

Thermo Kills

The CALIFORNIA Tech

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Ask Feynman

Volume LXXIII

Pasadena, California, Thursday, February 24, 1972

Number 19

Iroquois Group To Give Talk On Campus Tuesday

by Claude Anderson

White Roots of Peace, a North American Indian communications group, will be on campus Tuesday for a full day of activities. All day a collection of Indian crafts, books, and records will be displayed around Winnett Center. At noon the group will give an Olive Walk Talk to present traditional Indian messages. The Indian's view of current issues will be the subject of a drop-in seminar at Winnett lounge at 3:30. Films will be shown as part of the program.

There are seven members of the group who will be here; one will be at dinner for informal discussion in each house. The group will spend the night in the houses.

At 8:00, the main meeting will take place in Winnett. This is not merely a performance, for everyone may participate in this updated longhouse meeting, a social gathering like those of the Iroquois people.

Pursuit of Peace

The Iroquois people have always strived for peace, and the White Roots has been their symbol. In September 1969, a group of Mohawks renewed their commitment to this cause and adopted the White Roots of Peace as their name.

The group has travelled over 50,000 miles in their effort to

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SHIRLEY VERRETT (left) and MARY COSTA will appear in a joint recital at Beckman Auditorium this Saturday at 8:30 p.m.

Mr. President. . .

Muskie, McGovern Choices In Y Poll

Senator Edmund Muskie edged Senator George McGovern by a margin of 144 to 124 to win the Democratic nomination for president in a mock election among faculty, students and staff sponsored by the Caltech Y. Democratic voters outnumbered Republicans almost two to one in a race which saw President Richard Nixon winning the Republican nomination by an overwhelming majority.

A total of 719 faculty, graduate and undergraduate students and staff voted in a dual primary and final mock election on a ballot distributed through the campus mail and to student houses. A tally according to party registra-

tion showed 315 Democrat, 180 Republican and 224 Independent voters participating.

Nixon was defeated substantially in the final election by each of four major Democrat candidates — Muskie, McGovern, Lindsay and Humphrey — winning only over Henry Jackson. In this balloting, voters picked their favorite candidate in each of 10 combinations.

In the Democrat primary column, Congresswoman Shirley Chisholm drew 42 votes compared to: John Lindsay, 29; George Wallace, 7; Samuel Yorty, 4; Vance Hartke, 3; and Wilbur Mills, 2. Sixty-eight voters expressed no preference in the primary.

Attempted Mugging Student Not Harmed

by Jeff Mallory

A Tech student was assaulted by a gang of Mexican-Americans Monday night near Noyes. The victim, Steve Beverley, was not seriously injured, and was treated at the Health Center for minor cuts and bruises.

Beverley and two other Ricketts members, John Rogers and Cliff Brown, were walking down San Pasqual toward the Coffeehouse about 8:00 p.m. when they

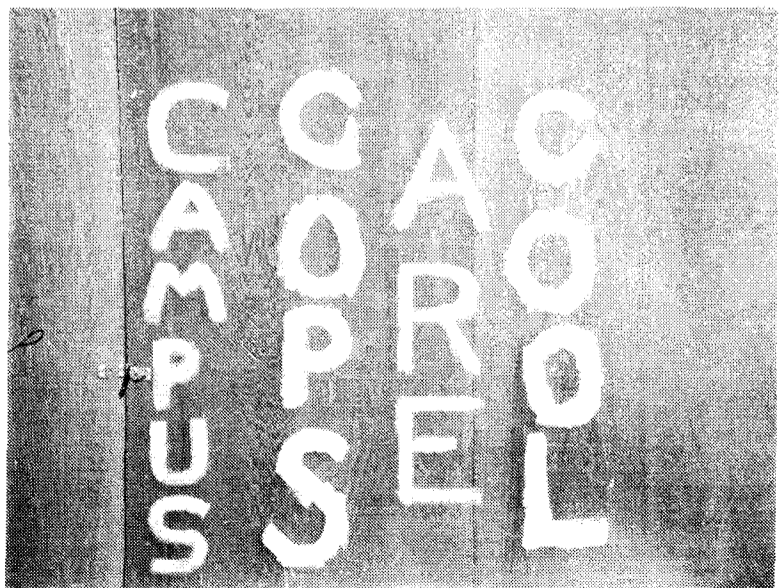
encountered four male Mexican-Americans standing around a car parked by the Campbell Plant lab driveway. The trio was accosted by the group and Roger and Brown managed to escape; Beverley was not quite so lucky.

The four surrounded him and worked him over and, in the process, knocked him to the ground. One of the assailants is said to have then used a bike chain to beat Beverley over the head.

Fortunately, about this time, Officer Daniel Stevenson of Security, had just stepped from Noyes. Hearing the commotion and seeing the fight, he rushed to Beverley's aid, identifying himself as a security officer. The Chicanos fled immediately, three in their car and one on foot. Officer Stevenson was able to spot the getaway car's license plate with his flashlight, however, and recorded the number.

There were several witnesses to the event, and Security has obtained statements from all of them. These, along with the license information, were turned over to the Pasadena Police, who are reported to have identified the car's owner.

Quote Of The Week



SINCE THE MASTER'S OFFICE HASN'T SPONSORED A FENCE PAINT-IN YET, various students have begun efforts to adorn the fences around the Behavioral Biology site.

—Photo by Levin

News Briefs

Votes, Booze, Food And Rock

Some Techers have been hoarding meal tickets, and it has lowered the ticket reserve. In the future please take tickets only one or two days in advance if you intend to eat at Scripps, and return the tickets if you don't use them right away. Henceforth, tickets will be distributed by David J. Smith of 240 Ruddock. If you have lost tickets or have tickets now, please check with him.

ASCITYMCA

Hitch Hikers

You should gather in front of

Fleming House Saturday morning for the hitch hiking trip to Big Sur. Please get there as early as possible. Cars will carry you to good departure points. Bring a sleeping bag, food, and a pack if you have one.

Register To Vote

April 15 is the deadline for registering for the California primary. If you have not done so, register now with one of the following deputy registrars:
Karen Current 116 Steele
Jerry Glashagel YMCA

Lorne Schachter 26 Fleming
David White 351 Crellin

Thumbs Up

ASCIT is sponsoring another Friday noon-to-one concert tomorrow. The group featured is *Thumbs*.

Hillel Club Party Time

To celebrate the Jewish holiday of Purim, Caltech Hillel is having a reading of the *Megilla (Book of Esther)* on Monday, Feb. 28, at 8
Continued on Page Six

Our Last Editorial!

With this issue, two editors-in-chief of two years' service each retire. Both of us were present at the launching of a new era for the California Tech: the age of offset. Only seniors and other hangers-on will remember how poor the Tech looked in the hot-type era; perhaps they appreciate the order-of-magnitude increase in quality since then.

Both of us put in many long hours and sleepless nights the first year to make the photo offset system work. We were learning, and the weekly results often showed the mistakes we learned from. But by the end of that first year, a well-designed and accurately produced issue appeared each Thursday.

After a grueling year making the physical part of the system work, we tried to concentrate on the rather pitiful state of the contents of the paper. That effort has carried over into this, our third year of association with the Tech, with what we hope has been successful results.

We turn the editor-in-chiefship over to Messrs. Beckman, Claypool and Mallory with every confidence that they will continue to improve the Tech.

We say this not to blow our own horns, but rather as both a preface and a perspective on some more important issues, which we deign to raise in this, our last official editorial. In the years of our stewardship of the "official undergraduate student newspaper," the institution of its base has changed, and not always for the better.

We have noted a weakening of the Honor System, especially over the last two terms. This weakening has been subtle, but nonetheless readily detectable.

The Honor System's malaise stems in part from a seeming reluctance on the part of the Board of Control to tackle a few difficult issues relating to relationships between student houses, and also in part from a similar reluctance on the part of some students to govern themselves by the precept that "no member of the Caltech community shall take unfair advantage of any other member of the community." To us, the essence of the Honor System lies in living by that precept regardless of what the Board of Control may say or do.

We find no flaws with the handling of strictly academic matters, and hope that any who feel that any antipathy towards the BOC has led to cheating will put such fears to rest. However, in many other phases of relations between students and the Institute, or between students and other students, we have no such confidence.

Symptoms of this malaise have been both large and small. After many months, the fire alarm system still does not work due to pranksterism. Ripping off food from the kitchens after hours generated considerable friction last term. And other flagrancies have filled the columns of this newspaper with vague and insinuating letters for the past few weeks.

Monkeying with the fire alarms costs the Institute—and thus ultimately all of us— a fair amount of money. If some students raid the kitchen for late-evening snacks, board contracts go up for all. If a house puts on a "too-vigorous psychodrama," which others described as a severe personal attack, for the "benefit" of an invited guest. . . .

All of these strike us as instances of "unfairly taking advantage of another member of the Caltech community." None of these matters have been faced in a positive way by the BOC, or any other student group for that matter.

Some preliminary steps have been taken to remedy this situation, albeit upon vigorous prodding from the administration. However, all involved, students and administrators, well recognize that any solution imposed from above is no solution at all: we must take the initiative.

The presently existing student organizations, the BOD, BOC, and IHC, seem adequate to the task. All that seems lacking is the determination on our part to make it work.

Apathy springs eternal. Another slate of ASCIT officers has taken over, and all of them seem filled with ideas and plans, some extremely worthwhile, and others which will probably soon die of unworkability. But inevitably, such ambitions grind to a halt, nipped in the bud by monster apathy. Why should the elected ASCIT officers (including the Tech editors) work themselves to a frazzle when the very people they are trying to work for apparently couldn't care less?

The defeat of apathy hardly requires that everyone run for office, or undertake the sleepless task of being an editor. Rather, if each of us talked to just one faculty member about just one issue of mutual concern, the impact will be far greater than that of an ASCIT President alone before the Faculty Board or a beleaguered editor taking out his frustrations on page two.

Being involved can take very little time and effort; the rewards can be great. Try it.

Caltech has always been a small school, and hopefully always will be. Its excellence has stemmed from selecting relatively few areas of crucial importance, and devoting the best men and equipment available to those problems. This approach has brought Caltech to the forefront of the most exciting fields in both pure and applied science: Caltech's name has won wide respect for both the purely theoretical and the eminently practical.

But those areas which are of primary importance change continually. Some programs which one flourished, such as the design of electrical transmission systems, have died out. Others have been added, notably in the environmental area.

Caltech's particular genius as an institution stems from its recognition of which areas will be the important ones before just about everyone else. With the challenges facing the human species, that sort of genius is in greater and greater demand.

With the recent decision to branch out into the social sciences Caltech has accepted a wider role. Now we no longer train only top quality researchers; we also must train the best of this generation's administrators.

It is a sobering thought. It is also possibly the greatest challenge to Caltech since its inception.

I hope we are equal to the task.

—Paul A. Levin, —Philip M. Neches

Throop Beat
Throopers Reveal Elaborate Retreat Plans, Schedule

by millikan j. troll
The inhabitants of Throop will be moved out in three shifts according to current plan. The first and largest group will move to Dabney Hall over term break (Only, gasp, three weeks away). A second detachment will embark for Business Services in mid-April, while the bigwigs will move to the third floor of Millikan at the end of April or early May.

The new map of Dabney will look something like this: the basement will house the language faculty and lab, as well as the Placement Office and International Desk. Admissions, Alumni, and the Registrar will occupy the first floor, while Lee Browne, Lyman Bonner, the various and sundry deans, and Grad Office will be on the second floor. EQL will continue to inhabit the third floor.

Trailers
Publications and Public Relations will move to trailers in the courtyard (?) between Thomas and Spaulding, if the city fathers approve. The Treasurer and train will move to Business Services, while the Housing Office is headed God knows where.

The sketchy description of Art 101 given last week may have tantalized a few, including your intrepid reporter. The official
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THE ASCIT FRIDAY NIGHT MOVIE
THIS WEEK
THE IPCRESS FILE
Starring: MICHAEL CAINE, NIGEL GREEN, GUY DOLEMAN, SUE LLOYD
+ CARTOONS
7:30 p.m. and 10:00 p.m., 2/25,
in Baxter Lecture Hall
Admission: 50¢—ASCIT members and their guests; \$1.00—anyone else
NEXT WEEK: THE GOOD, THE BAD, AND THE UGLY

FRANKLY SPEAKING by Phil Frank

'HE'S SO EXCITED ABOUT NIXON GOING TO CHINA, I DON'T HAVE THE HEART TO TELL HIM HE'S ALSO PLANNING TO COME BACK.'

© FRANKLY SPEAKING / BOX 1523 / E. LANSING, MICH.

Freshman Humanities
Courses Listed

To aid and abet the frosh class in the field of the humanities requirements, the Humanities Division has published a list of courses especially intended for freshmen, i.e. the infamous "Freshman Humanities." Unfortunately, this compendium did not come out with the rest of the pre-reg material. Herewith, the offerings:

English: En 1c, five sections; En 1cx, Section 1—Fay, Section 2—D. Smith; En 3c, Section 1—Mayhew, Section 2—Clark; En 5c, Section 1—Clark, Section 2—Kelly; En 10, Section 1—Cozart, Section 2—Cozart; and En 15c, Section 1—Hutchings, Section 2—Hutchings.

History: H 1c, Section 1—Ellersieck, Section 2—Elliot; H 2c, one section—Kousser; H 161, Rosenstone and Hertz. **Political Science:** Ps 1c, 1 section—M. Bates. *Pl 102 (see H 161 above).*

the caltech forum

13 January 1972
To the Editor of the California Tech:

I protest cutting down the large, beautiful redwood tree which grew at the southwest corner of the campus. This act, perpetrated on January 10, is a serious crime against our environment. The 50-year-old tree had managed to survive both smog and acid fumes, and had regained full strength and vigor, only to be felled in an instant by chain-saw-wielding hatchet men of B&G. The campus architect and B&G will probably claim that the tree interfered with the forthcoming Geophysics Building, but any such claim should be soundly rejected. The tree was too near the sidewalk (30 feet north and east of the corner) to have interfered with any building set back an acceptable distance from the street. If the tree interfered with

the architect's plans, then those plans should have been changed. In earlier days, when attention was paid by planners and architects to the esthetic qualities of the campus environment, buildings were adapted to existing trees: thus came into existence, for example, the lovely court between Arms, Mudd, and Robinson. Nowadays, as though the continual depredations from smog and windstorms were not enough, our planners solve any design and construction inconveniences with the chain saw, and then patch up the gaunt landscape later with a few artificial pots of olive trees, which as often as not promptly die. It is a sorry picture.

I feel a great sense of personal guilt over the destruction of this redwood tree, because, knowing of the impending Geophysics Building, I had long worried that B&G and some architect might try to cut the tree down, but I did not intervene strongly to forestall it. Like most of us I was very busy, and though I worried about it, I really didn't expect that anyone in God's once-green earth would do such a stupid thing. ("Architectural idiocy", one of my colleagues called it.) The for me shattering experience of coming out one Monday afternoon to find the tree felled will, I hope, serve as an object lesson for others

Guest Editorial
Mellon Foundation Grants Reviewed

Recently *The California Tech* carried a story [see the issue of February 3, 1972, p. 6] reporting that Caltech had recieved a \$750,000 Mellon Foundation grant to defray the expenses of bringing resident artists, poets, musicians and the like to campus. It may come as a surprise to many in the Caltech community (not to mention the Mellon Foundation),

with similar concerns. Get involved early, and make no assumptions about the sensibilities of people with chain saws, drafting-boards, and other instruments of progress. Except for this lesson, my protest is useless now.

Some of us, however, will not soon forget, as we approach our campus from the southwest, the beautiful tree that once greeted us there, a work of nature destroyed for someone's convenience and for the better visibility of the architect's concrete and plaster fancies.

—B. Kamb
RAY SPEARS BACK
Editors,

I found Dr. Huttenback's letter evaluating my most recent communication both expressive and entertaining, particularly in its use of nouns and adjectives.

I cannot agree, however, that a

but this money, we have discovered, is going to be used to defray faculty salaries in the Humanities and Social Sciences Division.

We are cognizant of the hardships of financing the Institute, especially in these lean years for technology, and entirely sympathize with the travails of those responsible for Caltech's budgeting. On the other hand, it is not clear to us how what one professor described as 'a screw job' will profit Caltech more than it loses for us. Even aside from the indignation of the program's sponsors at their funds being appropriated 'to support economists,' and the intrinsic merits or demerits of the program itself, this action demonstrates a lack of good faith and a lack of integrity which cannot be considered proper in the high administrators of an Institute presumably dedicated to Truth and, we fear, threatens to establish precedents which can do us no credit with ourselves, the world at large, and (a financial crux of the matter) the Foundations and other private funds donors themselves. We urge that the Institute reconsider its hasty decision and do its best to locate other sources of funds the use of which will not stand to do us so much damage.

—Edward A. Schroeder

RECORD SALE

To announce our new record department —
the Caltech Bookstore is selling
100's of Records at \$1.39

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The Tech



About Town

There are a lot of concerts and musical events coming up in the Los Angeles area during the next couple of weeks, and here is a summary.

The Whisky a Go Go, over on the Sunset Strip, features Pot Liquor (hit record, "Cheer") now thru the 27th, followed by a special appearance of Spirit on the 28th. (Contrary to rumors, Spirit is not dead.)

The Aquarius Theater, formerly the home of "Hair" for a couple of years, now hosts the production version of "Tommy", the rock opera written by the Who. This version stars Teddy Neeley,

formerly of the Teddy Neeley Five. He is capable of nice vocals, as you know if you ever heard the TNF. This production runs through at least late March.

The Fox West Coast Theatre, at 333? E. Ocean Blvd. in Long Beach, is becoming the new rock emporium of the area. The 25th thru the 27th sees this little auditorium featuring It's a Beautiful Day, Elvin Bishop and Lamb. The following weekend, Ry Cooder and Commander Cody (with his Lost Planet Airmen) grace the stage there.

The Valley Music Theatre is putting on a little show of its own on the 25th, featuring Badfinger, Allison and the Pure Prairie League. However, if one is really

desperate to see Badfinger, one might as well wait and go to:

The Anaheim Convention Center, which features Rare Earth, Badfinger and War in concert on the 26th. (See how neatly I tied that together?)

The Hollywood Palladium is going at it with Savoy Brown, Fleetwood Mac and John Baldry (of "Don't Try to Lay No Boogie-Woogie on the King of Rock and Roll" fame) on the 27th, followed by the Kinks on March 9th.

The Long Beach Auditorium features the Allman Brothers and Alex Taylor on March 5th, and has Cactus and Al Kooper on the 11th.

The Bristol Bay Trading Com-

pany, which is also the Cal State Long Beach coffee house, has the Credibility Gap on stage on the 25th, followed by Batdorf and Rodney (of "Me and My Guitar") on the 26th, with ultra-cheap admissions and no minimum.

Last but definitely not least comes the Laura Nyro concerts at the Santa Monica Civic on March 4th and 5th.

Tune in again next week to find out where the Ides of March are playing on the 15th. Oh, yes, Donny Hathaway is ill and is not appearing at the Troubadour this week, so if it says so in the ad, then Marvin didn't change it.

by
Nick
Smith

Hotline Program
To Open At Tech
Needs Volunteers

The Northeast Hotline, a community-based crisis intervention telephone service, is ready to train volunteer listeners from the Caltech campus. The Northeast Hotline has been doing telephone counseling for the last two years in the surrounding communities, and now is willing to expand its program to the campuses of Occidental College and Caltech.

If you are interested in volunteering, you should keep in mind that personal flexibility and openness are required for this parti-

Tech Recommends:
China House Food

by PMN/EAS
Tech Food Editors

This week we take you to a corner of the Inscrutable East (East Colorado Blvd., that is) in search of Oriental cuisine (OK, so it's mixing up countries; would you prefer đồ ăn của Đông?). China House (see ad in this issue) is located fairly close to Tech and provides a wide variety of fare, ranging all the way up to gourmet's treats such as duck (for that you call ahead by phone).

Ye Olde Food Editors sampled several courses and the Oriental Food experts therein pronounced them quite good. It's not hard to spend three dollars or more when choosing full dinners from the dinner or a la carte menus, although such expenditures aren't necessary. The meals follow the Oriental habit of being amenable to sharing — taking along friends and ordering a meal for two or more is a boon to the budget. We won't advise what main courses to try — pick one yourself, when you make your own visit to China. Tell them you read it in *The California Tech*. (The above sentence courtesy of our B.M.)

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*****EVERYTHING YOU NEED TO KNOW TO*****
REGISTER & VOTE

Look at the Presidential election figures *opposite*. They're all the proof any one needs to assure him how much his vote can count in 1972. To make your registration easier wherever you are, we're publishing this state by state guide compiled by the Youth Citizenship Fund Inc., in Washington, D.C.

State	You must register by: primary election general election		Where to go/ write/phone	Residency requirement	You must be 18 by	Can you register absentee?
Ala.	Deadline: April 21 Primary: May 2# (P)	October 27#	County board in county seat	1 yr. in state; 6 mos. in county; 3 mos. in precinct	Date of election	No
Alaska	Deadline: August 7 Primary: August 22	October 23	Contact Lt. Gov. in Juneau	1 yr. in state; 30 days in precinct	Nov. 7 for general Aug. 22 for primary	Yes
Ariz.	Deadline: July 12 Primary: September 12	September 18	County recorder or justice of the peace	1 yr. in state; 30 days in precinct	Nov. 6 for general Sept. 11 for primary	Yes
Ark.	Deadline: June 6 Primary: June 27	October 17	County clerk in county seat	12 mos. in state; 6 mos. in county; 1 mo. in precinct	Nov. 6 for general June 26 for primary	No
Calif.	Deadline: April 13 Primary: June 6 (P)	September 14	County clerk or registrar of voters	90 days in state and county; 54 in precinct	Nov. 6 for general June 5 for primary	Yes
Colo.	Deadline: August 11 Primary: September 12	October 6	County clerk; Denver Election Commission	3 mos. in state; 32 days in precinct	Nov. 7 for general Sept. 12 for primary	Yes
Conn.	Nominations made by convention	October 14	Town registrar or town clerk	6 mos. in town	Nov. 6*	No
Del.	Deadline: May 23 Primary: June 13	October 21	Dept. of Elections in county seat	1 yr. in state; 3 mos. in county; 30 days, precinct	Nov. 7 for both elections	No
D.C.	No primary	October 7	D.C. board of elections	No durational requirements	Nov. 7	Yes
Fla.	Deadline: Feb. 12; primary: Mar. 14 (Pres. only). Dead- line: Aug. 12; Prim.: Sept. 12	October 7	County supervisor of elections in county seat	1 yr. in state; 6 mos. in county	Nov. 6* for general March 13* or Sept. 13*, primaries	No
Ga.	Deadline: June 19 Primary: August 8	September 18	County registrar in county seat	1 yr. in state; 6 mos. in county; 90 days in municipality	Nov. 7* for general Aug. 8* for primaries	Yes
Hawaii	Deadline: August 23 Primary: October 7	October 12	County clerk in county seat	1 yr. in state	Nov. 6 for general Oct. 6 for primary	Yes
Idaho	Deadline: August 5 Primary: August 8	November 4	County clerk in county seat	6 mos. in state; 30 days in county	Nov. 7 for general Aug. 8 for primary	Yes
Ill.	In doubt	In doubt	County clerk or election commissioner	6 mos. in state	Nov. 7	Yes
Ind.	Deadline: April 3 Primary: May 2 (P)	October 9	Clerk of circuit court or bd. of registration	6 mos. in state; 60 days in township; 30 days in precinct	Nov. 7 for general May 2 for primary	Yes
Iowa	Deadline: May 27 Primary: June 6	October 28	City clerk or county auditor	6 mos. in state; 60 days in county	Nov. 7 for general June 6 for primary	Yes
Kans.	Deadline: July 11 Primary: August 1	October 17	County clerk or county election commissioner	6 mos. in state; 30 days in town or ward	Nov. 6 for general and primary	Yes
Ky.	Deadline: March 28 Primary: May 23	September 9	County clerk, bd. of registration in cities	1 yr. in state; 6 mos. in county; 60 days, precinct	Nov. 7 for general May 23 for primary	No
La.	Deadline: July 20 Primary: August 19	October 7	Parish registrar	1 yr. in state; 6 mos. in county; 3 mos. in precinct	Nov. 7 for general Aug. 19 for primary	No
Maine	Deadline: June 9 to 16 Primary: June 19#	Varies from Oct 27 to Nov. 6	Registrar of voters or bd. of registration	6 mos. in state; 3 mos. in county	Nov. 7 for general June 19 for primary	Yes
Md.	Deadline: April 17 Primary: May 16# (P)	October 9#	Board of registry in county seat	6 mos. in state; 28 days in county	Nov. 7 for general and primary	Yes
Mass.	Deadline: March 25; primary: April 25 (Pres. only#). Dead- line: Aug. 19; Prim.: Sept. 19#	October 7#	City election commis- sion or board of registration	6 mos. in town	Nov. 7 for general April 25 and Sept. 19 for primaries	No
Mich.	Deadline: July 7 Primary: August 8#	October 7#	Township, city or village clerk	6 mos. in state; 4 wks. in town	Nov. 6 for general Aug. 7 for primary	Yes
Minn.	Deadline: August 22 Primary: September 12#	October 17#	City, village or town clerk	30 days in precinct	Nov. 7 for general Sept. 12 for primary	Yes
Miss.	In doubt	July 7	Clerk of circuit court in county seat	1 yr. in state and county; 6 mos. in precinct	Nov. 7 for general	No

cular method of counseling. Other expectations include:

- 1) a minimum commitment of three hours per week between the hours of 7 p.m. and 1 a.m.

- 2) access to a car, as the listener is expected to provide his/her own transportation to the off-campus Hotline office.

- 3) willingness to involve yourself in the training opportunities provided by both the Hotline and other Los Angeles crisis services.

If you are interested, pick up an application form at the Young Health Center. Any further questions can be resolved by contacting Ian Hunter or Nancy Beakel at extension 2394.



Hello People headline the show at the Ice House this week, and a good show it is. The show opens with Lambert and Nuttycombe, a guitar and vocal duo from the Bay area. They provide some nice low key music, ranging from Joni Mitchell's "Circle Game" through "What's Your Name" (the oldie but goodie) all the way to "Don't Give Me Clap". Much of their

music is humorous, such as "I'll Change Your Flat Tire, Merle," a reply to Merle Haggard's "Okie from Muskogee." They write many of their own songs, such as "Poseidon" and "jive Song", and they are good song writers. Lambert and Nuttycombe are just the sort of act to open a show full of electric nutsiness, which is just what they are doing this week.

Jonathon Moore is the middle act, a British comedian much loved by the audience on Thursday night. Flat Tire, Merle," a reply to Merle Haggard's "Okie from Muskogee." They write many of their own songs, such as "Poseidon" and "jive Song", and they are good song writers. Lambert and Nuttycombe are just the sort of act to open a show full of electric nutsiness, which is just what they are doing this week.

Jonathon Moore is the middle act, a British comedian much loved by the audience on Thursday night. He spent the first several minutes of his act just conversing with the audience and breaking them up with laughter. He does a lot of material that starts off as if it would be standard, and then is

different enough to be funny. His act ranges from the seven zippers of a Hell's Angel to the sound of a Polish frog, and all of it is funny. He even got the change to zap a heckler along the way. Jonathon Moore is a very funny fellow.

Hello People are headlining at the Ice House for the first time, and both they and the audience enjoyed themselves. They did ballads and rock and mime and just generally Hello Peopled. "Feel So Good," "A Monday Kind of Tuesday," "Good Time Girl" and "Little Star" were all featured in the show, only slightly weakened by the reduction of the group to four members. The mime skits came off well, and the show was good. What else can you say about a rock mime group?

Continued on Page Six



by Peter W. Beckman

The Pinot Noir is the greatest grape variety of the Burgundy region of France. It alone is responsible for the infinitely expensive bottles of Romanee Conti or Chambertin that are the sources of legend, and from its separately fermented juice comes over 60% of France's champagne.

The Pinot Noir was one of the first varieties to be planted in California, and in the past decade the plantings have been expanded drastically. In 1966 there were about 1700 acres of the vines under cultivation, and today there are probably twice that.

Unfortunately, California has not been as nice to the Pinot Noir as its Burgundian homeland. Differences in climate and soil have changed the character of the wines so that the California version is generally lighter, thinner, and not nearly as complex as the French original.

Here are the results of tastings by the PHWT&DOS.

Louis Martini Pinot Noir, 1967—The best of the three wines tasted, this bottle had medium body, and an excellent aroma.

Inglénook Pinot Noir, 1967—While the wine had excellent varietal taste, the aftertaste was fairly harsh. It could probably use a little more aging.

Sebastiani Pinot Noir, Bin 132—While the taste was somewhat smoother than the Inglenook's, a fairly bitter aftertaste turned everyone off to this brand.

60 Less than 1 percent of the popular vote put John F. Kennedy into the presidency over Richard Nixon. Kennedy, 49.71; Nixon, 49.55.
68 Less than 1 percent of the popular vote put Richard Nixon into the presidency over Hubert Humphrey. Nixon, 43.16; Humphrey, 42.73.
72 8 percent of the voting-age population will be made up of the eighteen-to twenty-one-year-olds.

Some states provide registration only on certain days throughout the year and are marked by a #. Call the local official early to be sure of time you can register. Some states have complicated procedures for those who turn 18 after the registration deadline but before the election and are marked by a *. All other states allow those who haven't turned 18 to register if they will be 18 by the age deadlines listed in column six. States holding primaries for the Presidency at the same time as local contests are marked (P).

Mo.	Deadline: varies July 12 to 15; Primary: Aug. 8	Varies October 11 to October 14	Board of election commissioners or county clerk	1 yr. in state; 60 days in county; 10 days in precinct (in some counties)	Nov. 7 for general Aug. 8 for primary	Currently being established
Mont.	Deadline: April 26 Primary: June 6	September 27	County clerk & recorder in county seat	1 yr. in state; 30 days in county, precinct; 6 mos. in city	Nov. 7 for general June 6 for primary	Yes
Nebr.	Deadline: April 28 Primary: May 9 (P)	October 27	Election commissioner or county clerk	6 mos. in state; 40 days in county; 10 days in precinct	Nov. 7 for general May 9 for primary	Yes
Nev.	Deadline: July 22 Primary: September 5	September 30	County clerk	6 mos. in state; 30 days in county; 10 days in precinct	Nov. 7 for general Sept. 5 for primary	No
N.H.	Deadline: Feb. 26 to Mar. 6; Primary: Mar. 7 (Pres. only). Deadline: Sept 2 to 11; primary: Sept. 12#	October 28 to November 6	Board of supervisors of the check list	6 mos. in state	Nov. 6 for general March 13 or Sept. 11 for primaries	Yes
N.J.	Deadline: April 27 Primary: June 6 (P)	September 28	Supt. of elections or sec. of county election board	6 mos. in state; 40 days in county	Nov. 7 for general and primary	No
N. Mex.	Deadline: April 25 Primary: June 6 (P)	September 26	County clerk	13 mos. in state; 90 days in county; 30 days in precinct	Nov. 7 for general June 6 for primary	Yes
N.Y.	Deadline: June 9 Primary: June 20# (P)	October 14#	Inspector of election	3 mos. in state, county, city; 10 days in precinct	Nov. 7 for general June 20 for primary	Yes
N.C.	Deadline: April 3 Primary: May 2# (P)	October 9#	Registrar in county seat	1 yr. in state; 30 days in precinct	Nov. 7 for general May 2 for primary	No
N. Dak.	No registration in ND Primary: September 5			1 yr. in state; 90 days in county; 30 days in precinct	Nov. 7 for general Sept. 5 for primary	
Ohio	Deadline: March 22 Primary: May 2 (P)	September 27	County board of elections	6 mos. in state; 40 days in county and precinct	Nov. 7 for general and primary	No
Okla.	Deadline: August 11 Primary: August 22	October 27	County elections board	6 mos. in state 2 mos. in county; 20 days in precinct	Nov. 7 for general Aug. 22 for primary	No
Oregon	Deadline: April 22 Primary: May 23 (P)	October 7	Registrar in county seat	6 mos. in state	Nov. 7 for general* May 23 for primary*	Yes
Pa.	Deadline: March 4 Primary: April 25 (P)	September 16	County commissioners or Registration commission in Phila.	90 days in state; 60 days in county or precinct	Nov. 8 for general April 26 for primary	No
R.I.	Deadline: February 10 Primary: April 11 (P)	September 7	Town canvassing authority	1 yr. in state; 6 mos. in town	Nov. 7 for general April 11 for primary	No
S.C.	Deadline: May 13 Primary: June 13	October 7	County board of registration	6 mos. in state; 3 mos. in county; 30 days in precinct	Nov. 6* for general June 12* for primary	No
S. Dak.	Deadline: May 22 Primary: June 6 (P)	October 23	County auditor	5 yrs. in U.S.; 180 days in state; 90 days in county; 30 days, precinct	Nov. 7 for general June 6 for primary	Yes
Tenn.	Deadline: April 4; primary: May 4 (Pres. only#); Deadline: July 3; primary: Aug. 3#	October 6	Registrar-at-large in county seat	No durational residency requirements	Nov. 7 for general Nov. 6 for primary	Yes
Texas	Deadline: April 6 Primary: May 6	October 7	County tax assessor-collector in county seat	1 yr. in state; 6 mos. in city	Nov. 7* for general May 6* for primary	Yes
Utah	Deadline: September 1 Primary: September 12	October 27	County clerk	6 mos. in state; 60 days in county	Nov. 7 for general Sept. 12 for primary	Yes
Vt.	Deadline: September 2 Primary: September 5#	November 4#	Town, city or village clerk	90 days in state; 90 days in town	Nov. 7 for general Sept. 5 for primary	No
Va.	Deadline: May 13 Primary: June 13#	October 7#	General registrar	6 mos. in state; 30 days in precinct	Nov. 7 for general and primary	No
Wash.	Deadline: August 19 Primary: September 19	October 7	County auditor	1 yr. in state; 90 days in county; 30 days in precinct	Nov. 7 for general Sept. 19 for primary	Yes
W. Va.	Deadline: April 8 Primary: May 9 (P)	October 7	Clerk of county court	1 yr. in state; 60 days in county	Nov. 8 for general and primary	Yes
Wis.	Deadline: varies March 15 to March 22 Primary: April 4 (P)	October 18 to 25	City or county board of election commissioners or city clerks	6 mos. in state; 10 days in precinct	Nov. 7 for general April 4 for primary	Yes
Wyo.	Deadline: August 7 Primary: August 22	October 23	City or county clerk	1 yr. in state; 60 days in county; 10 days in precinct	Nov. 7 for general Aug. 22 for primary	Yes

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White Roots Of Peace. . .

Continued from Page One

communicate with high school and college groups all over North America. They have provided a means for Americans to hear Indian views on peace, ecology, and brotherhood.

They publish a 48-page newspaper, the largest of its kind. *Akwesashe Notes* has a circulation of over 20,000, and provides a combination of news, political views, and culture of the American Indian.

News Briefs. . .

Continued from Page One

p.m. in Clubroom 1. Noise-makers will be provided for all. Refreshments, which will be served following the reading, include hamentashen and punch (remember, it's a *mitzvah* to get smashed on Purim). All are invited.

Announcement of Biology Tutorials

The list of Biology tutorials (Bi 23) to be offered next term is now available in the Biology Office, 156 Church. The tutorials are staffed by Biology faculty, postdocs and grad students. They provide an opportunity for learning through personal contact in a 1:1 or small group situation, and cover a broad range of subjects. Bi 23 may be taken for up to 6 units; grading is pass-fail.

Encounter Meetings Resume Wednesday

The first meeting of this term's encounter program will be held Wednesday at 7:30 p.m. in Winnett lounge. This will begin with a look at methods of communication. Several Personal Exploration Groups, which will meet three times in the ensuing weeks, will be formed. The program will be climaxed by an encounter weekend early in April. The cost is \$15.00, and it's still not too late to register. Drop by the Y office.

Sporting Chaps To Play Cricket

The Caltech Cricket Club is getting moving again for the 1972 season, with games scheduled for the 3rd term and all through this summer, beginning on March 26th. Anyone with interest or experience is welcome at practices in the baseball area, on Thursdays at 4 p.m., or see Gerry Brady, 221 Thomas, ext. 1232.

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Throop Beat

Continued from Page Two

course description reads, "An examination of the interaction between technology and art. A background of the history of artistic explorations will be provided and contributions which artists have made in the technological age investigated. The emphasis will be on the process by which artists and scientists interrelate. The discussion will include cybernetics and computers, television and film, kinetic and light art, and multi-media collaborations. A number of guest artists and scientists will participate." The course will be united 3-0-6, not 3-3-3 as reported last week.

And Leaders

The Undergraduate Standards and Honors Committee met Monday, and after a lively two-and-a-half hour meeting recommended to the Faculty Board that Drop Day be moved to the last day of classes. They commended that Add Day be similarly moved, allowing adding as well as dropping up to the last day of instruction. Adding courses last in the term would, however, be contingent on the instructor's approval. The matter reportedly has been put on the agenda for the next Faculty Board meeting.

The Faculty approved the graduate program in the Social Sciences at its Monday meeting. For more details, as well as preliminary info on a possible undergraduate social science option, tune in next week. According to Dr. Huttenback, proud godfather of the new

program, this is the first thoroughly new graduate program at Caltech in many, many years.

McGovern

An active McGovern Club has sprung up around Steve Watkins and David White. Their first activity, a party Tuesday night, netted about sixty signatures for a petition to put McGovern on the California primary ballot.

This week's Etaoin Shrdlu Award for Wedgeheadedness Above and Beyond the Call of Duty goes to the notorious B&G syndicate, for billing Lloyd House \$650 for repairs to their dumbwaiter. According to our spies, the whole thing could have been replaced for less.

Letters

Continued from Page Three

student house holds itself in low esteem which does not discourage egregiousness, oafishness, vituperation, and illegality, and calumny.

Unless one is the sort who can believe, for example, that the United States is freer than the USSR because the Soviets imprison novelists like Daniel, while we imprison only scum like Ralph Ginzburg, one will immediately perceive that a viewpoint which tolerates only that which it finds acceptable is not a liberal viewpoint at all. The quality of tolerance in a philosophical system is not to be measured by its tolerance for those of whom it approves. It is not to be tested by its treatment of those who disagree with it within the bounds of social respectability. Nor is it to be tested by the fraction of possible expression which is encompassed within its bounds of

respectability. What is to be examined is how a system handles those who are hopelessly outside of it, and perhaps opposed to it. If it is the desire of a person, or a premise of his philosophy, or the law of his society, to ultimately suppress behavior that is foreign to it, then that system differs only in degree and not in kind from the most repressive orders.

The artists and conspirators of Dabney House find it unnecessarily confining to operate within the bounds of good taste. Given the fact that public obscenity and calumny are exhilarating and theatrical, I fail to see why Dr. Huttenback and his fellow persons in positions of authority cannot encourage depravity as a valid means of making important social, political, or artistic statements.

Free the people
R. Spears

Frets & Frails

Continued from Page Five

A special guest act appeared on Tuesday night, The Pep Boys, featuring the voice of the lovely Chi Chi Del Dongo. The Pep Boys did *REAL* oldies but goodies, going as far back as a 1928 Bing Crosby hit. "After You've Gone," "Aloha Oe Blues," "It Don't

Mean a Thing If It Ain't Got That Swing" and others were featured, done on guitar, bass, ukulele, and violin, in a cross between Lawrence Welk and the Incredible String Band. I'd like to see them again some day, because they're good, but they are a little strange.

—Nick Smith

SCIAC Relays Sixth in Track Squad

The Caltech track team placed a strong sixth in the S.C.I.A.C. Relays Saturday to start the 1972 season. The thinclad Beavers took a third in the triple jump relay, and the 880-yard relay team turned in a time of 1:35.5 for fifth place in that event.

The Tech sprint medley team placed second, and the 440-yard relay finished third with a time of :44.0.

The next meet will be this Saturday at Claremont-Mudd at 1:30 p.m. The track team has a good chance of winning, so come on down—or, if you're really interested, come on out and run.

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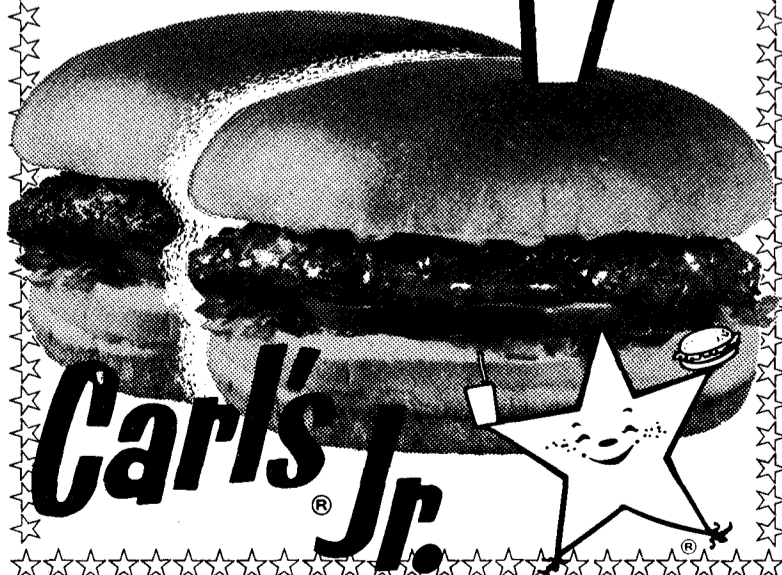
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Tennis Team Falls to Oxy, Redlands; Edges Cal Lutheran

The varsity tennis team dropped their first two matches in conference play, losing 9-0 to Redlands and 7½-1½ to Oxy.

Dave Dummit made the best showing Saturday against a powerful Redlands team, winning three and four games in a straight-sets loss. He teamed with Dave Beatty to win the only set of the afternoon in second doubles, which the Bulldogs won 6-1, 4-6, 6-3.

Andy Chow defeated Dave Matteson of Oxy in three sets last Thursday to get the Beavers' only singles win. His subsequent loss in the Redlands match is the only blot on a 4-1 season record, tops on the squad.

In a strange affair played February 12, Caltech led Cal Lutheran 4-3 as darkness prevented the completion of two doubles matches. Counting this as a win makes the Beavers' record 2-3 going into last Tuesday's match against Whittier.

Rio Hondo Stops Beaver Nine, 12-2

by Furdrick J. Furd III

The baseball team gave away its first game of the season to Rio Hondo Tuesday, losing 12-2. A lack of scoring on Tech's part was combined with extreme generosity to the Rio Hondo squad.

Singles by Doug Schladweiler, John Ellis, and Walt Smanski, followed by a walk to Phil Gschwend, failed to produce a run in the first inning. In the next frame walks to Al Mayer and John Stemple plus Schladweiler's second single combined for the first Beaver tally. Ellis singled in the third inning and came around to score.

It wasn't enough, though, as Rio Hondo scored twelve runs, most of them stemming from fielding errors. Tech had runners in scoring position in almost every inning but failed to push any more runs across the plate.

The Beavers have a double-header on Saturday with L.I.F.E. College, a team that Tech beat twice last year. Rio Hondo comes to Tournament Park next Wednesday for the Tech home opener.

SPORTS

Friday, February 25			
12:30 p.m.	Golf	Claremont/Harvey Mudd	Away
4:00 p.m.	Swimming	Chapman	Home
Saturday, February 26			
9:00 a.m.	Southern California Intercollegiate Fencing Championships		at UC Irvine
11:00 a.m.	NAIA District III Wrestling Championships	at Pasadena College	
12:01 p.m.	Baseball	L.I.F.E. (2)	Away
1:30 p.m.	Varsity Tennis	Claremont/Harvey Mudd	Away
1:30 p.m.	JV Tennis	Claremont/Harvey Mudd	Home
1:30 p.m.	Track	Claremont/Harvey Mudd	Away
Monday, February 28			
12:30 p.m.	Golf	Claremont/Harvey Mudd	Home
Wednesday, March 1			
3:00 p.m.	Baseball	Rio Hondo	Home
3:00 p.m.	S.C.I.A.C. Swimming Preliminaries		at Caltech
Thursday, March 2			
12:30 p.m.	Golf	La Verne	Away
2:30 p.m.	S.C.I.A.C. Diving Preliminaries	at Claremont/Harvey Mudd	
3:00 p.m.	Varsity Tennis	Pasadena College	Home
Friday, March 3			
9:00 a.m.	Western Intercollegiate Fencing Championships		at UCLA
2:30 p.m.	S.C.I.A.C. Swimming & Diving Finals		at Caltech
Saturday, March 4			
9:00 a.m.	Western Intercollegiate Fencing Championships		at UCLA
12:01 p.m.	Baseball	L.I.F.E. (2)	Home
1:30 p.m.	Varsity Tennis	La Verne	Home
1:30 p.m.	JV Tennis	La Verne	Away
1:30 p.m.	Track	Pomona	Away
Sunday, March 5			
9:00 a.m.	Western Intercollegiate Fencing Championships.		at UCLA

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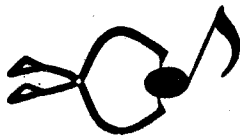


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For further details and application forms please contact your department office, Dean's office, or write to:

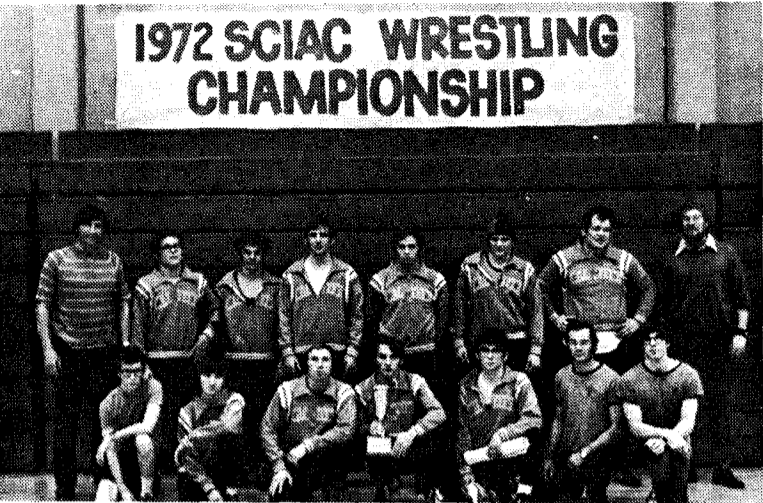
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CHAMPIONS!

Swimmers Top S. Ana, Lose to Redlands (maybe)

Discobolus



CALTECH WRESTLERS who won their third consecutive S.C.I.A.C. championship Saturday: Kneeling—William Moss, Mark Morris, Greg Stone, captain Randy Lewis, Ken Walker, Ken Bickford, Vince Fratello. Standing—coach Tom Gutman, Gary Zieve, Val Catanzarite, Rick Short, John Morton, Rik Smoody, Bruce Johnson, assistant coach Dave Schramm. Team dual meet record was 15-1.

Photo by Owens.

...again

by H. P. Schnurrd

And it came to pass that after the harvest, the Chosen went forth and did battle in the name of the Lord, and although they were few, they smote all their enemies, save the foul men of the Clear Mount of Mud, who had subdued them. Near the time for planting, their enemies called their hosts unto them, and said, "We are a strong and mighty men for war!" And they cried unto the armies of Tech, "Why are ye come out to set your battle in array? Choose ye ten from among you, and let them come down and meet us." And they cursed the Techers by their gods.

And the good man Tom heard of this, and said, "Behold, the unclean challenge us, and they say that their gods are mightier than ours!" Therefore, he enquired of the Lord, "Shall I go and smite these Philistines?" And their words had angered the Lord, and he replied to Tom, saying, "Go forth, and I will deliver them into your hand."

And the Techers girded themselves and made ready, and Randy, and Stone, and the Marks fasted. And the men of Tech went forth, and they were clean of heart and prevailed over the Philistines.

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by Bob Kieckhefer

The swimming team had two more exciting meets last week, neither of which was decided until the final event. Against Santa Ana JC last Wednesday the outcome was decisive — Caltech's second victory of the year. The winner of the final event in Friday's Redlands meet was officially Redlands, though many witnesses disagree with the referee's decision. (Tech's coach's comment was, "We wuz robbed." [He said a few other things, but this is a G-rated newspaper except for an occasional third term pre-finals aberration.]

The meet against Santa Ana started slowly for the Techers, as they lost the 400 yard medley relay and placed only second and third in the 1000-yard freestyle. After this, however, Techers placed first in six of the next seven events, giving them a 40-30 lead after the 100-yard freestyle.

Santa Ana swept both the 200-yard backstroke and the 500-yard freestyle to regain the lead, 46-42, but Russ Desiderio's first place in the 200-yard breaststroke brought Tech within striking distance with only the 400-yard freestyle relay remaining. Santa Ana's team grabbed an early lead in the event, but Tech's team of Max Kay, Steve Bitondo, Steve Sheffield, and Tim Hight came from behind to win by about five yards.

The final score of the meet was Caltech 55, Santa Ana 49. High scorers for Tech were Sheffield (11 3/4 points), Hight (11 3/4), diver Greg Beall (10), and Desiderio (8).

The meet against Redlands started well for Tech, as the medley relay team of Sheffield, Desiderio, Jim Jakway and Bitondo beat Redlands' finest to jump to a quick 7-0 lead. Redlands slowly chopped away at this lead, and finally went ahead 42-36 after the 200-yard backstroke. But first places by Hight, Desiderio, and Beall in the next three events brought Tech to within two points with only the 400-yard freestyle relay remaining.

Redlands grabbed a five-yard lead on the first leg of the relay, which they held until the final 50 yards of the race, when anchorman Tim Hight began narrowing the gap. Going into the final turn he was still three yards behind, but coming out of the turn he was within a yard of Redlands' anchorman. As the two swimmers sprinted all-out for the finish line, a horde of spectators converged at the end of the pool, possibly obstructing the referee's view of the "touch-out" finish. His decision against Tech meant that Hight's sprint (51.9 sec.) was for naught, even though many spectators (including a few Redlands swimmers) thought Tech had won. This, of course, shows that a

Page House rolled on to two more successful defenses of the Discobolus trophy, tying Fleming in soccer (again) 0-0, and swamp-ing Lloyd 62-6 inootball.

The Discobolus trophy is, for the first time, in the possession of an individual. Currently the property of ,it is expected to revert to IHC as soon as they get it out of hock.

photo finish without camera is like relativity without $\sqrt{1-v^2/c^2}$: in many experiments you must include the factor to be sure you are correct.

The final score of the meet was Redlands 60, Caltech 51. Tech's high scorers again were Sheffield (11 3/4), Beall (10), Desiderio (9 3/4), and Hight (8). This loss gives Tech a 0-4 record in conference dual meets, although two of these meets went down to the last relay.

Tomorrow at 4 p.m. the swimmers have their last dual meet of the year, against Chapman College, in Tournament Park. The swimming season ends next week with the SCIAAC finals, to be held Wednesday and Friday afternoons in T.P. Timers and judges are in great demand for this meet—no prior experience necessary. If you are free either of these afternoons, it's a great excuse to sit in the sun and do almost nothing!

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