

"What about the elections today?"

Cooper

California Tech

Associated Students of the California Institute of Technology

"What elections?"

Rhodes

Volume LXIX

Pasadena California, Thursday, April 11, 1968

Number 23

Y's Invite Clicks; McCarthy Visits

by Tom Carroll

Senator and Presidential-hopeful Eugene J. McCarthy (D-Minn.) spoke briefly as a guest of the Caltech Y before an enthusiastic crowd Friday.

Arriving from Burbank Airport 20 minutes after his expected 10 a.m. appearance, McCarthy greeted a crowd of well over 2000 with a smile which was obviously wearied from tedious campaigning. His address centered around the Viet Nam War and civil rights. McCarthy spoke for about a half hour, and then answered questions until 11 a.m. before departing for his next appearance.

On the war

Opening on the topic of war, McCarthy claimed that in the past, "The people in this country were so dominated by precedents, their political party bosses, or the support of the Government policy in Viet Nam, that no one could expect — in particular, that I could not expect — to make any kind of reasonable show on the peace views." The crises from 1966 until today, he felt, convinced the people that the Viet Nam War has been morally wrong ever since the Geneva talks in the early 1950's. "The highest form of patriotism is to serve your country and to stand for it in the name of truth. This is our campaign." The statement drew loud applause.

The Wisconsin primary's most successful Democrat zeroed in on the report of the President's National Advisory Commission on Civil Disorder. Calling it "the most important political document of our time," McCarthy said that, "It says that the priority for America must be to deal (first) with . . . domestic problems, and it sets forth what we have to do." McCarthy only briefly mentioned the death of the Rev. Dr. Martin Luther King. The Senator had few complaints concerning the substance of the present civil rights program, but he felt that so much time was spent on the war effort that civil rights were forced to take second spot. Resolve, said the candidate, was the only thing missing.

Nearing the end of his speech, the Minnesotan asserted, "We must never allow an officer in government, or any agency or branch of the government, or any special institution, to develop the kind of power over which we say we can have no direct or significant control."

On the draft

Questioned about the draft, McCarthy flatly stated that he felt that more deferments should be granted for those who are opposed to the Viet Nam War on the basis of conscience. He also said he would have favored a lottery system at the inception of the draft. Another

questioner asked McCarthy if he advocated isolationism. McCarthy said that much to the contrary he favored an increase in foreign aid expenditures, but he warned that we have "militarized our foreign policy" in the past and this must be rectified. An increase of attention to Europe's affairs would be favorable.

The Tech questioned the Senator concerning his views on government support of scientific research. He felt that a reassessment was indeed necessary, since some grants had been made without regard to their benefit for the taxpayer. As long as the scientific community is willing to benefit the general public, McCarthy is willing to back it. Apparently he feels this is not the case, and that scientific research today does little in many instances for the public in general. Concerning the space project, he said, "I have some reservations about some of the projects in space," but "the general space effort . . . is desirable."



—photo by Staff

"The highest form of patriotism is to serve your country and to stand for it in the name of truth. This is our campaign."

Choice 68 Dispraises Apathetic Moderates

From Releases

One of the more amusing side effects, depending on your sense of humor, of Eugene McCarthy's impressive showing in the New Hampshire primary has been the rather adulatory reaction of the national press to the Senator's crops of energetic and intense "ballot children." Originally written off as somewhat pathetic idealists, McCarthy's student army earned their abundant laurels by helping engineer the first stunning upset of the 1968 presidential campaign. As a result, the well-scrubbed, respectable, and quietly effective "Student Volunteer" suddenly became the darling of the press.

"Youth Back in the Fold," gushed endless editorials, "Democratic Process Works! Nihilism of the New Left Refuted! Generation Gap Bridged!" As the New York Times stated eloquently what other papers expressed garishly, "Senator McCarthy has managed to persuade great numbers of concerned youth that it is possible to make effective protest against existing American policies and practices by traditional democratic means."

This endless journalistic game of lumping all students into one vast and grotesquely misleading generalization thus continues. The archetypal collegian, it now appears, is no longer the student leftist with his picket sign and smoldering draft card. The "average" college student right now, today, is the "concerned" college student — the student

whose faith in democracy is slowly but surely being reaffirmed through electoral triumph and lots of hard, determined work.

The idealistic gleam of such a student portrait will go far, no doubt, towards re-establishing middle class America's faith in its gold-plated youth. But McCarthy's "Student Volunteers," like the radical agitators, are but fringe elements of the college community and hardly representative of the American student body as a whole, whose reputation for indifference and apathy is not without substance.

Most students satisfied

As President Adran Doran of Morehouse State College in Kentucky stated, "These activists say that the rest of the students are apathetic and don't care. They're not. They're satisfied with the way things are. Why should they protest? There's nothing to protest about."

CHOICE 68, the National Collegiate Presidential Primary, is functioning with a somewhat more spirited preconception in mind — that, in fact, student moderates do care and do want their opinions registered in a responsible, effective manner.

The election itself will determine whether CHOICE 68's image of the "average" student is accurate. For in order to attain national visibility, CHOICE 68 must attract at least two million voters on April 24. Such a goal will be attained only if enough moderates choose to exert themselves to the minor

McCarthy Meets Press

by Roger Goodman

Before his speech at Caltech last Friday, Sen. Eugene J. McCarthy (D-Minn.) landed at the Hollywood - Burbank Airport, where he was greeted by an enthusiastic crowd and gave a press conference. The conference, in the Lockheed dining room, and the events of the rest of the day quickly taught this reporter that among the members of the press it is every man for himself.

McCarthy's plane was late, causing the shortening of the briefing. He entertained the following questions:

Q. In light of the tragic events of the past 24 hours — the death of Dr. Martin Luther King — will you now recommend that Congress proceed forthwith and immediately to take action to implement the recommendations made in the riot commission's report?

A. Well, I think we realize degree of casting their votes.

CHOICE 68 will fail if they do not. The liberal and conservative activists may hoard the headlines, but the long silent student moderates have the numbers — and it is only by the raw power of size that a skeptical public and an overly antagonistic Congress will pay attention to the reality of student power.

It's one thing, of course, to boycott an election through principle and it's quite another to miss one through ignorance or apathy. If the moderates do fail to participate, especially in this, the most challenging of election years, then they will indeed have earned the taunt of Henry IV, "Go hang yourself, brave Crillon; we fought at Arques and you were not there."

what has to be done. The question is one of getting the bills and programs ready. Many of the programs are ready, and the question is one of getting the personnel to carry them out and also the appropriations. I think that would clearly be in order. I've said this is what we ought to be doing even before what happened yesterday.

Q. Sen. McCarthy, what would you say to black power militants who are saying today that the murder of Dr. King proves that

(Continued on page 5)

Notices

FROSH CAMP COUNSELLORS

Any off-campus student interested in being a discussion group leader at freshman camp should sign up at Louise Hood's office in Winnett Center.

COFFEEHOUSE HOOTENANNIES

The Coffeehouse will continue its Friday night hootenannies this term. All campus singers and guitarists are invited to perform. Activities start about 10 p.m. The Coffeehouse is open every night from 9 p.m. to 2 a.m.

COFFEEHOUSE WAITERS

Those interested in becoming Coffeehouse waiters should contact Mike Felland in Blacker for an interview.

ADD DAY IS TOMORROW

Turn in pass-fail and add cards to the Registrar's Office.

FRESHMAN OPTION MEETING

Representatives from Applied Mechanics, Engineering Design, and Mechanical Engineering will hold a meeting on Monday, April 15th, at 4:00 p.m. in Room 206 Thomas. Purpose of the meeting is to describe work being done in these options and answer questions.

Mrs.

Huttenback Enters Motherhood

Last Saturday at White Memorial Hospital, an avian member of the family Ciconiidae descended upon the family Huttenback. Before it had moved on, the male Huttenback — otherwise known as Dr. Robert A. Huttenback, Master of Student Houses — was informed that he had been presented with a seven-pound, nine-ounce bundle of joy. With his mate in fine condition, the proud, first-time father Huttenback proclaimed the name of his daughter to be Madeleine.

Congratulations, Dr. and Mrs. Huttenback, from all of the members of the Tech staff.

Summer Work-Traineeship Open

Summer Traineeships are available for work this summer for the Environmental Health Engineering Ecology Program at Caltech's Kerckhoff Marine Lab in Coona Del Mar. Applications are available from Mrs. Marjorie Connelly in 107 Keck. The deadline is April 15, and awards will be announced May 1.

Only registered Caltech students (including senior graduating in June) are eligible for ten-week traineeships, which will provide from \$280 to \$360 a month, depending on college background. Students may eat and sleep at the Marine Lab but must supply their own food.

Part of the time will be spent in the field and lab operations of the Kelp Habitat Improvement Project; and the remainder in learning about oceanography, underwater technology, environmental science, and other related topics. From two to five days a week will be spent at sea, with nightly returns to the Lab.

Editorial

IHC vs. Students' Rights

The IHC has once again shown itself to be arbitrary to the point of incompetence with the recent decision on family-style lunches. Since most of the student body is probably not aware that a decision has been made, the **Tech** would like to report that the IHC voted 4-1-2 to reinstate family style lunches. We feel that the student body should also know that three of the four presidents in favor did **not** hold votes within their own Houses to determine whether or not their house members actually wanted such lunches. Apparently Page, Fleming, and Ricketts members were polled by the 'Random' Sampling method of asking one's friends if they wanted family style, while ignoring the rest of the house. In some houses, the opinion has been expressed that underclassmen are not qualified to make the decision because of their lack of experience. One cannot help but wonder what form of madness could cause the Houses to elect such clearly inexperienced people as freshmen to House offices and yet fail to give these students the right to determine how they will have to eat. Or maybe the presidents simply decided that no one except themselves had the intelligence to make a decision on such a complex problem.

Only three houses made any attempt to hold a vote on the lunch question. Dabney House opposed the family style on the basis of a rough hand count. Blacker House, which abstained, and Ruddock, which was in favor, both held votes to determine their positions. We commend Blacker and Ruddock for their actions, but we hold little more than contempt for the three Houses which supported the proposal without determining the position of all their members.

In order to correct this reprehensible situation, the **Tech** very strongly recommends that the IHC reconsider the question of family-style meals, and that this be done after each House has held a vote to determine their position on this question. A hand count at dinner would be a satisfactory way to accomplish this, the results being tallied at the next IHC meeting. We expect the presidents to act on the basis of their Houses' decisions, and not on their personal opinions! Remember, it is **your** rights at stake — the presidents have nothing to lose except their auto-cracy.

—Alan Stein
Jim Cooper
Dave Lewin

BOD Fails Duty

Dear student body members:

Last Monday evening members of the **Tech** staff usurped some minutes of your dinner-announcement time explaining why we felt you should vote "Yes" on an upcoming referendum election concerning the amount of advertising commission paid by the **Tech**. We told you that the election would be held the next day. The election date was not set by us, but by the Board of Directors of ASCIT.

We hope that you did not search too long for the ballot boxes last Tuesday, however. Whereas the IHC at least held an election of sorts on the issue mentioned in the preceding editorial, members of the BOD evidently did not deem a referendum to change the ASCIT By-laws important enough to waste their valuable time on preparing ballots or making the other necessary arrangements for the scheduled election.

The day after the decision to hold an election was made, Joseph Feng, ASCIT Treasurer, had informed Rich Franz, Election Committee Chairman, of the fact. Franz told Feng that he wouldn't be able to run an election at that time. Then, at last Sunday's meeting of the BOD, the motion that "the president would work out the operational details of this week's election with the election chairman" was passed. The president to do this was — of course — Joe Rhodes, ASCIT President. The matter was dropped at this point.

Indeed, the matter was dropped by everybody. Members of the BOD went on their merry way, confident that the matter had been settled. Feng went on his merry way confident that the matter would be settled by Rhodes. Franz went on his merry way confident that his duties as the duly appointed Election Committee Chairman had been carried out. And Rhodes went on his merry way confident of something or other. There was no election last Tuesday. This matter cannot be lightly dismissed.

If BOD-appointed chairmen and members of the BOD itself cannot find the time to carry out their duties to the student body which they swore they would "faithfully discharge;" or if they "forget" their obligations due to the pressure of involvement in other activities, then perhaps the oft-quoted opinion, "ASCIT is a farce," is not so farcical after all.

—Jim Cooper, Dave Lewin, Alan Stein

Letters

Prestwich Denies Lewin's Divinity

To the Editor:

Gee, it sure must be neat to discover what one really is and to be superior to everyone else like Mr. Lewin is. It certainly relieves my decibel-ridden soul to know that we have such an articulate psychologist in our very midst. And I'm sure pleased beyond words that our saviour has condescended to inform us so humbly of our plight as cultural bacteria.

Might I suggest that in the future Mr. Lewin should spend more time in his "sylvan glades" learning about himself and less time telling us about ourselves. We really don't give a rusty one for his value judgments on us or our music. We've all got our own Messiahs, and we sure as hell don't need him to give us the word.

Glenn Prestwich '70

FOR SALE

National NC-190 Receiver
Double Conversion
550 KC to 30 MC
\$240 originally, 3 years old—\$150
Jim Cook - 56 Fleming - 449-8283

Towering Eyeful

by Jim Cooper

The lights begin to dim, and you settle back in your seat eager to begin seeing the wonders of the year 2001 as envisioned by Stanley Kubrick and Arthur C. Clarke in the Cinerama film, **2001: A Space Odyssey**. Suddenly the words "The Dawn of Man" appear on the screen and you find yourself observing a band of pro-humanoid apes grazing with a herd of tapirs (tapirs???) on a rocky, sagebrush-covered desert. "What the hell is going on here?" you ask yourself. By the time the three-hour film is over, you have concluded that your first reaction to the film was the correct one. Indeed, the fact that the film forces you to ask this question marks it as an excellent one.

The film itself was divided into four loosely-knit sequences. The link between sequences was a large, featureless, black, rectangular slab of undefined composition. The entire mystery surrounding the film derives from the presence of these slabs.

In the first sequence we follow the daily activities of a band of apes. The apes awaken one morning to discover that one of these large slabs has mysteriously appeared in their midst. Then, one of the apes discovers the use of a bone as a club, and mankind — supposedly — begins its upward journey. The implication is that somehow the slab had something to do with this.

The second sequence is devoted to a scrupulous examination of an everyday flight to the moon via Pan Am in the year 1999. With no dialogue except during a brief interlude on a space station, the strict attention to scientific and technical detail, the remarkable simulation of zero-gravity conditions, and the **Blue Danube Waltz** providing beautifully contrasting background music, this sequence will undoubtedly blow the mind of any science-fiction fan, as well as the minds of the great number of people in existence who think



by Boule

The Pasadena Ice House this week presents a varied, unusual, and extremely good show. It opens with Jean Durand, a very versatile singer from Haiti. He does calypso and French tunes mostly, and spices up the act with an original and entertaining humor.

For those of you who enjoy good classical guitar, The New South American Sound is a group worth hearing. Lenin Castro and Gustavo Gabela present an interesting selection of music all in classical or flamenco styles. If you don't usually listen to this type of music it can still be appreciated as good music and worthwhile listening.

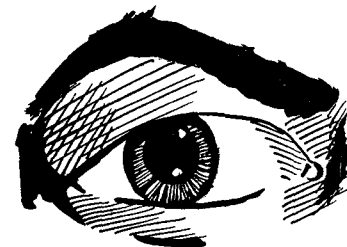
Closing the show is Hamilton Camp, and his back-up band, which he calls the Dream Brothers. Although they do nothing deserving of notice on their instruments, Camp does sing well and is definitely worth listening to. Unfortunately the price is \$2.25 a head on weekends (Camp is a big star, having a record on the hit Charts).

by J. Weber

Perhaps the Ice House should employ a full-time talent scout, for the stars of this month's schedule are such fading artists as the Standels, Ian Whitcomb, and Tim Morgon who, like Richard Nixon, keeps on trying and may make it someday. The Nitty Gritty Dirt Band, also battling a no-hit slump, may pull out of it, possibly falling heir to the fruits of the Bonnie and Clyde craze.

At their recent Glendale Ice House appearance, the Dirt Band again demonstrated why they are such an underground favorite. They have the elusive quality called audience appeal. More specifically, the sextet has a good, tight act, in which they deftly relate current events and fads to their own favorite era, the 1920's (Jeff Hanna insists that he plays Jimi Hendrix-style washboard — "Foxy Washboard!"). Their music, born of grassroots and good-time jug improvisation, builds into the more stylized arrangements of their single releases, "Buy For Me the Rain" and their new single, "These Days". Throughout the show, the group keeps up a constant patter, and calls items of special interest, such as the fact that in 1928 marijuana was legal and alcohol was not, to the attention of the audience. And they cheerfully acknowledged the demands for an encore with a single word: "Suckers!"

The accompanying act, going under the pretentious title of "Fantasy World Orchestra," turned in a first act performance that was amazingly bad, even for a new group. They recovered their cool for the second act, however, and did a series of blues-rock numbers which climaxed in an exciting, powerful medley of songs ranging from "Paint It Black" to "3 Blind Mice" (really!). If they can tighten their overall performance, the group has a lot of potential.



they have seen everything. When we get to the moon, we find that a large, featureless, rectangular slab has been discovered there.

The third sequence takes place in the year 2001 and contains virtually the only real quantity of dialogue in the entire picture. The sequence in itself deals with the more-or-less commonplace science-fiction plot of man versus machine. The machine is IBM's newest model, a HAL 9000 computer: a computer possessing a non-mechanical sounding voice, visual and auditory input channels, and capable of abstract thought. The men are Astronauts Poole (Gary Lockwood) and Bowman (Keir Dullea). Their mission is exploration of the planet Jupiter. At the end of this sequence we learn that the expedition's goal was determined by the fact that the slab on the moon had beamed a high-powered radio signal toward the planet Jupiter.

This sequence, although reasonably good, falls below the quality of the other three. It was definitely too long and could be improved considerably by moderate use of a pair of scissors. For example, there is a rather long episode which follows Astronaut Bowman's every move as he replaces a component on the exterior of the ship. During this entire time, the only sound is that of Astronaut Bowman breathing. Although the special effects were again excellent, it still got to be
(Continued on page 3)

STUDENTS,
if you need
HELP
in fulfilling
your language
requirement-
inquire about
tutoring
services at
BERLITZ,
THE LANGUAGE CENTER
170 South Lake Ave.
Pasadena
SY 5-5888

Dame Edith Evans in
THE WHISPERERS
and Yves Montand in
LIVE FOR LIFE

STUDENT
RATES

ESQUIRE THEATER
2670 E. Colorado
SY 3-6149 — MU 4-1774

WANTED

Free-lance translators in all languages. Scientists only considered. Excellent pay. Send resume to SCI-TRAN, Suite 120, El Paseo, Santa Barbara, Calif.

PAT'S LIQUORS AND DELICATESSEN

1072 E. Colorado SY 6-6761
Open to midnight daily,
1 a.m. Fri. & Sat.
Keg Beer Party Supplies

Into the Incinerator

"I Present the Honourable..."

by Jim Cooper

Frosh Edward B. Barrelmaker of the Mythological Institute of Theocracy peered intently at the television screen. One item of the news particularly interested him. The item was coverage of the visit of a presidential candidate to the Pottown campus of the Mythological State University.

"I believe in truth, justice, and the American way," said the voice, interrupted by wild applause. "I believe in peace and freedom for all people." — applause — "I believe in ending crime, poverty, and disease." — applause — "I will try to accomplish these things if I am elected." — thunderous ovation.

Barrelmaker blinked. "Those sounded like some really great proposals," he thought. "I'll have to listen to him tomorrow."

* * *

Barrelmaker wedged himself comfortably in a corner and gazed around him. "What a fine crowd," he thought. "Why, even if you took away all the photographers, reporters, F.B.I. agents, and ardent campaigners for the man, there still would be some people interested in seeing him solely to hear what he has to say on the issues."

A man stepped up to the

podium. "It is my great privilege to support this man." — applause — "As an actor I should know a good candidate when I see one." — applause, some scattered laughter. Barrelmaker could not see why some people would laugh at such a simple statement of fact as that.

"It is now my great privilege to introduce the Honourable Hubald McNixedy." — wild applause.

"I believe in truth, justice, and the American way," said the Honourable Hubald McNixedy. "I believe in peace and freedom for all people" — applause — "I believe in ending crime, poverty, and disease." — applause — "I will try to accomplish these things if I am elected." — thunderous ovation. End of speech.

During the five-minute question and answer period, the candidate went on to explain how he was for eventual peace in Vietnam, against the obsolete parts of the draft system; and he even went so far as to say he was against violence in the cities and against secrecy in public matters.

Barrelmaker watched the crowd converge on the candidate afterward. He noted several contented-looking upper classmen emerging from the throng. Barrelmaker yelled to one of them. "What did you think of the speech?"

"It was great. I managed to get several groovy phone numbers," said one of them.

"Yeah," said another, "who listened to the speech?"

Barrelmaker was not at all sure what could be "groovy" about a phone number; or how an intelligent Theocer could allow himself to be distracted from the words of the man who could be the next President.

Suddenly, a usually sedate upperclassman ran from the crowd and collapsed not far away in a paroxysm of happiness and excitement. "I touched him! I actually touched him!"

Barrelmaker went to his side. "Are you all right?"

"Of course I am, stupid frosh. I'm just a little excited at meeting the greatest man in the world."

"Why do you think so?"

"Didn't you hear him, dumb frosh? He's just what this country needs. Look at those great proposals he made."

"What proposals?" he asked.

The upperclassman stared at him, dumbstruck. "You mean you didn't hear him say how he proposed the elimination of war, poverty, and other nasty things?"

"Well, I heard him say that. But I didn't hear him say now."

The upperclassman looked relieved. "Of course not. No candidate gives the details of how he's going to accomplish his proposals. There just isn't time. Anyway, plans proposed now may have to be changed by the time he could enact them. You wouldn't want to give him all that extra work, would you?"

"No. But aren't most candidates for the same things? How can you tell which to support?"

"That's easy. You support the candidate who says them the best way. The candidate who wins will be one who sounds and looks the best to the most people."

"So that's why!"

"Why what?"

"Why actors are so capable politically. They've had so much experience at that kind of thing."

"Yeah. But still, there's one other reason why it's not really necessary for any candidate to present his specific proposals."

"What's that?"

"Because we'll be able to learn all the details after the guy is elected."

"I guess you're right," sighed Barrelmaker.

Towering Eyeful Keeps Towering

(Continued from page 2)

a little too much to endure.

The fourth sequence is entirely without dialogue. I will not lessen the impact this fourth sequence imparts to any would-be movie-goers by attempting to describe it. Just take it for granted that a black slab is involved in a mysterious and almost mystic way.

Each of the sequences are films in themselves. The first would be an outstanding visual essay on the birth of man. The second is the type of realistic science-fiction "documentary" which s.f. fans have been crying for constantly; and which even the George Pal productions of *Destination: Moon* or his H. G. Wells' movies can not remotely approach in excellence. The third, while not quite as excellent, still will be appreciated. It is the fourth, however, which will long remain in your mind, and which will bring the black slabs to the fore.

What are they? Who or what made them? And what do they do? I would urge anyone who believes he can think, to see *2001: A Space Odyssey* and decide for himself. The questions are something which will cause one to mentally squirm for long hours after the lights have come back on. And in the end, one may be left with only a vague uneasiness, and the question, "What the hell...?"

NOTICE

Anyone desiring a missing trophy please pick it up from Room 10, Dabney

Coffeehouse Comes Alive; Hootenannies to Happen

by St. Nick

Is the Coffeehouse coming to life? Events last weekend seem to indicate that it is. On Friday, a hootenanny was held; one in which the audience was asked to sing instead of just listen. The music wasn't just provided by a group of singing waiters, either. The Coffeehouse provided room and microphones, and individual students did the rest. Some people brought guitars and other instruments; others just their voices; but all were there for fun.

There was Bob Flake, a freshman in Blacker House. His talents include not only playing the guitar and singing, but also song-writing. He played and sang several numbers, including his own "Bethlehem Night." Alas, you must hear his songs for yourself, for I could never do them justice by excerpts or explanations.

James DePauw, a freshman in Dabney, was there. This is the same singer that did "Universal Soldier" at the McCarthy speech, but this time he was relaxed and in his element. Although he denied any credit for a song that he and Bob Flake wrote, James was later convinced to play one of his own creations, and it was a masterpiece. His soft voice and impeccable guitar work made a tremendous combination as he did songs from "Old Dan Tucker" to "Norwegian Wood" and "Michelle." His skill on the guitar even enabled him to play background music for an Indian vocal normally backed by sitars and the like, sung by a grad student from India.

One also heard from Jeff Larson, a junior in Page. Although a cold impaired his singing voice, his guitar work easily made up for it. He teamed up with the other guitarists for duets, one of

the best being "John Riley," a song done by the Byrds.

Jeff Moller, a junior in Blacker, played banjo, autoharp, and kazoo (no more than two at a time) in numbers ranging from Dylan to humorous folk songs. His unusual style and skill captivated all who were there, and his singing voice was certainly no worse than Dylan's.

Jim Leininger, a junior in Blacker, provided laughter. His medley of humorous songs was well liked, and in the case of "AM 95" the audience joined in heartily.

Last but not least, there was Jim Downward, a grad student. Although he did but a few songs this time, they were all very good. His guitar work and singing were among the best, in the opinion of this observer.

Although other hootenannies have been held at the coffeehouse, this was probably one of the best, due to the variety of music. If the hootenannies continue to be as good as this one, Teckers will be missing something if they don't attend.

The light show was done by the Coffeehouse staff itself, and is almost impossible to describe. The only way that the lights and sounds could have been more mind-blowing is if they had added LSD to the pastrami sandwiches. If this light show becomes a regular Saturday event, a whole lot of Teckers will be running around Sundays with boggled minds. The only problem that I noticed was that the seating capacity of the light show was limited, but the show itself was fantastic.

Remember, hootenanny on Fridays from 10 p.m. until closing, and light shows are on Saturday nights. Go to one or the other for a real change of pace after long hours of snaking.

Cacaphony Invades Winnett

Those strange sounds issuing from Winnett Student Center on Sunday afternoons are not anything for the Anti-vivisectionist League to become alarmed about. On the contrary, league members should be relieved that instead of practicing scientific experimentation, Teckers are pursuing a cultural endeavor. The aforementioned sounds are in reality being produced by a rehearsal of the orchestra for ASCIT's upcoming musical production, *The Castle*.

Under the baton of Jim Downum, varying numbers of the approximately 20-member, coed orchestra show up Sunday afternoons to practice their collective role in the musical. Although they are certainly not a professional group, conductor Downum reports that enthusiasm is very high, and that the musicians in it are all of very good quality.

A Tech review of last year's ASCIT musical, *A Game of Chance Played in the Rain*, pointed out that perhaps the

worst part of the entire show was the fact that the music "was not performed uniformly well." When Downum was asked to comment as to whether such an occurrence could happen again, he pointed out that last year the musicians had rehearsed only three or four times, whereas this year they have already rehearsed many times as much, and the performance is still over a month away. Also, the fact that the music is completed means that copies have been made to enable orchestra members to practice at times other than rehearsals — an advantage which last year's orchestra did not have.

Thus, regardless of how it sounds, members of the Anti-vivisection League have no basis for complaint. We just hope no one from the Music Lovers' Society of America is around — at least for the next few weeks. By then, hopefully, the group will be as competent collectively as its members are individually.

YOUR CO-PILOT FOR LIFE!



This chronograph with stainless steel waterproof case has been especially designed for pilots. It is shock resistant and antimagnetic.

The central chronographic hand, which indicates seconds and 1/5th of second, is connected with two recorders: a minute recorder, up to 15 minutes (at the 3 o'clock position) and an hour recorder, up to 12 hours (at the 6 o'clock position).

The turning bezel with its 12 divisions indicates the time simultaneously in two or more time zones as well as making it possible to fix a time to remember (departure or arrival time).

This chronograph is all right for "Yachting"

For my information, please send me, free:

- the catalogue of new Breitling models
- the address of Breitling dealers nearest me.

Name _____
Address _____
City _____ Zip _____
State _____

2/67

BREITLING

Breitling-Wakmann
15 West 47th street, New York 36 N.Y.

California Tech

Published weekly during the school year except during holidays and exams by the Associated Students of the California Institute of Technology. The opinions contained herein are solely those of the newspaper staff.

Editors: Jim Cooper, Dave Lewin, Alan Stein, Editors-in-Chief; Mike Meo, Les Fishbone, Associates; Dave Dixon, Sports; Nancy Grana, Helene Silverblatt, Con. E. Staisey, Brandt Starr, Co-editors.

Staff: Roger Goodman, Henry DeWitt, Tom Carlson, Mike Farber, Eric Schiff, Tom Carroll, Cameron Schlehuber, Charles Creasy, Steven Johnson, Joanie Weber, Bob Enenstein.

Photographer: Stephen Dashiell

Business: Jeff Hecht, Manager; John Walters, Circulation Manager; and Bob Abarbanel.

California Tech, Publication Offices: 1201 E. California Blvd., Pasadena, California, 91109. Second-class postage paid at Pasadena, California. Represented nationally by National Educational Advertising Services, Inc. Subscriptions: \$1.50 per term, \$4.00 per year. Life subscription: \$100.00. Printed by Bickley Printing Co., 25 South Fair Oaks Ave., Pasadena, Calif. Volume LXIX, Number 23, Thursday, April 11, 1968.



Announce your noncandidacy for President over a pizza at **ROMA GARDENS — 1120 E. Green**

Specialize in Italian Food — Beer and Imported Wines
Spaghetti Special Tuesday — \$1.00

For Quick Service Call SY 2-9748
Open Daily 5-12 p.m.; Fri. & Sat. 5 p.m.-2 a.m.; Sun. 5-9 p.m.

Two Locations



FOLK MUSIC and COMEDY
Twice the Music
Double the Fun

at the ICE HOUSE (\$)

GLENDALE
234 S. Brand
Reservations Phone
245-5043

Thru April 14:
THE STANDELLS
THE ORIGINAL CAST

Coming April 16:
TIM MORGON
MARY MCCASLIN

PASADENA
24 N. Mentor
Reservations Phone
MU 1-9942

Thru April 14:
HAMILTON CAMP
THE NEW SOUTH
AMERICAN SOUND
JEAN DURAND

Coming April 16:
IAN WHITCOMB
THE NEW SOUTH
AMERICAN SOUND
JEAN DURAND

CHM Downs Harriers

The Beaver track team was nosed out by Claremont Harvey-Mudd, 78-67. The meet's outcome was not decided until the next to the last race.

The Caltech sprinters were the team's strong point, as they swept both relays and the 440. Tarjan was the outstanding runner as he won the 220 and 440 with times of 22.6 and 50.4 respectively. He was also on the two relay teams. The 440 relay team was also made up of But-

terworth, Andrew and Stanley and they won with a time of 43.7. The mile relay, with Tarjan, was composed of Antaki, Andrew, and Stanley, and had a time of 3:34.2. In the 440, Stanley was second and Andrew was third.

In the other sprints, Butterworth was second while Schultz was third in the 100. Butterworth was also third in the 220

The Tech weight team was also strong taking every place ex-

cept first in the shot put and discus and third in the javelin. Welshans of CHM took both the shot and discus. Second in the shotput was taken by Levinson, while third went to Ruth. McDonald was second in the discus while Levinson was third. Petrie won the javelin with a toss of 176'3" and Burton was a close second.

Tech's distance runners gave up first in the mile and two mile to Coleman of CHM. In the mile, Mason was second and Graham was third. The order was reversed for the two mile. Graham took second in the 880.

The Beaver hurdlers could manage no better than second. Schultz gained second in the 120 yd. high hurdles on a judge's decision. Gagliani was second in the 440 yd. intermediate hurdles and Cummings was third.

The Tech jumpers could only muster a second and third. Tyler was second in the pole vault and Fox was third in the long jump. CHM swept the high jump and the triple jump.

Oxy Nets Netters

The fate of the Caltech tennis team seems to be a frustrating one; always coming close to, but never achieving victory. Saturday's loss to Occidental was certainly not as overwhelming as the 8-1 score indicated.

The individual match scores tell a more accurate story. First Pete Youtz was edged out 6-4, 6-4 in a well-fought battle in first singles. Roger Davidheiser showed resistance in his 6-3, 6-2 loss. Guy Duesdieker seemed to have his match sewed up when he won the first set, but lost the final two to go down 4-6, 6-3, 6-4. In the fourth position, Greg Evans was unable to match his last week's performance and dropped his contest 6-1, 7-5. Martin Frost played well in spurts, but couldn't last the distance in his 6-2, 1-6, 6-4 marathon. Glenn Prestwich, brought up from the junior varsity, left the courts after a sad 6-3, 6-1 drubbing.

Coach Lamb's unexpected shifting of the doubles teams brought the one single victory to Caltech. Although Youtz and Evans' steady playing could not overcome the Occidental first team, the newly-formed team of

Duesdieker and Davidheiser, which even sounds good, trounced their Oxy opponents 6-3, 6-2. Frost and Prestwich finished second in their 6-4, 6-3 contest.

Meanwhile, at Occidental, the junior varsity came up with three victories, thanks to the efforts of frosh Don Smith and Jan Garmany, and to the combined efforts of the doubles team of Mike Sperry and Pete Zassanhaus.

Stanley Wins NCAA Grant

Caltech has gained another NCAA postgraduate scholarship. Jim Stanley, for his fine academic and athletic ability, has received one of these scholarships.

Jim was one of five seniors from the College Division. Ten other seniors also received these scholarships. The winners must have a GPA over 3.0 and must have performed with distinction on the hard court. He must also be judged as being capable of doing postgraduate work by his major professor and be planning to enter graduate school as soon as possible.

Jim, who comes from Pasadena, easily qualified academically with a 3.5 in physics. He was a three-year starter and had a career high of 33 points from his guard position. He was also cited for his exceptional quickness and his fine defensive play.

Jim is also a two-year track letterman and is co-captain of the track team. He also possesses the school record in the 220 yd. dash. Jim served Fleming House as their athletic manager to add to his duties. Through his athletic ability he has brought honor to Caltech.

Eneinstein Eyes Sports

by Bob Eneinstein

Question — when does social consciousness mix with good business? Answer — when Martin L. King dies. Don't you wonder if Walter O'Malley and Jack Kent Cooke took into consideration the fact that crowds might have been decreased at local sports events if they were held last weekend? While I'm on the subject, attendance at Interhouse contests seems to have decreased. What ever happened to ye ol' Caltech sports fan?

Aside from San Francisco's defeat of St. Louis, the NBA playoffs appears to be running true to form. Look for Los Angeles and Philadelphia to reach the finals, and play a whale of a series. In the NHL, the top two teams in each division appear to be on their way to the semifinals. Montreal should be the eventual winner. Along the line of predictions, the Los Angeles Times concurred with my predicted order of finish in the National League. Well, at least someone will be shot down with me. Now here is my fearless, highly researched, guaranteed guess as to the outcome of the American League race.

Fighting it out for last place will be the Oakland Athletics and the Washington Senators. Due to a strong pre-season showing by Washington, I'll have to give the nod to Charlie Finley's Fearless Fumblers. Not too much above them will be the once powerful Yankees. The New York talent should be starting

to develop. If it doesn't they might beat Oakland to the bottom. Cleveland will finish seventh only because there are three worse teams in the American League. The Indians have a large collection of promising players who never have amounted to much. Sixth place will be occupied by the Boston Red Sox. They looked so bad this spring, they may end up being baseball's first team to go from ninth to first to ninth. With Tony C. gone and Jim Lonborg half gone, a first division finish is very unlikely.

Now for the difficult job, picking the first division. The odds-makers have Detroit at 5-2, Minnesota at 3-1, Baltimore at 7-2, Chicago at 4-1, and California at 8-1. Chicago has great pitching and no hitting (unless Tommy Davis returns to his 1963 form), while Baltimore has the Robinsons at the plate, but weaknesses on the mound. Since the name of the game is pitching, Chicago will finish fourth, and

the Orioles fifth. Both Minnesota and California have good solid teams with plenty of question marks. Such as, will either pitching staff perform up to their capabilities? How great are Tony Oliva and Rick Reichart? Can the Angels find a good hitting catcher or third baseman? Can the Twins replace Versailles? On the strength of having Bill Rigney, the league's best manager, I'll pick the Angels for second, and the Twins for third. That leaves the "always the bride's maid never the bride" Detroit Tigers. It looks like this will finally be the year for Kaline, Frechan, Wilson, and Co. Detroit has a well balanced attack with fine pitching and good enough defense to win their first pennant since 1945. Being a complete killjoy, I will ruin what suspense is left by informing you that the World Series will end on October 7 in Detroit when the St. Louis Cardinals win their fourth game of a five game series.

TECH Sports

Ducks Swamp Pomona and Set New Record

Caltech's swimmers continued their mastery of the opposition by easily defeating Pomona 65 to 43 to win their first league meet and improve the season record to 9 and 4. The biggest surprise of the day was Arnold Richards' double victory in diving; winning both the one and three meter diving events. In other events, Henry DeWitt continued his mastery in the 50 and 100 freestyle with times of 22.0 and 49.0, both Pomona pool records. Maarten Kalisvaart won the 200 free in 2:00.3, his best time so far. Gregg Wright eased to victory in the 200 back and Tom Davis sprinted

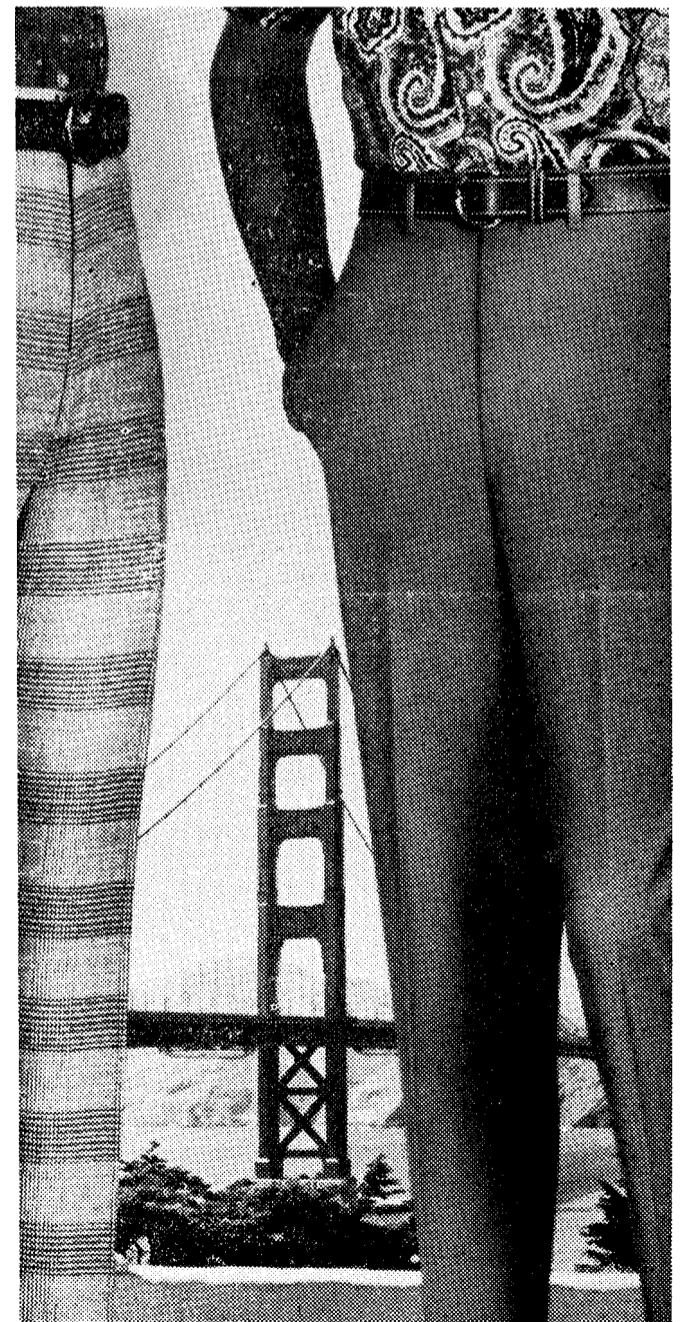
the last lap to narrowly win the 500 free.

Mike Stefanko pulled his first victory of the season by coming on strong in the last 50 yards to win by nearly 3 seconds. With the meet safely in hand, the team of Kalisvaart, Mabry Tyson, Wright, and DeWitt passed up the 400 free relay in order to try for the school record in the 800 free relay. DeWitt anchored the relay with a leg of 1:54.1 to bring down the record by more than 20 seconds. to 7:58.2.

Friday brings the prospects of another close meet against UC Riverside here at 4:00 P.M.

In the soaring San Francisco spirit— Cambridge Classics with Fortrel®

Rich, vibrant colors and patterns in a wide range bring traditional classic Ivy styling *alive*. Half Fortrel® half cotton provides the perfect blend of shape-holding polyester and natural fiber. Never need pressing. \$12 and under. At your favorite store, or write us for the store nearest you: Box 2468, South San Francisco, California 94080.



cambridge classics

CACTUS® CASUALS

KORATRON

DOUG WESTON'S APRIL 16-28
Croubadour
 Comedian
RICHARD PRYOR
 plus the songs of
SYLVIA MORA
 CR. 6-6168
 9081 Santa Monica Blvd.
 at Dohony
 NOW SERVING COCKTAILS

Beavers Strike Out Cal Baptist, 24-7

Caltech's varsity baseball team won its third game of the 1968 season last Thursday as they trounced Cal Baptist 24-7 at Caltech's diamond. The Beavers collected twenty-one hits and committed two errors. Al Beagle and Bob Firestone led the Tech attack with four hits and three hits, respectively. Jay Chapyak

The Beavers took an early 4-0 lead, but a few innings later it was 11-7. Chapyak then yielded to relievers Les Fettig and Craig Helberg, who kept Cal Baptist in check for the rest of the game.

The 21-hit assault was the biggest Beaver barrage of this season and one of their biggest ever.

But the Beavers found themselves on the other side of the battering ram the following Saturday when they journeyed to Claremont-Harvey Mudd and dropped a conference doubleheader to the Stags 20-0, 5-1. In contrast to their tremendous hitting assault in Thursday's game, the Beavers could manage but nine safeties in two games.

In the seven-inning first game, Fettig was the starting and losing pitcher. The Stags' first eight tallies were unearned runs. In the fourth inning, however, they really started bombing Fettig, and Helberg was brought in in relief. He pitched the remainder of the fourth, but Fettig went

back to the mound the following inning. The Stags continued their hitting spree, while CHM pitching held the Beavers to only three singles. Final score: 20-0.

John Frazzini started the second game for the Beavers. In the first few innings, John looked as though he might shut the Stags out, but the opposing pitcher was just as effective and CIT got no runs. Then in the fourth, the Stags got to Fraz for two runs which turned out to be all they needed. CHM's other three runs were unearned, and Tech added a run in the top of the ninth for a final score of 5-1.

The Beavers' record is now 3-10-1.

More McCarthy

(Continued from page 1)
non-violence doesn't work?

A. Well, none of them have talked to me. I'd rather talk to them directly. I don't know that I'd want to make that kind of generalization from what happened yesterday.

Q. Senator, would you simply give us your reaction to the murder of Dr. King?

A. Well, I think that my reaction is the same as, I would say 99.99 percent of all Americans. We regret it very much and grieve over it and are distressed by it but hope that some good may come of it.

Q. Senator, what effect do you think the assassination of Dr.

King will have on the civil rights movement in the United States?

A. I don't know; that's so speculative. I would think it would certainly help to move the program along, if you get a response to a martyr to the cause. Generally, in this country there is a constructive response to that. I hope that would come.

Q. Do you feel there could be any conspiracy, as in the Kennedy assassination?

A. I don't know if there's a conspiracy or not.

Q. Senator, do you believe that the death of Dr. Martin Luther King will in any way change the focus of the presidential campaign?

A. Well, I don't know; I don't think so, excepting it may put greater emphasis on the things the president's civil rights commission said are necessary. I've been emphasizing those things in any case. It comes at the same time that the peace movement in Vietnam would tend to de-emphasize that, so that the combination, I think, will result in a greater emphasis on domestic problems.

In the answer to the next question, the candidate may have made a Freudian slip, expressed wishful thinking, or simply reflected the great fatigue of the campaign.

Q. Sen. McCarthy, the assassination is being used to touch off stories about the sickness in the country and that sort of thing. Do you view this assassination as any symptom?

A. I don't know if I want to make that broad a reading of it. Like the assassination of Senator Kennedy (sic), it might have been an isolated act. This is kind of deep social psychology. I'm not really quite prepared to do it here this morning.

Q. Yesterday in Berkeley you said that the Warren Commission's report wasn't necessarily final. Is there more to be told?

A. Yes, that's a clear statement. I don't think the Warren Report knew everything about the assassination. I don't say they suppressed anything. I think all of us realize that they know they did not know everything.

Q. Senator, are you pleased with the support that you're gaining across the country?

A. Well, I certainly can't complain; it's 57 percent in Wisconsin and 49 percent in New Hampshire.

Q. Would you say that Robert Kennedy is making any political capital out of the assassination of Martin Luther King, in as much as he supplied the charter airplane?

A. I don't really know the circumstances concerning his getting the plane. I'd prefer not to comment on it.

The last question was asked after the conference was over. It and the answer were frequently interrupted as McCarthy started to leave:

Q. Could you give us your views on the role of the space race. Is the amount of money we plan to spend on the space race worth it? Is it possible to do that, keep our foreign commitments, and help improve life in the cities?

A. That's a pretty large question for me to try to answer right here. I have some reservations about some of the projects in space. On the other hand, generally the space effort is defensible and desirable.

McCarthy was hustled outside, through the waiting crowd, to his car. This reporter rode back to Caltech on one of the two press buses and was kept busy answering questions about how to get here, what the arrangements here were, and what to expect. McCarthy would wait for the press to arrive before speaking.

**SATELLITE TRACKING SYSTEMS
EARTH STATIONS FOR COMSAT
RARE EARTH PHOSPHORS
VIDEO TELEPHONES
MICROWAVE CARRIER SYSTEMS
COLOR TELEVISION
LASER RESEARCH
CABLE TELEVISION
ELECTRONIC SWITCHING EQUIPMENT
FLASHCUBES
MISSILE TRACKING SYSTEMS
ENERGY STORAGE
BLACKBOARD BY WIRE TEACHING SYSTEMS
INTEGRATED CIRCUITS
INCANDESCENT AND FLUORESCENT LAMPS
SEMICONDUCTORS
ELECTROLUMINESCENT DEVICES
TELEVISION PICTURE TUBES
RECEIVING TUBES
ELECTRONIC SHIELDS
MISSILE LAUNCH CONTROL SYSTEMS
INDUSTRIAL CONTROL SYSTEMS
DATA TRANSMISSION SYSTEMS
AIRPORT LIGHTING**

And you still call us a phone company?

We really don't mind.

After all, it wasn't that long ago that we were just in the telephone business. But now, because we're involved in so much more, we need bright college graduates with practically any kind of degree, whether it's in Engineering or Commerce.

Ask your placement director about us. The misunderstood phone company at 730 3rd Avenue, N.Y. 10017.

General Telephone & Electronics

SYLVANIA ELECTRIC PRODUCTS · LENKURT ELECTRIC · AUTOMATIC ELECTRIC CO. · TELEPHONE COMPANIES
IN 33 STATES · GENERAL TELEPHONE DIRECTORY CO. · GT&E LABORATORIES · GT&E INTERNATIONAL

“What does IBM offer a Ph.D? I’d say diversity. But judge for yourself when they’re here April 17th.”

“I think IBM’s worth listening to because the advantages that attracted me are even stronger today. (This is Gary Kozak, Ph.D. in Analytical-Physical Chemistry, an IBM Development Chemist and Project Manager.)

“At IBM you’re constantly working with people doing advanced work in many different fields. That’s a great asset to any scientist because today’s problems are often interdisciplinary. You can’t solve them with one kind of background. You need inputs from three or four different kinds of people.

“A good example is the solid logic technology used in building the IBM System/360. The EE tells you how many conductors you’ll have, where they go, and what should be at the terminals. An ME designs fixturing and automatic processes. A Polymer Chemist formulates insulators and says how they should be used. The Metallurgist specifies alloy compositions. The Physicist decides how to optimize a process for producing transistors and diodes. And all these people have to talk with each other and help each other.

“It’s a stimulating environment, and it keeps you technologically sharp. Of course, to do all this interfacing with other disciplines, you need a free and informal atmosphere, and IBM has it. It’s a good place for a scientist to work.”

There’s more to the IBM story than Gary has mentioned. You can get all the facts when we interview Ph.D.’s on campus. Make an appointment at your placement office, even if you’re headed for military service.

Or if you can’t make a campus interview, send an outline of your interests and educational background to

Mr. L. H. Covert, IBM, Armonk, N.Y. 10504. We’re an equal opportunity employer.

IBM®

