entrance requirements or tests to join VISTA. VISTA Volunteers receive allowances from housing, food, \$75.00 for personal expenses and a stipend of \$50.00 for each month of service. VISTA Volunteers are covered by a complete, paid insurance plan for medical and hospital care.

Representatives from VISTA will be available to answer questions and accept applications at the VISTA Information Center from 9:00 a.m. to 3:00 p.m. each day. The Academy Award-winning VISTA documentary, "A Year Towards Tomorrow," will be shown continuously from 12 to 2 p.m. on Thursday, and again at 7:30 p. m. at the Winnett Club-room 1.

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FEBRUARY 16

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Notices

SCRIPPS CONFERENCE
Today is the last day to sign up for the Scripps Conference. There is only a limited number of spaces, so sign up in the Caltech Y immediately.

RESIDENT ASSOCIATESHIPS IN THE UNDERGRADUATE STUDENT HOUSES
All those interested in applying for the position of resident associate in the Undergraduate Houses for the academic year 1968-1969 should contact the Master of Student Houses prior to March 15, 1968. Applicants should be graduate students or members of the faculty. For further information call at the Office of the Master of Student Houses (Lloyd House) or phone extension 2195.

STUDENT SHOP
There will be a Student Shop cleanup on Saturday, February 17. All members are expected to contribute one hour of cleanup time.

AMATEUR RADIO CLUB GATHERS (DUST?)
There will be a meeting of the Caltech Amateur Radio Club tonight at 7:30 in the Y Lounge of Winnett Center. Members and interested parties are encouraged to attend.

TRAVEL
Travel and educational opportunities abroad are explained in a folder at Louise Hood's office in Winnett Center.

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Candidates' Statements

ASCIT President Joe Rhodes

This past year has been an exceedingly active one for ASCIT. The leadership and the members of the Associated Students have begun probing some of the basic questions about the Caltech undergraduate experience. We have redefined the role of students in the decision-making process at Caltech by effecting student participation in the faculty committees . . . Through an Academic Reforms program students in large numbers considered what can we do to improve our Academic program. And we have taken upon ourselves the awesome task of organizing a research program on the problem of Air Pollution . . . Though, I believe this has been a successful year, there most certainly have been failures, disappointments and setbacks. Somehow, however, we made it. I believe this success stems from two factors. The ASCIT Board of Directors has provided the student

body with effective leadership and the student body has not been afraid to question and to change. **The ASCIT BOD and Potential Reorganizations of ASCIT**
I am proud of the performance of this year's ASCIT BOD. These guys have worked long hours often under considerable stress and yet managed to produce the ASCIT program. Their jobs were deeply affected by the new concerns of ASCIT, but they adjusted. After working together for many months, many members of the BOD began to sense that a BOD organized along different lines might greatly increase the effectiveness of ASCIT. The basic plan was to free members of the BOD from individual responsibility broader outlook of the BOD and abilities. This would encourage a insure that every issue received adequate consideration. I feel that such a reorganization of ASCIT is needed . . .

(Continued on page 6)

Vice-President Chris Dede

The ASCIT Vice-President is concerned primarily with the functioning of the Honor System and the maintenance of the Board of Control. The Honor System is a changing and evolving code of behavior rather than an inflexible, well-defined set of rules. Therefore, if elected, I will attempt to use the main-streams of student life during this year as a source of new directions that the Honor System might expand in, and present these possible modifications to the BOC and the student body for discussion. In the academic sphere, I will do my best to keep the Board of Control at its present high level of efficient interpretation and enforcement. Some possible changes in Board of Control procedures towards more informality are being considered; I believe that the BOC should operate more informally, and will expedite any changes found to be practicable.

Also of great importance to me is the position of the Vice-President on the ASCIT BOD. Especially with the oncoming proposed By-Law changes in the structure of ASCIT offices, the decisions of the BOD will be of great importance to the student body and Honor System. I will do my best to vote responsibly on these and other BOD decisions, and to discuss with the BOD any points of view you would like brought out.

In short, I'd like to be ASCIT Vice-President, and I'll do my best to be a good one. Thank you!

Chris Dede

ASCIT President Barry Keller

First, ABOLISH ASCIT. Obviously in the maturation and evolution of responsible human society the trend should be towards less and less government. If people can take care of themselves, why have an organization? Caltech is defacto non-student government. Admittedly (see crude comment to a very witty letter in last week's paper) only a small fraction of the members of ASCIT care anything about it. Why perpetuate an expensive farce?

Second, I take this opportunity to make crude and tasteless remarks, which will hopefully piss-off Wishbone and Teddy Bear Rhodes and Walley Jet Engine and the rest of the sold-out-down-the-river crew. Do not let this stop you from voting for me. Since I will do almost nothing if elected, I will be very inoffensive. You might never hear of me again. My two acts as fearless ASCIT leader will be: 1.)

Fly the Flag at half-mast in memory of the late, great Otis Redding. 2.) Pose for my picture in the yearbook. As for the research project, I say cut the ding-bats off, by crackee! They should form the Caltech Smog Club or something and can continue to make significant contributions and brown nose around for money and attention independently. In the past when Caltech students have been known for their activities it has been for screwing the Rose Bowl card stunts or screwing San Marino High School or for dragging bull-dozers in freeway construction sites. This Mickey Mouse, do-gooder Research Project is definitely out of keeping.

Most of you will be too tradition-bound or chicken-shit or intimidated by "responsible" upper-classmen to vote for me. You lose, suckers!

Barry Keller

IHC Chairman Bill Nichols

It's very easy to look at a problem and criticize it, but it is much more difficult to take active steps toward correcting it. I feel the present on campus housing situation is such a problem. In running for IHC Chairman, I am committing myself to trying to resolve the problem.

Most everyone will agree that the Student House situation is less than ideal. Yearly, people move off because of lack of house unity, and other people move off because they do not like the pressures of house unity. As IHC Chairman, I could work with the seven House presidents in order to resolve this problem. I think this could be solved by a splitting of the on-campus population into Houses of common interests. Such a regrouping would allow those who were bothered by House pressure to live without it.

It would also allow those who wanted house unity to find it. This would make the Student Houses a more enjoyable place to live for all people concerned.

I have had experience in Student House affairs, being a member of my House's Excomm and also a student representative on the Faculty Committee on Undergraduate Student Houses. Through this committee I have gained valuable insight into the faculty views on the subject of Student Houses. I have also worked on the student committee investigating the possibilities of a Junior Year Abroad Program I am willing and eager to undertake the responsibilities of the position of IHC Chairman and I ask you to allow me to do it.

Bill Nichols

IHC Chairman Mike Stefanko

I have attempted to serve the interests of the students at Caltech for the last two years. I have participated in the sports of water polo and swimming. I was gameroom chairman last year and also served as a Presidential aide. I am currently working on the Research Project and the Musical. Finally, on the House level, I served as Social Chairman and was one of the initiators of having our courtyard restuccoed.

The IHC Chairman has two duties; on the IHC and on the BOD. I would like to see the BOD concerned with the following topics this coming year: status of Coffeehouse and the Academic Reform Groups, establishment of an ASCIT News Service, restructuring of BOD, moderation and no further financial assistance to the Research Project.

The most important job of the IHC Chairman is chairing the

IHC. As I looked about me, I was very discouraged by what I saw. The living standards are far below the level of acceptance. The IHC should no longer accept these standards but should define the living conditions that they deem adequate. The IHC should concern itself with physical improvements in the Student Houses, with student involvement on Institute committees pertaining to Student Life, and to serve as an idea plant for improving House spirit. The IHC should unite the students.

If elected I will maintain student participation through House bull sessions; and student awareness through a periodic column in the Tech. If we give the IHC a chance, it will lead the way toward improvement and provide the spark of interest and spirit.

Mike Stefanko

BOD Sec. Shirley

As ASCIT Secretary, I hope to continue the smooth efficiency with which Gavien Miyata has served this past year. Since I have held positions of responsibility in several campus activities, I believe I can view the issues with open-mindedness and vote responsibly. As member and Secretary of the ASCIT ExComm, I have worked with the Board of Directors on various problem areas. Probably the most important of these areas at this time is the question of reorganization of ASCIT structure. The ExComm is currently studying the possible changes to be made and will present proposals to the new BOD in April. If these changes are accepted by the voters, there will be considerable work to be done to insure a smooth change-over to the new system. My ExComm experience will help me to serve as a liaison in working out the operational details of a new ASCIT structure.

The Associated Students of Caltech are working in a wider range of activities than many business corporations — from smog research to the production of a musical play and much in between. I hope to help encourage, coordinate, and invigorate this wide field of interests by service on the ASCIT Board.

Larry Shirley

Activities, Gareth

It is becoming more and more difficult to classify in traditional ways the things which students feel are important. The distinction between social events, athletic events, and "activities" events is becoming less relevant; in fact, the distinction between academic and non-academic education is fading.

The kinds of activities in which many students wish to participate reflect this change. Forty people learn to understand themselves and each other a little better during a weekend conference in the mountains. A group of students try to learn to communicate in mathematics or philosophy by attending classes in a new and colorful classroom. One hundred people learn to communicate with each other on many levels during the year-long preparation for a musical play. Students from many schools try to grasp a meaningful social and technical problem in a large research effort.

Maybe these activities are exciting because they are all at once academic and non-academic

—social and non-social. They do not try to draw distinctions.

Yet because they do not fit easily into our rigid student body structure, it is difficult to talk about them at all without confusion and large misunderstanding.

I feel that we must take a hard look at our entire student body—the undergraduates and graduates, the student houses, the YMCA, ASCIT, and the many elected and appointed officials each of these groups produce. For it is nonsense to designate a small group of people in the ASCIT structure as the Activities Committee when there are numerous duplicate groups in the rest of the levels of the student body, as well as similar or closely related offices in ASCIT itself.

ASCIT must serve as a forum for campus life—including the Student Houses, grads, and undergrads—not a competitor. I would like to be able to work to create such a forum.

Mike Gareth

Editors: Stein, et. al.

For those of you who are becoming muddle-headed because of tongue-twisting verbosity and polysyllabic platitudes enunciated by various other candidates, we over a one-word distillation of our basic, underlying philosophy: and that word is **CONFIDENCE!** We are confident; you are confident; and we again are confident.

We are confident of victory because we are unopposed. You are confident that we will win, because there are no other suckers available for whom to vote. We are again confident in our abilities to produce a newspaper which shall be unexcelled with respect to irresponsibility, unprecedented distortions of facts, and complete ambiguity and bigotry in editorials. We stand for elimination of obscenity, except when necessary; for uncompromising liquidation of Chem E's; and for crusades for the benefit of all students . . . on the Staff of the Tech, especially the Editors.

In conclusion, let it be said that we expect a good year — despite the prediction of promi-

nent soothsayers.

Jim Cooper
Dave Lewis
Alan Stein

(Our thanks to Stu Galley and Wally Oliver who in 1964 summed up our views so admirably.)

No on Napalm

(Continued from page 2)

last week to prepare posters for the projected picketing of the napalm manufacturer's recruiter, who visited Caltech Monday. Half a dozen showed up, and virtually nothing was accomplished.

When Monday rolled around, Farber gave up the ghost and de-

(Continued on page 6)

**PAT'S LIQUORS
AND DELICATESSEN**
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BOC Secretary, Falk

The Honor System under which we spend our four years at Caltech is one of the most highly-prized and difficultly-earned privileges that may be sought. We are afforded full freedom on this campus, in any aspect of our daily activities, due to the atmosphere of mutual trust which is an integral part of relationships among members of the Caltech community.

Unfortunately, several students encounter extreme stress attempting to adjust to the Honor System, and thus the existence of the Board of Control is a necessity. Many procedural changes have been suggested and enacted by the outgoing Board of Control; although I voice my emphatic approval to the dynamic action undertaken by the previous members of the BOC, I am of the opinion that the board can extend itself further and perform greater service than at present through a program of rehabilitation of the offending students.

I would like to see a concentrated effort to assist convicted violators in adapting to the Honor System through "follow-up" meetings, wherein counsel of-

fered by the BOC would perhaps stimulate a past offender into becoming an active part of the Honor System. It is entirely possible that some of the austere formality of Board sessions could be eliminated in order that the accused might be more confident about trusting his fate to the BOC.

This is only a brief resume of my attitudes toward improvement of the Honor System. I hope to be talking with many of you before elections.

Thank you,

Jack L. Falk

BOC Sec., Szolovits

Editors:

The Honor System plays a vital role in student life at Caltech. Because of its fundamental concept, "Don't take advantage of any member of the Caltech community," students, faculty and administration can live together in mutual trust and work together for the benefit of the students and school.

The Board of Control is responsible for dealing with violations of the Honor System and for determining the applicability of the Honor System. The mem-

bers of the board must be serious in purpose to fulfill their roles as enforcers of the Honor System and imaginative in order to interpret the concepts well. During the past year I have been a member of the Board of Control, to which I was appointed as Representative-at-large last February. During this year the Board has performed its functions well: We have innovated changes in our procedure to present a less frightening image to defendants than in the past by appointing a counselor who keeps the defendant informed about what the Board is considering and their principal doubts. We have proposed a by-law change which will lift the sometimes restrictive cloak of secrecy from cases at the defendant's discretion. In the future the Board must concern itself with ways of better implementing the Honor System in non-academic areas in which it has been most controversial, and with the effect of the Honor System on Institute actions toward the students.

I have been an active participant in the deliberations of the present Board and have gain-

ed the experience necessary to be a good BOC Secretary. I have served Caltech as Secretary of my house, and as a member of several student and faculty committees. I hope that the Associated Students will elect me to serve as Secretary of the Board of Control.

Peter Szolovits

Soc. Chairman, Burton

If elected, or, as it happens, when elected, I shall continue to provide a social program aimed at supplementing House social programs with activities that are more extensive than individual Houses can sponsor. The highlight of the ASCIT social program for the coming year will again be Lost Weekend scheduled for the 10th, 11th, and 12th of May. In addition to Lost

Weekend the tentative schedule for third term includes the third Jazz Concert of the current series, another sports car rally entitled Teamsters Trauma, and a seven-House exchange sponsored by ASCIT.

As in the past the success of the ASCIT social program will depend heavily on support from the student body and the House social chairmen.

BOD Rep. Smith

I'm not going to say a lot of garbage about qualifications, because there are no offices in high school or freshman experience that would really qualify anyone for ASCIT office. Instead, I will present my views on some of the issues involved in this election.

From the record of previous years, it is easy to see why there was a strong abolish ASCIT following last year. If ASCIT is to exist at all, it must be as an active student group. There should be no room for a do-nothing ASCIT.

A letter in the Feb. 8 issue of the *Tech* by Mike Stefanko pointed out many of the problems faced by Caltech students. His answer was unity of the IHC. Mine is cooperation of ASCIT and the IHC instead of bickering over control, for until these two work together, student life won't improve.

There has been a lot of recent criticism of the Research Project, and I agree that it should be greatly improved if it is to continue. If run properly, however, the project can provide valuable contact with the outside world, as well as getting Teckers interested and committed in something constructive.

ASCIT should become involved in more activities such as the Musical, and should add its own social program to that of the Houses. It should not, however, try to compete with the Houses. Instead it should add things to the social life that one House alone might not do.

If you agree with some of my ideas, I ask you to vote for me. My only campaign promise is to do my best for you. Thank you.

Nicholas Smith

BOD Rep. Felland

We, the students of the California Institute of Technology, stand at a unique point in Caltech history. Activism that has been so common to the colleges of this nation has spread to our campus. While we may count ourselves fortunate that widespread concern does engulf our campus, we have not yet found a panacea. . .

Perhaps the most important is the Research Project. My stand on the project is one of support for both its general and specific goals. However, I also feel that the project was a little too optimistic at the start especially in the area of funding. Perhaps though this too forms a part of the education experience involved with the Project. My experience with the project includes being secretary of the Coordinating Committee and membership in the Publicity Committee.

In this election there is a very grave danger that the Research Project will too greatly domi-

(Continued on page 6)



THE SPREAD-EAGLE OF TECHNOLOGY AT GRUMMAN

Ranges from inner to outer space

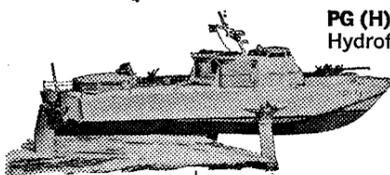
Grumman has special interest for the graduating engineer and scientist seeking the widest spread of technology for his skills. At Grumman, engineers are involved in deep ocean technology...engineers see their advanced aircraft designs proven daily in the air over Vietnam, and soon...in outer space, the Grumman LM (Lunar Module) will land the astronauts on the lunar surface. Grumman, situated in Bethpage, L.I. (30 miles from N.Y.C.), is in the cultural center of activity. Universities are close at hand for those who wish to continue their studies. C.C.N.Y., Manhattan College, New York University, Pratt Institute, Columbia University, State University at Stony Brook, Polytechnic Institute of Brooklyn, Hofstra University and Adelphi College are all within easy distance. The surroundings are not hard to take. Five beautiful public golf courses are in Bethpage—two minutes from the plant. White sand beaches stretch for miles along the Atlantic (12 minutes drive). The famed sailing reaches of Long Island Sound are only eleven miles away. The informal atmosphere is a Grumman tradition, matched by an equally hard-nosed one of turning out some of the free world's highest performance aircraft systems and space vehicles. To name a few . . .



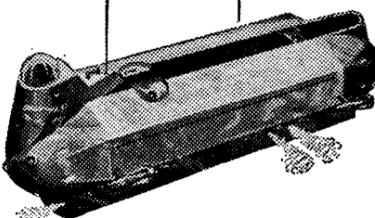
LM—Lunar Module to land the astronauts on the lunar surface



EA-6A Intruder—All-weather, tactical, electronic weapon system



PG (H)—57-ton Hydrofoil Seacraft



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Here then is the opportunity for graduating engineers. AEs, CEs, EEs, MEs, IEs, Physics majors and Chemical Engineering majors... to take their place in the continuum of technology that is Grumman. Grumman representatives will be

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More Felland for Rep.

(Continued from page 5)

nate the issues. Two other issues that are also highly important are publications and the status of the Caltech Coffeehouse. In respect to publications, I feel that the following resolutions should be adopted:

- (1) To appoint little t Editors first term.
- (2) To salary the Editor of the little t.
- (3) Hold coordinated advertis-

ing drives for all publications.

Also, it is highly important that ASCIT do something to alleviate the present situation of the Coffeehouse. I am certain that I am qualified to help in this respect due to my experience as a waiter and my close relations with the managers. . . .

I feel that my experience with the Research Project and the Coffeehouse and the extensive inviews I have had with Board

members, Editors of Publications, Coffeehouse managers, and members of the Academic Reform Groups makes me well qualified for the position of Representative-at-Large.

Mike Felland

More Dow

(Continued from page 4)

cided not to waste his time. For most of the morning and afternoon three lonely do-gooders stood vigil near the flagpole in front of Throop, with signs notifying scientists that they had responsibility.

The Placement Office refused to tell the picketers where the interviews were being held; finally, Len Erikson, after extracting a promise that no demonstrations would occur inside the building, divulged the fact that Thomas was the place.

With some cardboard from the YMCA and some chalk from Jim Ishida's pocket, three more demonstrators spent the afternoon in front of Thomas and chatted with the passers-by. It was cold.

Joseph Feng

Rhodes for President

(Continued from page 4)

I would like now to outline some concerns of mine that would be reflected in my determination of priorities for the ASCIT BOD, if re-elected.

Graduate Students and ASCIT:

After talking with several graduate students, I now feel that some arrangement might be made to have ASCIT include the other half of the student body . . .

Academics

The single most amazing fact about Caltech to me, has been the amazing conservative and inappropriate academic structure imposed on undergraduates . . . We toil under an outdated system that maximizes pressure and minimizes education.

The Caltech undergrad is a real, live person. He is not a forest of knotty pines which are cut down to find the one lone petrified log. We shouldn't be driven by grades and exams. We should be eagerly learning from our faculty on a personal basis, and from one-another. Caltech has this potential. It attracts such creative and self-reliant young scholars . . .

A division in the Student Body

There is developing a sharp di-

vision in the student body between the "straight" conservative pro-war Tecker and the anti-war, drug using, "with-it" guys. There seems to be no communication between these two groups. These groups also correspond in a rough way with on and off campus students. This of course is not a completely sound generalization. ASCIT could and should provide some mechanisms for mutual understanding among the student body . . .

The ASCIT Research Project

Much time effort and money has gone into the ARP idea. I feel that the project has achieved many of its goals to date except to involve a majority of the student body and to obtain large single funding grants. This project cannot succeed in terms of our campus if the student body hovers over its project like hungry vultures looking for death throes. Local college students have responded very favorably and a Caltech student can obtain many of the project's benefits even from participating one hour a week. One of the biggest complaints I have heard is that we lack confidence in ourselves. We

(Continued on page 10)

Treasurer, Ferg

The office of ASCIT treasurer has certain well-defined duties that can be fulfilled by any Tecker. However, the ASCIT treasurer is also a member of the Board of Directors. I feel that if there should be any basic changes in the structure of the Board of Directors, the treasurer should be a member of that body, since without the influence of the treasurer there is a danger of a board temporarily losing financial perspective.

The ASCIT treasurer is also a member of the Fiscal Policies Board of the research project. I feel that the research project is now real and viable, and the treasurer should maximize the life of research project funds.

But as a member of the ASCIT BOD, I feel that the treasurer should keep the corporation from becoming overly committed to the research project or any other future project.

My platform, then, is to try to fulfill the duties of treasurer competently, while I would also strive to maintain the position of treasurer as a member of any board that might be proposed, and I would try to maintain some perspective on the board when new and exciting projects are proposed.

Treasurer Kellman

Students, through ASCIT, should continue to play a more active role in shaping academic policy, by implementing the recommendations of the Academic Reforms Groups. As an official of the ASCIT Board, the treasurer ought to be more involved in these policy decisions, in addition to carrying out the regular duties of the office.

To be more effective, I think that the recommendations to revise the ASCIT by-laws should be put into effect. In addition, the treasurer should be actively involved in the Fiscal Policy Board of the Research Project, of which he is a member. I think that as a member of the Executive Board of the Project, I am well-qualified to do this.

ASCIT ought to be especially interested in revising the present option system, the freshmen labs, and the current set-up for honors work.

Mike Kellman

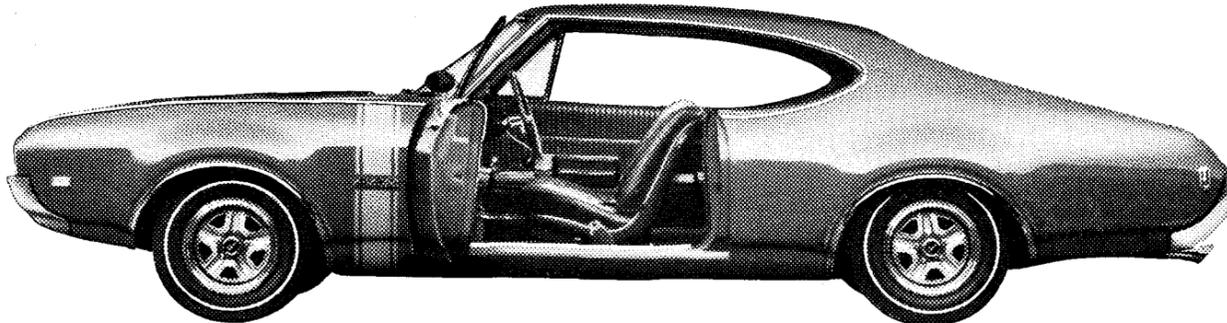
Ath. Mgr. Martin, etc

We feel that we are qualified for the office of Athletic Manager because of our involvement in athletics and the fact that one of us has served as Athletic Manager during the past year. We realize not only the obligations of the job of Athletic Manager itself, but also the responsibility of serving on the BOD.

We will not bore you with the usual garbage, but there is one thing we would like to do differently. This involves the handling of honor keys and certificates. In the past these awards were given out at the Springs Sports Awards Banquet and very few of the award winners attended. We would like to see a separate banquet for these people, possibly held in the Athenaeum so that they may receive the recognition they deserve.

Tom D. Burton
Lonnie Martin

'68 Oldsmobile: Great spot for a sit-in.



You're looking at the year's sweetest place for a sit-in—Olds 4-4-2.

This is the scene: Louvered hood up front. Crisp sculpturing in the rear. Rally Stripe and Custom Sport Wheels available in between.

And what gleams beneath that rakish afterdeck? Two telltale flared exhausts that give voice to a 400-cube, 4-barrel, 350-hp Rocket V-8.

And look where you live: in foam-padded, bucket-seat comfort.

The center console is also available, as is the clock/tach/engine gauge Rally Pac.

And with all the new GM safety features, including energy-absorbing steering column, 4-4-2 is the greatest sit-in you ever sat in.

Olds 4-4-2—one of the youngmobiles from Oldsmobile—named "Top Performance Car of the Year" by CARS Magazine.



“... The Changing Character of the Caltech Undergraduate ...”

(Continued from page 1)
at other schools. The Committee's final consensus will apparently be that within the present system, exchanges are too difficult to arrange.

Many other worthwhile suggestions appear in the Academic Reform Groups report, but unfortunately it does not appear that the Institute is ready yet for inter-disciplinary options, seminars on teaching techniques, or flexibility in the division of class hours between lecture and recitation.

The other project of potential major impact on student life is the ASCIT research project. There has been a great deal of contacting and organizing and indeed spending, but the quality of the final project remains in doubt. The February 1st **California Tech** noted that the initial \$1000 had been entirely committed, and further expenditures have temporarily been halted. A request for \$30,000 from the Rosenberg Foundation was rejected, and until some foundation does accept the Project's application, further progress will be stalled.

New student direction
The research project represents a new direction for student government, away from the traditional maintenance, athletic, and social programs toward a concept of student activity generally similar to the Institute's research goals, but independent of Institute control. The goals include not only significant research, but also a social effect on the Pasadena area and an involvement of Caltech students in greater contact with other schools. The achievement of these goals seems distant, because of limitations on money, time, and continuity of administration. So far, the Research Project has had little effect on the life of the majority of students at Caltech.

The students who have become members of faculty committees as a result of the ASCIT's general meeting last spring can only be a positive factor for student life in the future. The information the student body receives from these committees can lead to new directions for ASCIT to work. The feedback to the faculty can allow greater integration of student opinion with faculty

and administration plans.

Undergraduate females due
Certain other effects are perhaps byproducts of the recent wave of student activity. The recommendation of the Faculty Ad Hoc Committee for the admission of women as undergraduates was spurred on by the interest of the BOD, the ExComm, and the EPC. Here again, the real gain for student life lies in the future, and pressure and interest must be maintained to keep the Institute moving.

The large rise in off-campus residency and the movement of undergraduates into the Graduate Houses are student responses to the lack of progress in the area of life in the Houses. The Eastern tour of House representatives stimulated interest in the plight of the Houses, but little change in the structure has come about. Changes in the resident associate's role are rumored for next year, but in general it seems likely that the effects of the Eastern tour will, because of lack of ASCIT or IHC initiative, end with the graduation of many of the representatives this June. Here, up to a point, the barrier is one of student interest rather

than financial constraints.

Dr. Huttenback, the Master of Student Houses, has a substantial fund to implement worthwhile ideas for improving House life. However, the fund of the Master of Student Houses is not equal to the basic task of entirely re-vamping the House system. And the year-long contract is not a solution. As a step in the right direction, the Dabney House Sensitivity Conference coming up February 24-25 must be mentioned. This type of attempt to break down barriers to communication may be the only way to rid the Houses of their smug cynicism and traditional self-pity.

All this activity has not been without cost. To some extent, the directions of growth of student activity have been undirected and unplanned, and very dependent on individual BOD interest for existence and growth. Whatever happened to the Alumni programs at 11:00 on Wednesday? Until last week, the student-faculty coffee hours had disappeared from the campus scene. Certainly the Coffeehouse has not replaced the coffee hour as a means of communication with the faculty. The Coffeehouse has

not developed into a place for discussion with fellow students or members of the outside world. It must also be questioned whether the growth of the ASCIT Musical from an all-student talent show to its present form has been sufficiently the product of planned consideration of major student interests or benefits to student life.

Future and assurance

ASCIT desperately needs two things. The first is assurance that projects once started will continue to be developed from one administration to the next, and used so as to provide maximum benefit. The second is a plan for the future development of ASCIT's role on campus, facing the challenge of increased involvement of graduate students, the changing character of the Caltech undergraduates, and new structure within which the Institute tries to fulfill its promise of Science for Mankind.

“Pop Quiz”

(Continued from page 2)

21.) Is your most prized possession your slide-rule? 22.) Do you believe your high school has the least possible school spirit for an educational institution? 23.) Does the word “Citran” refer to some kind of fruity core? 24.) Do you intend to become a physicist? 25.) Do you think you can put up with this stupid quiz any longer?

Now, to see how you did, please skip over the female section of the quiz and read the evaluation section. This next section is for females only. Again please answer each question “yes” or “no.”

* * * * *

SECTION II: 1.) Are you a female? (If you answered “no,” you are in the wrong section and you know where you can go.) 2.) Do you enjoy meeting fascinating males? 3.) Is your height between 4' and 6'6"? 4.) Is your weight between 80 and 300 pounds? 5.) Do you think college men are fascinating? 6.) Do you think college men who write columns for their college's newspaper are even more fascinating?

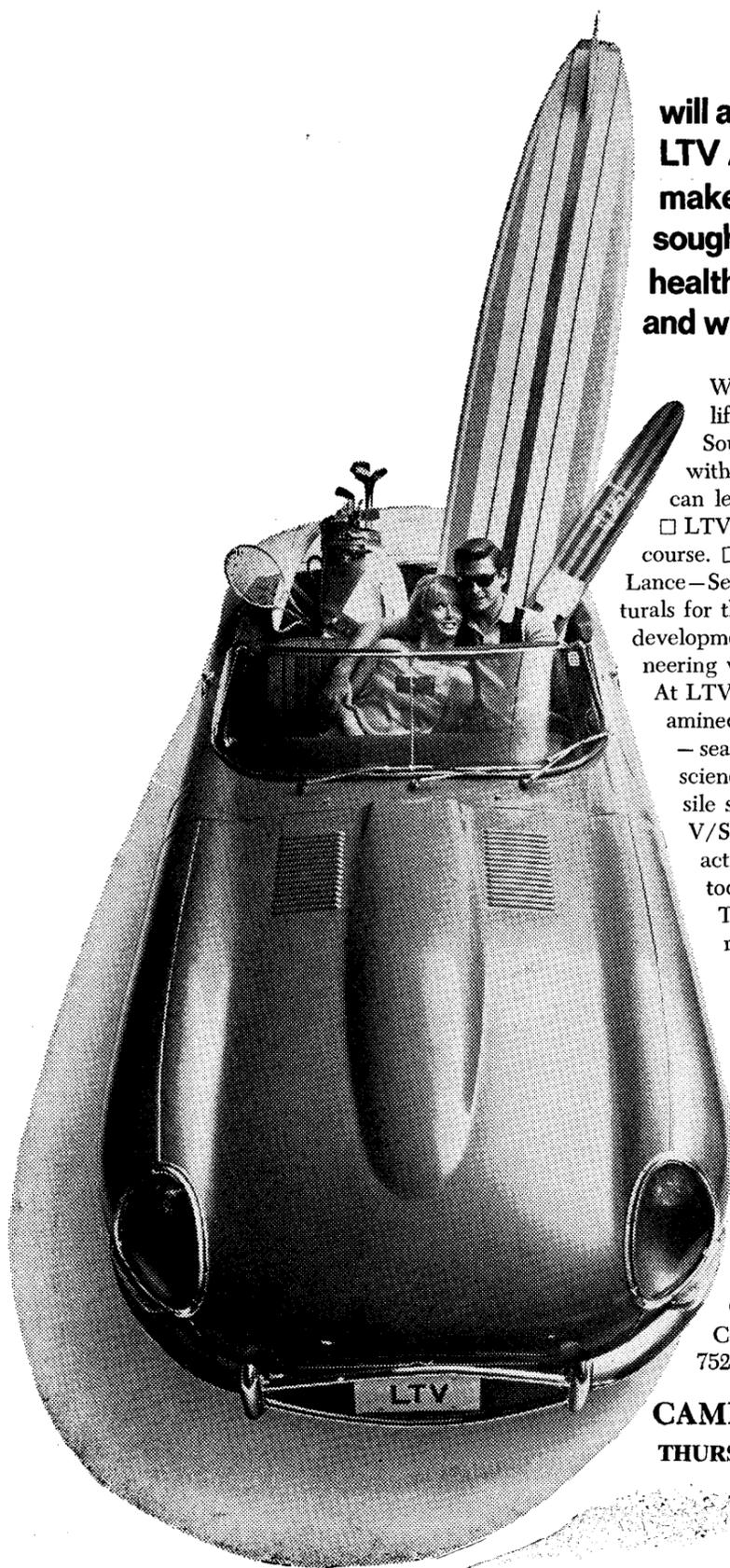
Now, please read the evaluation section to see how you did.

* * * * *

EVALUATION SECTION

For males (Section I): If on Section I you answered any question “yes” (other than question number one), you unfortunately would probably have to change some of your ideas if you came to Caltech. On the other hand, if you answered all of the questions “yes,” you probably will

(Continued on page 10)



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sought after,
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and wise?**

Why shouldn't you enjoy the good things of life when you're out to conquer the universe? Sound far fetched? It's not. Your first job with LTV Aerospace sets you on a path that can lead you almost anywhere you want to go. LTV Aerospace Corporation makes products, of course. The A-7 - F-8 - Gama Goat - MACV - Lance - Sea Lance - Scout - prime subcontract structural for the 747 and the SST. That's a few. Design, development and production require systems engineering with enormously diversified capabilities. At LTV Aerospace those capabilities are being examined in terms of the total environmental picture - sea, land, air, space and outer space - in ocean sciences - high mobility ground vehicles - missile systems - military and commercial aircraft, V/STOL - launch vehicles - extra vehicular activity research and development. These are today's spheres of action at LTV Aerospace. They are the frontiers of tomorrow. A representative of LTV Aerospace Corporation will visit your campus soon. Talk to him. Talk specifics about programs, assignments, duties, salaries. Then, talk futures. Ask questions about where your first job can take you. He'll have answers for you, and they won't be vague generalities. He'll show you where LTV Aerospace Corporation is heading in the total environmental adventure, and how you fit in. You could find yourself getting pretty excited about it. And that's a darned good way to feel about your first job.

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**CAMPUS INTERVIEWS
THURSDAY, FEBRUARY 22, 1968**

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Cagers Lose Twice

Caltech's varsity basketball squad dropped two games last weekend to bring its season's mark to three wins against sixteen losses. On Friday night the Stage of Claremont-Harvey Mudd College socked the Beavers 82-49 in a conference tilt. The following night the Tech cagers fell 84-75 to Los Angeles Baptist College in overtime. Both contests were played at Caltech's Scott Brown Gymnasium.

The Friday night affair was like a nightmare to the sparse gathering of Teckers and Tech fans. The Beavers jumped to an early 3-0 lead and their supporters went wild with excitement and whoopee! Two minutes or so later the Stags were leading 14-3, and the handful of Claremont rooters had their turn. The contest was essentially over.

The Beavers scored only 14 points in the first half as they left for the dressing room trailing by about 30 points. The Tech cagers found the basket in the second half and managed to equal the Claremont output, but

the damage done in the first half was irrevocable. The final tally: CHM, 82; CIT, 49.

The statistics give an accurate evaluation of Mudd's victory. The Stags shot an impressive 60% from the floor to Caltech's 26.2%. Caltech did beat them at the foul line, though, 60% to 48.3%, but the game was decided from the field. The taller Stags out-rebounded CIT 61 to 47. Seniors Terry Bruns and Jim Stanley combined for about half the Beavers' offense as they scored 13 and 11 points, respectively.

Saturday night's game against L.A. Baptist was the most exciting game the Beavers have played all this season (and perhaps any other season). At the end of the forty minutes of regulation play, the score was knotted in the perfect tie, 69-69. In the five-minute overtime, however, Tech faltered, and the Mustangs turned on the steam for an 84-75 win.

Tech shot 34.7% and L.A. Baptist 45.3% from the field. From the line it was 50% for the Beav-

ers and 57.1% for the Mustangs. On the boards the Ponies were only slightly stronger, taking 64 rebounds to the Engineer's 59. Despite the loss five Teckers hit in the double figures: Stanley, 19; John Frazzini, 12; Bruns, 12; Tom Bicknell, 11; and Ault, 10.

Ault was also named "Player of the Week" by head coach Ed Priesler for his outstanding defense play. "Rebounder of the Week" was again Terry Bruns. Freshman Gary Kotnig was the week's best free thrower.

Ricketts Wins

Ricketts defeated Ruddock in a Discobolus track meet, as Ricketts is closing in on Dabney's point lead. The final score was 31-14 without the relay being run as it was not necessary to determine the victor.

Ricketts dominated the meet as Ontaki and Tarjan placed one-two in the 660-yard run. Tarjan also tied for first in the 100-yard dash with Butterworth of Ruddock. Rehbein and Pelajowski tied for first in the high jump while Schultz won the 120-yard intermediate hurdles.

Fleming has challenged in tennis, basketball, and pool and billiards. Ricketts has not yet decided in which sport it will accept.

Page Takes Track

The Interhouse Track Meet ended with Page downing Fleming by one and a half points. The meet was decided by the outcome of the 220-yard intermediate hurdle race held last Monday. This occurred after the original race's outcome was disputed and the race had to be rerun. The dispute was due to incorrect setting of the hurdles as one runner was hurt.

The meet began with the 1320 yard run which was captured by Graham of Dabney in the time of 3:31.3 min. Norman of Page was second. Later Graham, taking a large early lead, took the 660 yard run in 1:29.5 min. and Norman was again second. The 330 was captured by Templeton of Fleming in 39.6 sec. as he caught Creasy of Page, finishing second, from behind.

The sprints were captured by Fitzgerald of Fleming. He won a close 100 yard dash in 10.8 sec. and won the 220 yard dash in 24.6 time. Gorad of Page was second in both events.

The 880 yard relay was captured by Fleming as they barely nosed out Page at the finish line. Lee gave Fleming its lead and then Burton and Lewis kept it with Bradley running the anchor lap.

Pain
The seventy yard high hurdles were won by Sando of Ruddock in 9.7 seconds with Lee of Flemings finishing a close second. The disputed 220 yard hurdles was won by Gregg of Page in 27.0 seconds as he set a new Interhouse record. Sando, injured in the first race, was still able to finish a close second as he sprinted the last 100 yards in intense pain.

Outstanding performers of the meet were Graham of Dabney, taking three events, Sando of Ruddock, taking two and Fitzgerald of Fleming who captured two.

Another dispute occurred in the relay race concerning interference and the result of third and fourth places. This was decided in a post-meet meeting.

TECH Sports

Netters Take 1 Match But Lose to Lutheran

The Beaver Tennis squad was victorious at home as they downed Loyola but were unable to win away as they lost to Cal Lutheran.

Caltech's tennis team showed what it could do outside of its own rugged league last Wednesday as it handily beat Loyola College, 7-2, on February 7. The victory was important to the team, whose morale is sometimes unjustly lowered due to the exceptionally high caliber of the teams in Caltech's own league.

Despite a skeleton team, Caltech swept the singles division of the match, although all set scores were rather close. First man Youtz and fifth man Duesdieker each outlasted their opponents 7-5, 6-4. Second man Davidheiser fared slightly better at 6-4, 6-4, and Glenn Prestwich still better with his 6-4, 6-3 victory, but the most decisive score was obtained by Larry Brown, who won 6-4, 6-2. Third man

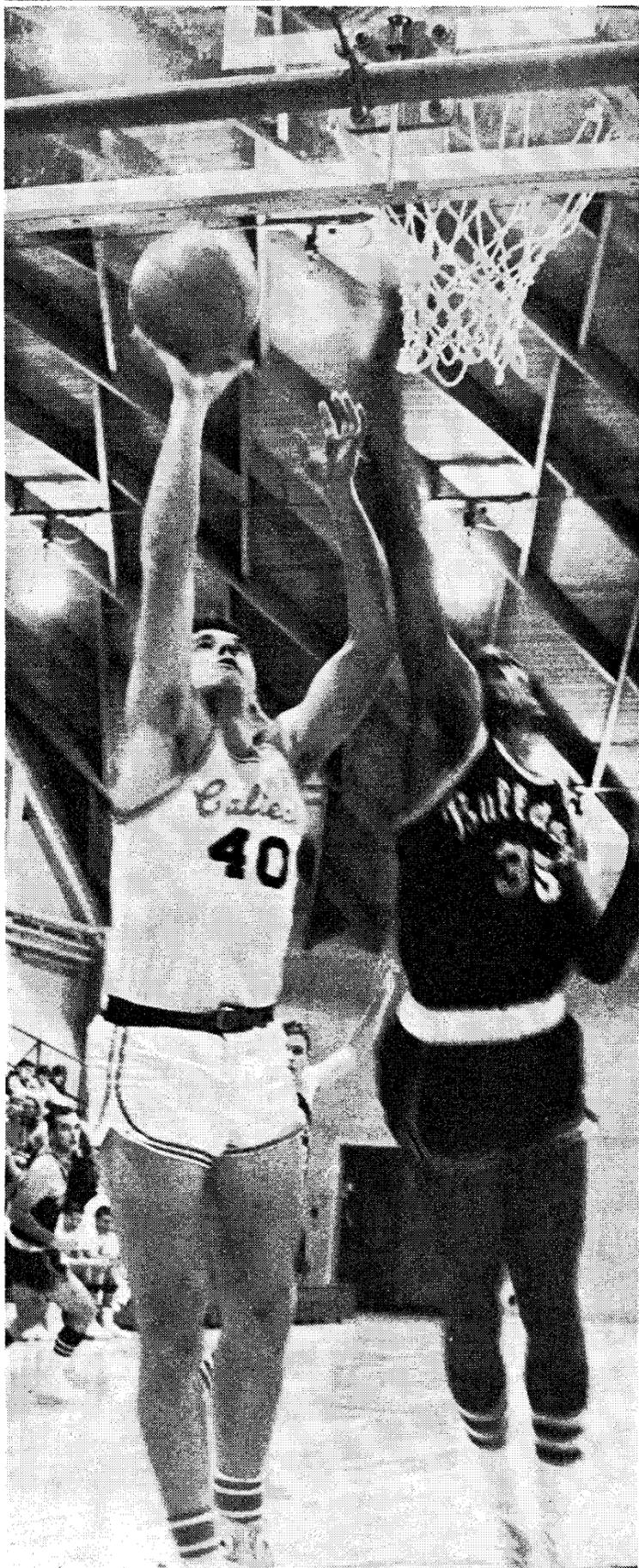
Greg Evans won on a mishap, when his opponent, Bruce Strotz, acquired a leg injury and was forced to default.

Doubles, however, proved to be the team's weak point, as strong men Youtz and Brown were overcome 6-3, 6-2, and substitutes Don Crawford and Don Smith, both freshmen, lost 6-1, 6-3. Only the victory of Evans and Frost, a well-deserved 6-0, 4-6, 8-6 match, saved the face of Caltech doubles.

The Caltech tennis team, jubilant after their recent win over Loyola on home courts, met with disappointment in Saturday's trip to Cal Lutheran. Despite a valiant effort, Tech's netters succumbed 5½-3½.

The singles, as usual, went fairly well. Roger Davidheiser outlasted Bill Roberts 7-5, 10-8, and John Healy battled with Howard Hicks to an 11-9, 6-4 decision, but Larry Brown handled his opponent quite readily in his 6-2, 7-5 win. The three losers for Caltech were Greg Evans, Peter Youtz, and Martin Frost.

The fate of the match rested on the doubles teams, the primary weakness of the Caltech squad. Youtz and Brown, both fine singles players, were beaten down by Cal Lutheran 10-8, 7-5. Likewise, Healy and Davidheiser, both singles winners, were down handily, 6-4, 6-0. Only persevering team of Frost and Evans scored for Caltech, and that score was a tie, 6-2, 3-6.



—photo by DeWitt

Lonnie Martin goes in for a layup.

More Wrestling

(Continued from page 9)

by the top contender for the NAIA District 3 heavyweight title. Hornbuckle, 112 lb. class, Crane, 137 lb. class, and Karspeck, 160 lb. class, were all pinned. Tech also forfeited two middleweight classes.

In exhibition matches in the 115 lb. class, Hornbuckle was downed in the two meets.

Ruggers Win

The Beavers rebounded from their poor game against UCR as they ended San Fernando Valley State (SFVS)'s five-game winning streak as they downed them 8-3.

During the first half, the teams played evenly for most of the time. However, SFVS was able to score on a try and take a 3-0 half-time lead.

During the first minutes of the second half, Caltech lost halfback McConnell for the season as he was injured. Caltech's play picked up and the Beavers were able to score three times. On some fine passing by the forwards, Jacob was able to score from ten yards out to tie the score 3-3. Hyland then made the conversion kick and the score stood at 5-3. McWilliams scored on another fine run to make it 8-3.

The defensive play was much better than that of the previous game. However, the forward line is still weak on defense as they were unable to get possession of the ball at critical times. Burton played an outstanding game at fullback.

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Wrestlers Downed

Caltech suffered its poorest wrestling week of the season as the Beavers were able to win only three matches in two meets. They were downed by Whittier 6-33, and by Cal Lutheran 3-33.

Due to the fact that Beagle, one of Tech's star wrestlers, was injured, Tech forfeited three weight classes to Whittier. Tech's victories came from Karspeck, wrestling in the 160 lb. class and from Devinney, who, weighing only 177 lbs., was able to down the number two heavy-weight in the conference.

Higgins, the Beavers' other top wrestler, was decided in the

130 lb. class, as he came into the match weak from having to lose weight. Hornbuckle, 123 lb. class, and Crane, 137 lb. class, both pinned. Briceno was decided in the 167 lb. class.

Tech was able to manage only one victory against a strong Cal Lutheran team. Captain Al Beagle, even though injured, put forth a strong effort and decided his man in the 177 lb. class.

Higgins, 130 lb. class and Briceno, 167 lb. class, were both decided in close matches. Devinney, wrestling in the heavy-weight division, was decided

(Continued on page 8)

Sports Events

Basketball: 8:20 p.m.
 Fri. 16 at Redlands
 Sat. 17 at Liife
 Wed. 21 at Whittier

Wrestling: 3:00 p.m.
 Fri. 16 - Sat. 17 Biola Tournament.

Rugby: 2:00 p.m.
 Sat. 17 UCLA here

Tennis:
 Thu. 15 at Loyola at 3:00 p.m.
 Sat. 17 at Occidental at 1:30 p.m.
 Tue. 20 UCR here at 3:00 p.m.
 Thu. 22 USC here at 3:00 p.m.

Swimming: 4:00 p.m.
 Fri. 16 San Fernando Valley State and Santa Monica City, here.
 Wed. 21 Chaffey JC at Cal State, Fullerton.

Track: 1:30 p.m.
 Sat. 17 Redlands here.

Aquamen Win 3 Meets; Set 2 New Records

Caltech's swimmers open the season with two new school records and three victories against two defeats. Gregg Wright and Henry DeWitt added the school records and the victories came over US San Diego, Cal Poly (Pomona), and Cal State L.A.

Wright's record came against USC where he dropped .5 seconds from his old record in the 200 back. DeWitt broke Wright's old 1000 free record by 20 seconds while winning against Cal Poly and Cal State in 11:40.0. In the meets Tech lost to PCC 65 to 48 and beat UC San Diego 75 to 38, in a double dual meet at PCC Friday. Sat. the team traveled to USC and, to no one's surprise, lost 85 to 28. Then Tuesday, the swimmers narrowly pulled out victories against Cal State L.A. 67 to 45, and Cal Poly (Pomona) 59 to 49.

At PCC, Tech's medley relay swam to an easy victory against

a weak San Diego team and a non-existent PCC team. Later DeWitt took second in the 200 in 1:54.1, and excellent time but not close to Trevor Charlton, a potential Olympian, who won in 1:48.3. Then Maartin Kalisvaart won the 50 free and Wright pulled a second in the 200 I.M. Kalisvaart then came back to gain second in the 100 free and Wright took second in the 200 back. DeWitt then won the 500 free. To end the meet the Free relay went down to defeat.

Against USC, the surprising thing is that Techers got any places better than third. But the meet started on good footing with Steve Johnson gaining second in the 1-meter diving. The expected Thirds started rolling in until DeWitt won the 50 free in 22.2, only .3 seconds off last year's best. He followed one victory up with another by winning the 100 free in 49.5 with Kalisvaart taking third with a personal best time of 53.3. In between, Johnson picked up another second in the 3-meter diving. Then Wright set his record stroking to victory in the 200 back in 2:10.0.

On Tuesday, Cal Poly and Cal State came to Caltech. The meet started on proper footing when the Medley Relay of Wright, Mabry Tyson, Bob Hall, and Kalisvaart swam to a victory in 4:04.0. DeWitt then set his 1000 free record while narrowly winning the event. Kalisvaart and Larry Watkins then took first and second in the 50 free, and Wright ran out of gas to lose his lead in the 200 I.M. and gain second followed by Tyson in third. After the diving DeWitt eased to a slow victory in the 100 free and then attempted to come back after Wright won the back stroke and gain his third victory of the meet in the 500 free, but fatigue won out and he placed third. Tyson then won the 200 breaststroke by a touch-out in an excellent 2:31.6 and the final relay lost to Cal Poly but beat Cal State to complete the meet.

As the swimming season in rest of the country nears the end of its swimming season, four weeks away, it is now definite that Caltech is sending four men back to the NAIA swimming nationals. Mabry Tyson, Gregg Wright, Henry DeWitt, and Maarten Kalisvaart are going to the meet in the form of a 400 Medley and 400 free relays with the men swimming other events that they qualify. In addition DeWitt is being sent to the NCAA college division nationals.

Predictions

by Dixon

Caltech is opposing strong Redlands this Saturday in the opening track meet of the season. Redlands, besides overall balance, has a champion hurdler and a 26-foot long jumper.

However, the coaches are optimistic about some of the trackmen. In the 220-yard and 440-yard dashes, Tarjan is expected to perform extremely well. In the two distance races, the mile and the two-mile, Meo and Tardiff are looking for victories.

Tech has three strong hurdlers in Schultz, Cummings and Gagliani. Schultz and Gagliani run the high hurdles and the 220-yard intermediate hurdles while Cummings runs the 440-yard hurdles.

In the field event, Caltech has an excellent shot putter and discus thrower in Levenson. Burton is expected to do well in the javelin.

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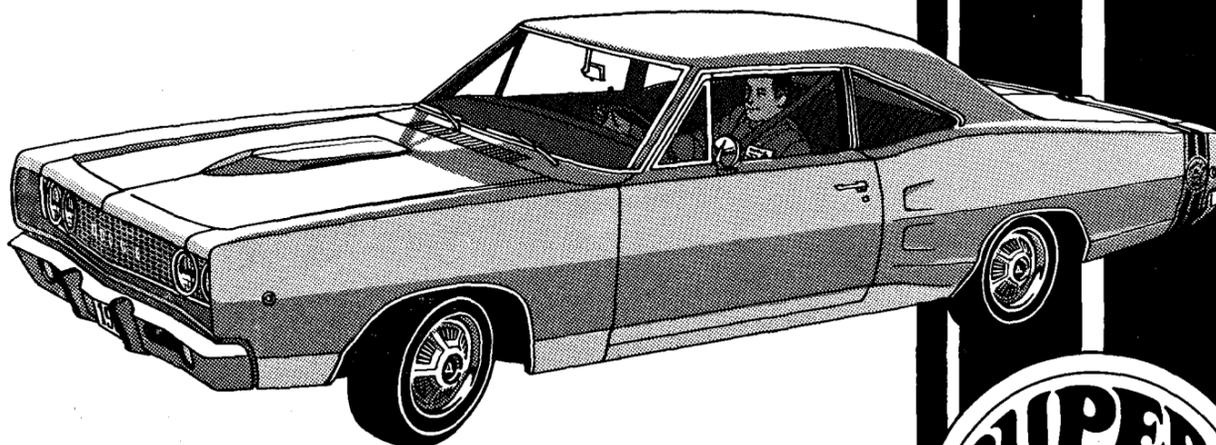
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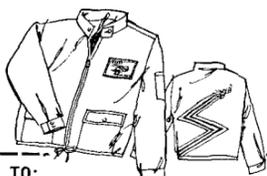
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- **SUSPENSION:** Heavy-duty springs and shocks, all four wheels. .94-inch dia. sway bar standard.
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- **ADDITIONAL OPTIONS:** High-performance axle package consisting of 3.55 axle ratio with Sure Grip. High-capacity radiator, 7-blade slip-drive fan with shroud.
- **INSTRUMENTATION AND APPOINTMENTS:** Padded Rallye-type dash standard, matte black, includes circular speedometer, oil and temperature gauges, electric clock. Matching tach optional. Matte black grille, power hood, Red Line wide-tread tires, seat belts, front shoulder belts, carpeting, foam seats, bumblebee striping and special ornamentation standard. Vinyl roof optional.



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Will You Contribute to a 'Store-Front Church'?

(Continued from page 1)

find the file containing them.

Store-front church

According to what Mr. Delianedis could remember, the church was what he referred to as a "store-front church." When asked exactly what he meant by this, Mr. Delianedis stated that this was terminology for a very small religious organization which, through the use of door-to-door solicitors, was able to obtain large amounts of funds. In this case, Mr. Delianedis said that the solicitors involved were children of the pastor. He then recommended that I contact the Pasadena City Police Department, as he was sure that they had a file on this organization.

Not surprisingly, my first attempt to get information from the Police Department was met with suspicion which increased greatly when I said I was from Caltech. Eventually, I was able to arrange an appointment with a Sergeant Frazier in the Detective Bureau from whom I could get the information.

In the meantime, I checked with both the California State Department of Highways and the Pasadena City Department of Engineering and Streets to learn whether the church located at 1032 North Fair Oaks Avenue had indeed been purchased to permit construction of a freeway. The answer from both sources was "No." That part of the solicitors' story at least was false. I also checked with the Los Angeles County Hall of Records and learned that the church had been duly chartered by the state of California as a non-profit corporation.

Police questioned

My interview with Sergeant Frazier of the Police Department was rewarding. He reported that the soliciting for the organization had been going on since June of 1965. Although the file contained nothing more recent than December of 1965, it revealed that the non-profit corporation was headed by Rev. Watkins as its director, with his wife as secretary, and a Mrs. Georgia Thompson as treasurer. As of that time, Rev. Watkins'

seven children — some of whom were foster children — were doing the soliciting. Also at that time, there were some 30 members in the congregation of the church, according to Rev. Watkins report to the Police Department.

The file also revealed that — even though it was not necessary for a religious organization — Rev. Watkins had requested a solicitation permit from the city of Pasadena. This permit was denied to him on the recommendation of the Police Department due to the use of juveniles as solicitors, and the fact that the Police Department felt that the organization was too much of a "closed" corporation, meaning an extremely small membership composed largely of one family. Sergeant Frazier also referred to the organization as a "store-front church."

Off-hand replies

I next phoned Rev. Watkins himself. He stated that the fund-raising drive was for the construction of a new church and Sunday school building, as the present one was in the path of an urban-renewal project. (A different story from that his solicitors gave.) When asked how long

the fund-raising drive had been going on, he said "about a year." (although police files revealed it had been going on nearly three years.) I then asked him if he could estimate how much money had been raised. He said he "couldn't recall off-hand." I then asked for even a very rough approximation, and again he could not remember. He did invite me to the church, however, to see the plans they had for a new building and to discuss the matter in greater detail. I have been unable to do this as yet.

On checking with the Pasadena Redevelopment Agency, I found that the property had indeed been appropriated for a redevelopment project. I further learned that the property was not owned by Rev. Watkins or the church, but that the church building and land were rented from a private owner in West Los Angeles.

Thus my investigation revealed that although St. Mary's Church of God in Christ is a duly authorized organization whose operation is certainly legal, it still is somewhat suspicious and its solicitors certainly do not reveal all the facts about it.

Muhammed squeaks

A similar charge can be leveled against another group of solicitors who have been coming on campus. They are well-dressed Negro men who are collecting funds for the construction of a Watts cultural study center. What they fail to mention is the fact that this center is a project of the Black Muslim organization.

I was a witness to this evasiveness last Sunday when I followed such a solicitor into the room of Bill Reining in Lloyd House. Steve Kraus was also present. Several times during the conversation he had with us, I inquired as to the sponsorship of the project. About the most concrete statement I ever got was that the program was being run as "a self-help project." He eventually offered to show me his permit to solicit, and it had on it the words "solicitor for Muhammed Speaks" (the Black Muslim newspaper), confirming that he indeed was a member of that organization. When asked why he didn't come right out and say that he was a member of the Muslim organization, he said that too many people had a mistaken idea about them. I

wonder if as many Teckers who did give to help the "cultural study center" project would have given if they were fully aware of the exact sponsorship of it.

In any event, regardless of the organization, solicitors from off-campus organizations are forbidden from soliciting on-campus by campus regulations, unless they have the permission of the Master of Student Houses. According to Dr. Robert Huttenback, said Master, no such permission has ever been issued to any organization, nor would he probably ever do so. Thus, any solicitors could be forcibly ejected from the campus by the campus police should they refuse to leave otherwise.

More Rhodes

(Continued from page 6)

could affect the Air Pollution problem and certainly our own problem through the ARP but only if we can overcome our self-doubts.

I have served ASCIT for two years as Activities Chairman and now President. I believe in this student body and in its potential. If elected, I will serve again.

Joe Rhodes

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Att.; Females

(Continued from page 7)

choose to come to Caltech anyway. If you answered all of the questions "no" (except for question number one), you either are at present prepared for Tech, or for Camarillo State Hospital for the Mentally Insane. The difference between the entrance requirements of the two institutions is negligible.

For females (Section II): If you answered any of the questions "yes," you undoubtedly should seriously consider Caltech as one of your possible choices of a college. You should immediately try to obtain more detailed information about the Institute. To do this, merely slip a piece of paper containing your name, age, address, telephone number, and — if possible — a photograph of yourself under the door of the Tech office in Winnett Student Center. Better yet, if you cannot wait obtain information, please feel welcome to stop by Room Number 7 in Ricketts House any time Saturday afternoon. I am confident that I or somebody else will be there to answer any inquiries you might have.

I hope that this has helped you in your thinking concerning Caltech, and I feel that at least I have shown what Teckers are really concerned with.