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Commencement

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Next Year!

Volume XCII, Number 30

Pasadena, California

June 7, 1991

The Master Plan: Building for the Future

Caltech's Master Plan and Undergrad Housing

by Pete Rogan

In the middle of this academic year, the undergraduate Houses were informed they would be losing anywhere from 3 to 6 affiliated, single-family homes. At that point the other single-family houses were redistributed among the seven Houses.

When questioned about why these units were being taken away, members of the administration replied that the Caltech Master Plan calls for a parking structure and power plant to be built in the place of those homes. Although efforts were made to explain this necessity, they often fell short or only reached a limited number of people.

This article hopes to investigate the matter in detail, beginning with some background on the actual Master Plan so that interested parties can understand the more complete situation.

Overview and Background

In 1989, the Master Plan for Caltech was approved by the city of Pasadena. This plan governs the future growth of CIT by parcelling specific areas of land for unsp-

fied development over the next 25 years.

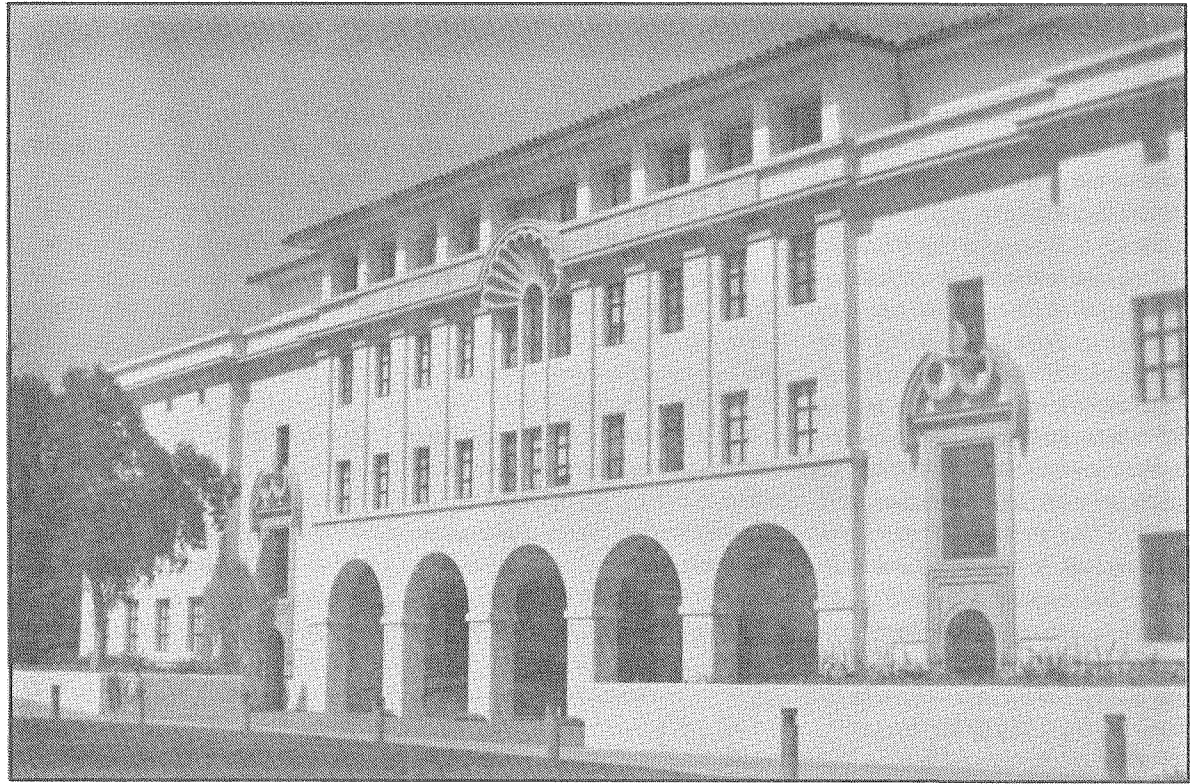
The plan leaves freedom for the changing needs and budget of an institute such as CIT. Yet it also satisfies many ground rules important to the city of Pasadena and Caltech's neighbors on all sides.

A few years prior, the city of Pasadena passed a resolution requiring all sizable institutions within the city to devise a 'master plan' for future growth. Clearly, such a resolution impacted Caltech in its planning, bringing about the need for the Caltech Master Plan.

As Greg Van Der Werff, Director of Property Management for CIT, put it, "We had to do it."

Van Der Werff, formerly a Caltech undergrad who graduated in 1971, has been referred to as manager of the Master Plan. He spent three years overseeing the organization of the document submitted to the city and continues to oversee how the Institute adheres to the plan.

Van Der Werff by no means accomplished this task alone; within the Institute, Vice President Dave Morrisroe, Bob Fort of Physical



Beckman Institute officially opened this year, and is an example of some of the new architecture to come to Caltech

Plant, Hall Daily of Public Relations and many others teamed up with Van Der Werff along the way. From outside the Institute, the organizers called in architects, landscapers, and other professionals.

Together, all those involved had to satisfy the Institute, the city, and

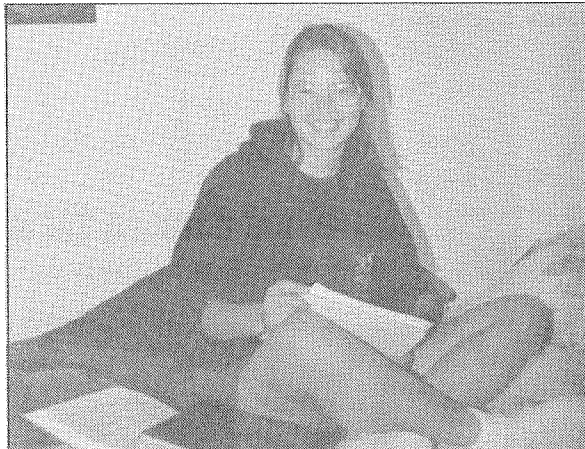
the neighbors of Caltech.

The CIT Board of Trustees had in mind goals of maintaining current population levels and preserving the current feel of the Campus, which includes a limit of 3 stories on new buildings.

The city, of course, has many

zoning laws, building ordinances, and other restrictions which were taken into account. Additionally, a slow-growth initiative came to pass during the actual preparation of the Plan.

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New senior class officers are Andrea Mejia (left) and Bonnie Wallace (right). They are respectively president and secretary/treasurer. NO was victorious in the race for junior class president. Amit Mehra, uncontested winner of the race for junior class secretary/treasurer was unavailable for a picture.

New Gym Underway

The design and blueprints for the Braun Athletic Center are finalized and construction of the facility is scheduled to begin just after commencement and run through May of 1992. The new gym will include four raquetball courts, three squash courts, two full-size basketball/volleyball courts, a weight room three times the size of the existing one, and a large room for aerobics, dance, and karate.

There will also be a larger lobby, a lounge with couches, a larger classroom and more offices than in the existing gym. The women's locker room will have 200 more lockers. The facility will also include a visiting team men's locker room, a women's equipment room, and a supplemental training room to the one in the current gym.

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Alan H. Donagan, Professor of Philosophy Dies at 66

Alan H. Donagan, the Doris and Henry Dreyfuss Professor of Philosophy, died on Wednesday, May 29, 1991, in Pasadena, after a heart attack. A native of Melbourne, Australia, he was 66 years old.

Donagan joined the Caltech faculty in 1984 after spending 14 years at the University of Chicago, where he was the Phyllis Fay Horton Professor of Humanities. Previously he was a philosophy professor at the University of Illinois at Urbana-Champaign, Indiana University, and the University of Minnesota. At both Indiana and Minnesota, he served as chairman of the philosophy department. Earlier, he held academic appointments in philosophy at Uni-

versity College in Canberra, Australia, and at the University of Western Australia in Perth.

He received his B.A. and M.A. degrees from Queen's College, the University of Melbourne, and his B.Phil. from Exeter College, Oxford University.

Donagan was the author of more than 100 publications, including six books. He had been president of the Central Division of the American Philosophical Association, and was a Fellow of the American Academy of Arts and Sciences. He held an honorary degree from Ripon College.

He is survived by his wife, Barbara.

CRIME AND INCIDENT BEAT

Crime Tip: The Pasadena Police Department suggests that some method of disabling a car, such as using a kill switch or a club, is better protection than an alarm system.

5/29 A bicycle parked in the 3rd floor stairwell of Steele was stolen. The bike was not locked to anything.

5/30 A student left a case of motor oil and a baby stroller next to his car, which was parked in the West Wilson lot. Both were taken while he was gone.

5/30 A vise attached to a desk under the Ruddock alley 3 stairs was taken.

5/31 Several persons were playing volleyball in the Brown Gymnasium, and had left some of their belongings on a table at the north side of the gym. A wallet was stolen from the table, possibly by one of the non-Caltech persons seated at the table during the game.

6/1 A suspicious person at the tennis court was asked for identification. He refused to identify himself or leave the courts. Security arrived, and the suspect still refused to leave or identify himself. The Pasadena Police were called, and the suspect finally identified himself and left.

6/1 Security responded to a call from the Athenaeum in order to escort a habitual party crasher off campus. The suspect has been known to come to private parties uninvited. No charges were pressed.

6/2 Security was notified of a suspicious person in Ricketts House. Officers found the person in the lounge and questioned him. The suspect had no legitimate reason for being on campus. The suspect was escorted off campus.

6/3 A group of bicycle riders was observed in the area northwest of Braun Lab. Security officers approached the riders, who split up and fled. Three of the group were apprehended and advised not to trespass on campus.

6/4 Two suspicious persons were reported by a Dabney House member as entering Dabney, removing two cans of soda from a refrigerator, and leaving. Security officers could not find anyone who fit the descriptions given by the witness.

6/4 Four students were found on top of Milikan Library throwing parachutes off the roof. The students had gained access to the roof by use of a friend's key. They were escorted off the roof by security.

6/5 Several members of Ricketts House narrowly escaped being arrested only because Pasadena high school students had already been caught for what the Scurves were about to do.

Total value stolen or missing: \$237

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letters

To the editors:

There seems to be a serious lack of consideration for others here at Caltech. The wide variety of problems facing us at Caltech need to be met with maturity and serious consideration, not with shouting matches or brush-offs. There have been many problems facing the community, from housing, to harassment, to the playing of *The Ride*. Caltech must accept that a few unhappy individuals are capable of making a legal scandal of immense proportions over an issue that many consider irrelevant and unimportant. In order to respect the wishes of others, and to prevent unnecessary complications, decisions on such matters must be taken seriously. The fact that a person is ambivalent does not relieve him/her of the responsibility to consider the views of others. The possibility that he/she is a staunch supporter of one side does not relieve him/her of the responsibility to try to reach a reasonable compromise. It is clear that in the end a compromise may not fully satisfy anyone, but as a community as a whole, it can provide the *only* reasonable solution.

Although tradition plays an important role in our lives, the implementation of the traditions and the attitudes towards them must be considered. It would be a tragic loss for Caltech to become a school where "the law" is set, and a police force is required to maintain it. The fact is that people here are *capable* of acting with maturity and respect towards others, but it *requires* thought. You may not receive a grade on how much effort you make to treat others with due respect, but it is not an unreasonable demand. Many of the problems facing us could be dealt with more reasonably if people made this small effort. The playing of *The Ride* is an accepted tradition. Living with it may be necessary, but if those caring souls who give us all this musical treat were reasonable about it, by limiting the number of chasers, and turning it off when requested, the unhappy souls who so have made it such an issue at Lloyd House this week might let the issue slide. Other issues may not be so easy to resolve, but they can at least be approached with sensitivity rather than hostility.

Nathan Wallach

Dear editors:

As an undergraduate, I found a memo from the Housing Office under my door this week asking me to conserve water. I would like to return the favor:

- (1) Replace the on-campus irrigation systems too. Caltech has the best watered sidewalks in the area.
- (2) Take the "Please Flush After Every Use" signs back down until those low-volume toilets actually show up. (And how long will that be?)
- (3) In the future, try posting such memos by the house mailboxes instead of delivering personal copies to every student. We already get far too many personally delivered announcements from the administration, and those have nice yellow envelopes that go straight to the recycle bins (which, in Ruddock at least, are right next to the mailboxes).

Thank you,
Todd Whitesel
Junior, Ruddock House

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- (2) *The Voyager Uranus photo album!* (1986)
- (3) *The Feynman issue!* (1988)
- (4) *The Grass Rivet!* (1985)
- (5) *CIT Weekly!* (1989)

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Editorial - Jon Liljeblad

So it is that time of year once again, with spring melting through to summer and the strong March winds finally blowing off their way. Professors don their robes for commencement and the graduating class sets itself for release. Over by the athletic field they're setting up the stage and podium where President Bush will speak, and in the houses the undergraduates are studying for final examinations.

Funny in a way, the same thing every year. But the institute stays on. There are always the new freshman wandering about lost on campus, always the groundskeepers tailoring the grass, and always the faculty engrossed in their own worlds. The dean is always there, so too the housing administration, and lest they be forgotten the cleaning service in their uniforms...Always there, watching a passing undergraduate student body rotating through. Every year.

Time does pass though. And so too will this institute. New buildings will be added, others will be replaced. The faculty will infuse itself with new members as the older ones retire. Likewise, the proportion of research conducted will shift from year to year as the departments change.

But nevertheless, now is the time to stop a moment and observe the past year, if only to remember.

In Ruddock House, there is a senior class numbering 15 strong, mustering itself after its decimation over the past years with a loss of %50. There is no love lost between them and this school. Among them one can find bitterness and resentment, attitudes many students here share. But so too do they as a graduating class share happiness, relief, and even a little pride for having survived 4 years through this school.

Along with them are 2 Residential Advisors who are also leaving, having spent a full and acceptably busy 3 years in the house. They have their plans, set far north in Washington. Even now, however, as they prepare themselves to depart they are still helping the house in selecting their successors. Their presence will be missed.

In all this there is a certain amount of sentimentalism, but one can't just ignore what's happened in the past years. This place is special, if nothing else for the amount of stress it places on students. One student this editor overheard likened this place to a combat zone, with each class doing their tour of duty here and all alumni sounding like gritty veterans describing their experiences. Funny as this is, it does in a way reflect some of the feelings that run through here. All the stress. All the frustration. All the work. Uh huh, no lie GI.

Every year.

This seems to be the unifying element among students here—present, past, and future. Just the other day a Ruddock alum (class of '74) mailed back a banner he had preserved for the entire house to maintain. It is bright red and in big bold no-mistaken letters states very succinctly: "Tech is Hell." The old guard passing on to the new. Definite non-RFable. Yeah, sure. No mistake.

Every year.

It is now that this editor remembers what he knew so well as a high school senior but has since somehow forgotten: time will go on and the teachers will face a new crop of students next year, but the kids are the same, and so too will the school be the same. Students will leave, but they will remember.

Enough.

To the graduating class of '91: te salutamus, nothi.

To the RAs of Ruddock House: good job, I just hope the next guys aren't total rookies. Au revoir.

—J. Liljeblad

I hear the old, old men say,

"Everything alters,

And one by one we drop away."

They had hands like claws, and their knees

Were twisted like the old thorn-trees

By the waters.

I heard the old, old men say,

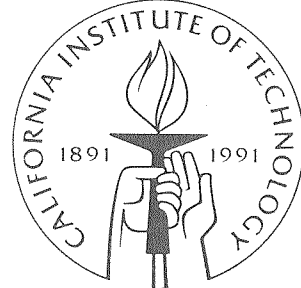
'All that's beautiful drifts away,

Like the waters."

—W.B. Yeats

New Director of Admissions

The appointment of Carole Snow to be the new Director of Admissions beginning July 1st has been announced in a memo to the Caltech community from the office of Gary Lorden. Snow has a B.A. in psychology from the University of Miami and an M.A. and Ph.D. in sociology from the University of Southern California. She is currently serving as special assistant to the Dean of the College of Letters, Arts, and Sciences at USC, where she has been since 1975. She is director of the schools minority engineering program and is also head of recruitment for all engineering students. Admissions at USC is largely decentralized, with each college determining its own admissions policies to a large extent. She is also a member of a general troubleshooting team in the USC admissions office and is a representative on the committee in charge of undergraduate recruitment and enrollment. For several years she held the position of faculty-in-residence at one of the student apartment complexes. Although she will not assume her duties in the Caltech Admissions Office until July 1st, she has been on-campus frequently, so keep your eyes open for a new face and give her a hearty welcome.



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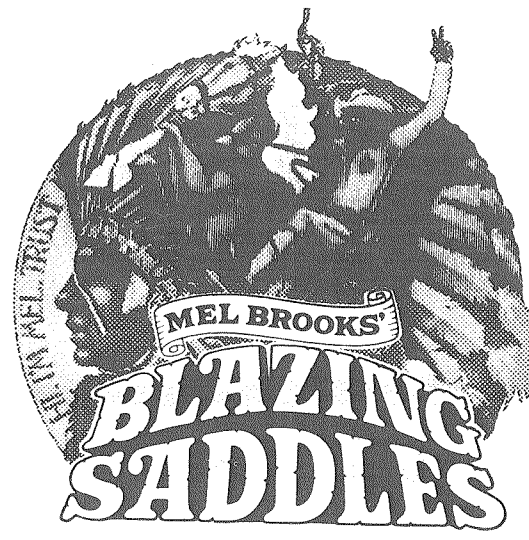
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Photo by John Krowas

Unidentified Flying Object interrupts Interhouse Contest between the Big Men of Ruddock and Lloyd

Editorial - Delwyn Gilmore

I just turned in my student housing contract for next year. Four thousand, three hundred thirty-three dollars and fifty cents. As much as I like to complain about undergraduate housing at Caltech, I'll have to admit that this is a pretty good deal compared with some schools. Of course, some might argue that students at other schools get a better product for their money, but we all know that this couldn't be true. Caltech's the best. No room for improvement here. The point I would actually like to raise is the questionable fairness of the "Administrative Overhead and Reserve Charge." It will come to one hundred twenty-one dollars and fifty cents for me next year. Okay. I can understand that overhead on the food service might cost the Institute some sixty thousand dollars next year. However, if I lived off-campus (as I did for part of last year), I would strongly object to the fact that the Institute will earn a tidy thirty-five thousand dollars or so from students who are not covered under any board program, yet are still charged overhead fees. Also, I suspect that this is represented as a separate charge so that board prices appear lower than they are in reality. After further consideration, it is clear to me that this small item doesn't really matter. With Pasadena housing rates as high as they are, most students have very little choice but to sign whatever document is placed in front of them. Last year, we signed contracts that did not specify the board rates at all - essentially a blank check made out to Caltech. Oh well, it's not as if the students don't expect this sort of treatment. Until the fall, I hope everyone has a great summer and eats well every night.

Class Officer Election Results

The new senior class officers are Andrea Mejia, president, and Bonnie Wallace, secretary/treasurer. The new junior class officer is Amit Mehra, secretary/treasurer. He will also fulfill the duties of junior class president until another election is held in the fall.

Numerical Results

First election:

<u>Senior Class President</u>		<u>Senior Class Secretary/Treasurer</u>	
Delwyn Gilmore	30	Bonnie Wallace	24
Andrea Mejia	28	No	18
Rob Hanna	16	Stephanie Buck	17
Deepi Brar	7	Lanny Boswell	15
No	5		

<u>Junior Class President</u>		<u>Junior Class Secretary/Treasurer</u>	
No	36	Amit Mehra	63
Dan Frumin	34	No	20
Stephen Heise	15	Write-ins	6
Write-ins	9		

Second election:

<u>Senior Class President</u>		<u>Senior Class Secretary/Treasurer</u>	
Andrea Mejia	41	Bonnie Wallace	26 - 10 = 16
Delwyn Gilmore	37	Stephanie Buck	17 - 6 = 11
		Lanny Boswell	22 - 20 = 2

Lanny Boswell, ASCIT Election Chairperson (not a vote counter)
 Betsy Marvit, ASCIT Election Committee (vote counter)
 Mike Nassir, ASCIT Executive Committee Chairperson (vote counter)

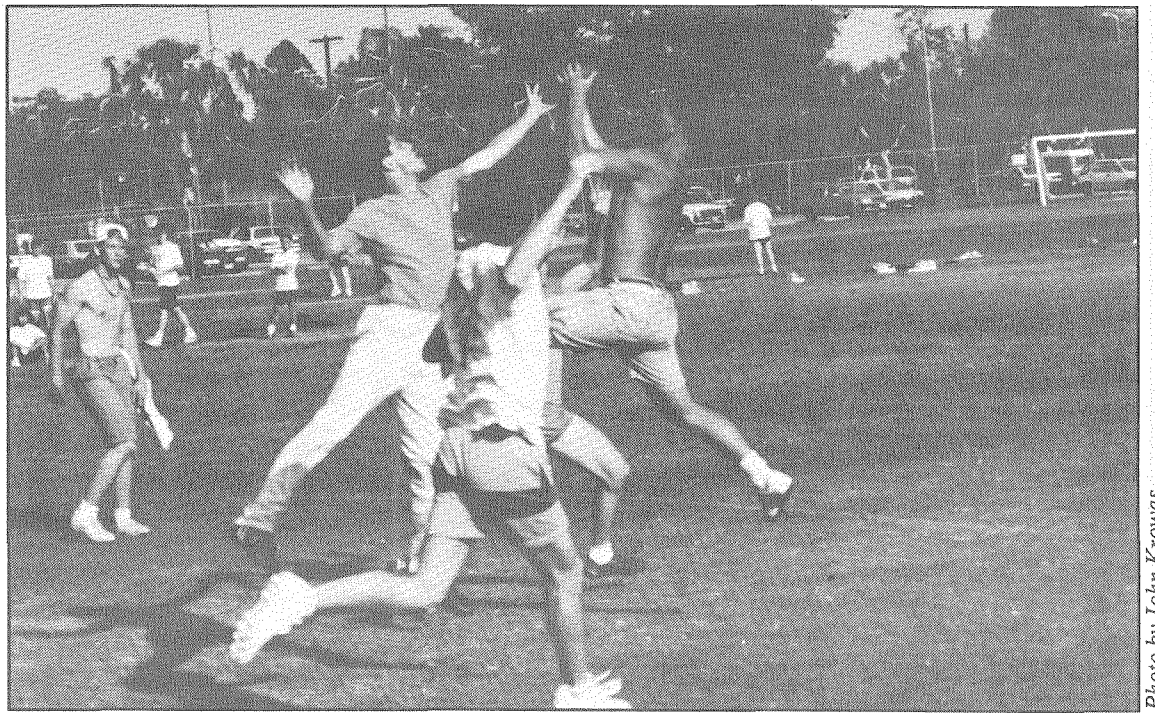


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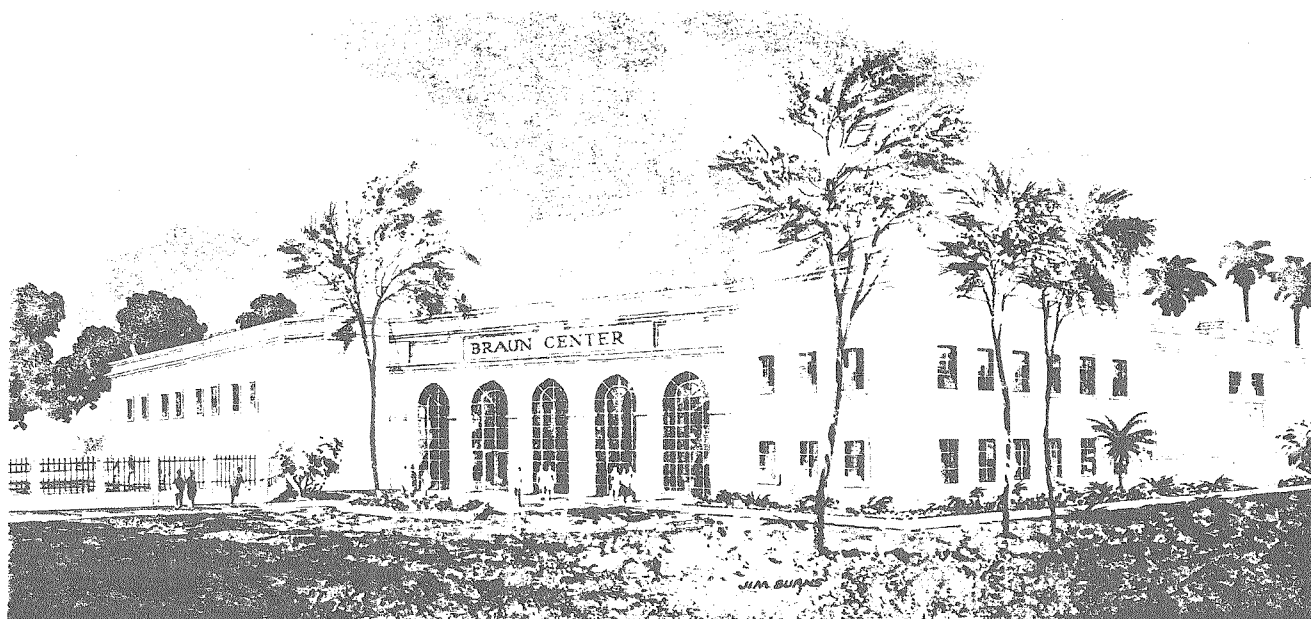
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New Gym from page 1

After commencement, the construction crews will begin by re-routing the underground utilities in the area. According to plan, the existing weight room and women's locker room building will be renovated and developed into the new Braun Center. Early in September of 1991, they will be digging footings for the building and pouring foundations. In October, walls will be erected around the outside. So far everything appears to be on schedule, and occupancy will follow shortly after dedication in June of 1992.

The athletics department is looking forward to '92 summer programs in the new facility.



*Artist's
conception of*

**Braun
Athletic
Facility**

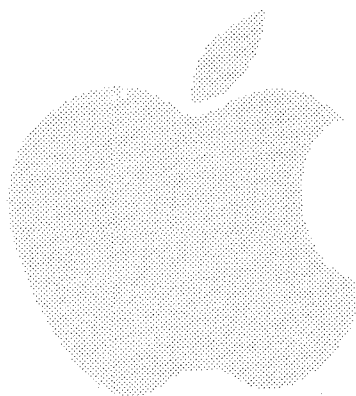


CONGRATULATIONS

to the

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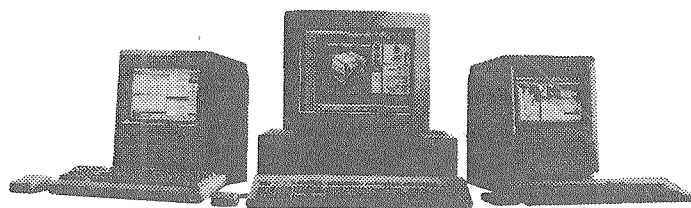


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Master Plan from page 1

The neighbors' main concern was to maintain a friendly interface on the boundaries of Caltech in order to retain or improve their own property values and standard of living.

The result of the three year process can be found in the 105 page booklet which details the Master Plan itself, as well as the contributing factors, goals, restrictions, and guidelines.

What came of the process was a very flexible framework within which to work. The land has been classified in terms of general types of structures which may be built, but nothing specific must be built on any specific plot by any certain date. This freedom allows Caltech to continue its dependence on donations for funding of new buildings without going to the city for approval on each new building.

Current and Future Steps

The first steps along the path mapped out by the Plan were the construction of the Beckman Institute and the planned construction of the Braun Gym facility. The next project which has received a pledged contribution is a new engineering building.

Before any new buildings can be built after the gym, a new power facility and added parking must be constructed. The site chosen for this use is the east side of Holliston Avenue (see diagram above). The targeted site makes sense for efficiency of power supply as well as a sensible organization of all future campus facilities.

The power facility is necessary because the ability of the Central Plant to facilitate campus has been completely exhausted with new

construction. An added bonus comes in the potential for increased efficiency for a second power plant located across campus from Central Plant.

The parking is necessary because the city requires a certain amount of parking based on square foot-

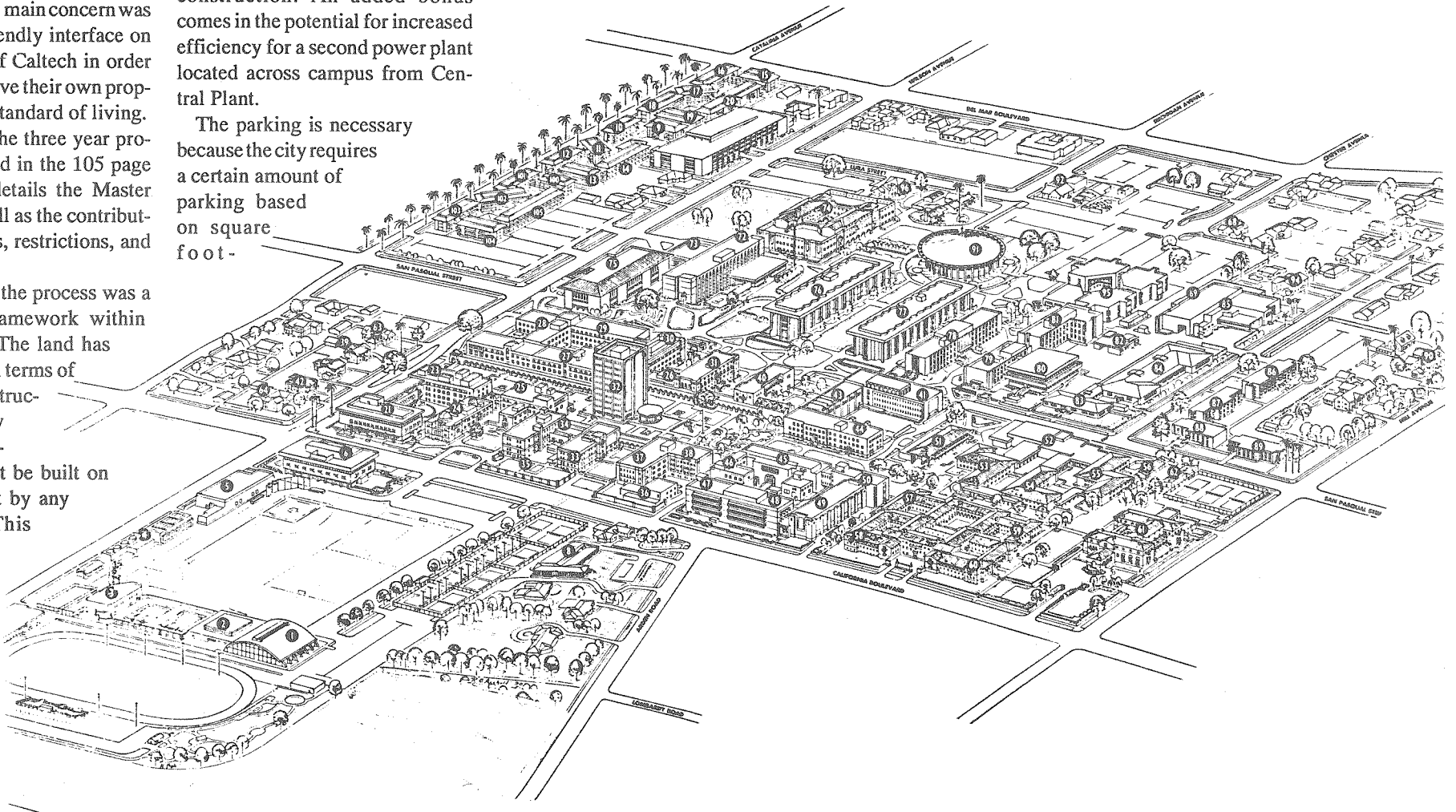
age of facilities, usage of the campus, and other population-based statistics. Another necessity arises because most plans for new construction on campus would require destruction of current surface lots.

Unfortunately for the undergraduate population, this logical series of connected steps, while fulfilling the needs of Caltech, puts a heavy drain on undergraduate housing. The on-campus houses are losing off-campus, affiliated housing currently located on Holliston.

It remains hard for undergraduates to take solace in the fact that these comfortable, off-campus spaces are disappearing in a classic scenario of destroying a house to build a parking lot.

The bad news is that the homes lost this year will not be the last to

See page 6



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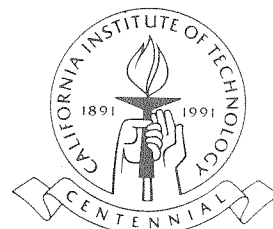
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Master Plan from page 5

go. The planned use for the property along Holliston means the eventual loss of all of the single-family dwellings, with only a few possible exceptions.

The good news is that, eventually, more housing will be made available for undergraduates in a structure as permanent as the current undergrad Houses, the planned engineering building, or any other established fixture of campus. The Master Plan even states: "The goal of the Master Plan for undergraduate...housing is to provide Caltech-owned facilities on campus to house: 100% of the undergraduate body..."

This is where the flexibility of the Master Plan becomes sticky. Although there are plenty of spaces where a housing structure could be built, there is no set location, no set plan, and most importantly, no donation ear-marked for such a purpose.

This makes solid reassurance impossible for undergraduates feeling victimized by the loss of housing and the unrelated increase in the number of incoming students next year. Until a pledge is received which can provide for a housing structure, no such structure can even be discussed, more or less built to ease the latest crunch.

Because of the various city codes and the way master plans are treated, a change in the Master Plan in order to allow for immediate resolution of housing problems is impossible. Greg Van Der Werff explains, "To alter the Master Plan is an enormous effort, now."

ous effort, now."

To make a significant alteration at this point means throwing the whole plan away and starting anew for Pasadena approval. Only currently is Pasadena even beginning the arduous task of providing for the ability to amend master plans in the future.

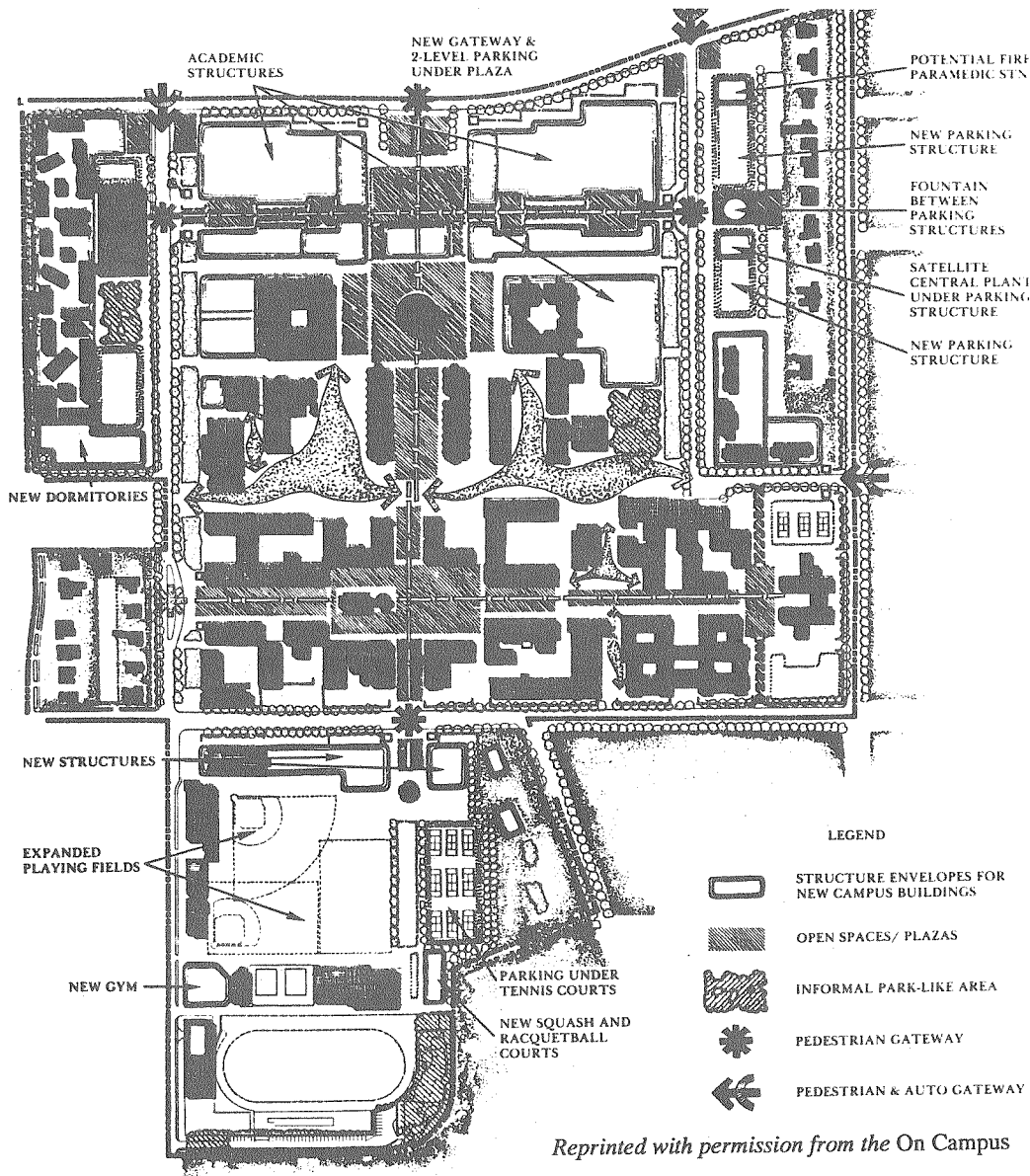
The end result is that the current undergraduates must suffer through some rough times until new construction comes along to provide for their successors. This does not mean the students should sit idly by; the answer lies in working within and around the Master Plan in order to acquire immediate relief and to speed future projects.

The Office of the MOSH, the Housing office, and others within the administration are working together with students to try and provide some immediate relief for housing. There are hopes of acquiring single-family homes for undergraduate use for a few years, plans for better use of current housing facilities, and assistance available for those who must look outside of the Caltech system.

Also, many interested parties are investigating how to better control numbers of incoming students to prevent future housing crunches.

In short, there remains an unspoken commitment to assisting the undergraduates from many areas of the administration.

In addition, the Master Plan suggests, "The percentage of the undergraduate and graduate student body housed in facilities on campus, whether dormitories or single-



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family houses, should never drop below the percentage housed on campus at adoption of this Master Plan."

As the inclusion of single-family

homes implies above, the use of 'on-campus' here refers to more than just the 7 undergraduate dorms located within the current boundaries of the fully-developed portion of campus.

This statement from the Master Plan, taken in the proper context and tempered by information about the trends of students desiring

Caltech housing versus independent housing, can hopefully lead to a meaningful understanding of what can and will be done to ease current problems.

For more details on the Master Plan, a copy available in Millikan. If that copy becomes scarce, others can be made available through Greg Van Der Werff's office.

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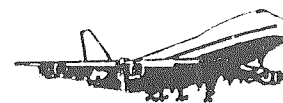


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Y NEWS

If it's finals week, it must be Decompression! Saturday and Sunday night, as usual. Come enjoy loads of food, drink, chili, and entertainment. On Saturday night come laugh with/at Ron Darian, a fabulous comedian. And on Sunday bring you spare change for the annual Lost and Found Auction. Decompression! Come get the last good food before Gary's final farewell.

If you need to buy movie tickets for tonight, or anything else, make sure you come up to the Y by 4PM, because we are closing early (today only).

If you are staying here for the summer, think about joining the summer Excomm. Do you have a trip or activity you would like to see happen? Then come be part of the summer Excomm. and have the backing to turn those ideas into actions.

Also this summer, the Y has tickets to Americafest at the Rose Bowl on the 4th of July. Only \$12 for an evening of fireworks and entertainment. We also have camping equipment for rent for your summer camping fun. Come up to the Y, in Winnett center above the bookstore, for more details. Or call x6163 and ask questions. We may not know all the answers, but we like to talk on the phone....

Caltech Ultimate

LAY OUT!! The Caltech Ultimate Machine is at long last forming with hopes of participating in Ultimate tournaments throughout the Southwest. We encourage all disc-hucking undergrads to come practice with us on the north athletics fields Tuesdays and Thursdays from 4-6 PM. See ya there!!

Scholarship Listings

The Financial Aid Office has applications and/or information on the following scholarship. All qualified students are encouraged to apply. Our office is located at 515 S. Wilson, second floor.

The Desk and Derrick Club of Bakersfield scholarship is granted annually to a resident of Kern County. The application should be submitted in letter form which must include the applicant's major, name of university, outside activities, etc. Special attention will be given to scholastic ability, the level of school and non-school activities and financial need. References from teachers and/or counselors should also be included. Application deadline is August 1, 1991. Applications should be mailed to Jan Walker, Chairman, Desk & Derrick Club Scholarship Committee, P.O. Box 11164, Bakersfield, CA 93389

If you have any questions, please come by the office or call x6280.

Women's Group

The Women's Support Group meets Sundays at 7:30 PM in the MOSH's office. All undergraduate and graduate women, as well as faculty are welcome to discuss the concerns and stresses of daily life in an informal and personal setting. Discussion is moderated by Dr. Lynda Morck, a clinical psychologist. For more information, call Jennifer Jungkuntz at 564-8545 or Yu-Chien Kuo at 578-9504.

SEDS EVENTS!

While our meetings are over for the year, SEDS activities will remain in full swing throughout the summer. We have an ice cream social on June 7. A number of members will be attending the solar eclipse on Baja this July. For more information about any activity, call Phil Rosenthal at 577-4664.

Folk Dancing on Campus

The Caltech Folk Dancers invite you to come and join us for folk dancing on Tuesday nights in Dabney Hall Lounge. Dances are taught from 7:30 PM to 9:00 PM, with dancing from 9:00 until 11:30 or midnight.

Attention PRE-MED Students!

There will be a meeting with Dr. Marlene Coleman at 4:00 PM on June 10 in the Health Center Conference Room. All pre-med students should attend, especially juniors. Please call the Health Center (x6393), if you are unable to attend or if you need to talk to Dr. Coleman before the meeting.

The Arroyo Singers

The Arroyo Singer's women's chorus, directed by Will Aardappel, will celebrate their 30th anniversary with a concert of "Music of the '30s" by George Gershwin, Cole Porter, Jerome Kern, and Duke Ellington on Sunday, June 9 in Dabney Lounge at 4 PM. The group will have instrumental accompaniment by piano and the Steve Warner trio. Refreshments follow the concert. Tickets are \$6, \$5 for students and seniors. For information call (213) 256-5332.



what goes on

Announcements for *What Goes On* may be submitted on forms available outside the *Tech* office (SAC room 40A) and in the copy/mail room (SAC room 37), or use a plain piece of paper. Send announcements to 40-58, or put them in the IN box outside the *Tech* office. Announcements should be 75 words or less. Indicate the date(s) the announcement is to run. Announcements for the current issue must be received by 5 pm Tuesday. Announcements will be published as space becomes available and will be chosen according to size and interest to the Caltech community. Announcements for commercial events unrelated to Caltech will not be published.

1991-92 Contracts

Come by the Master's Office to pick up your housing contract for next year. Deadline to turn it in for the fall is June 7th.

Learn Karate This Summer

Learn to develop physical and mental strength, concentration, discipline, and confidence through the study of karate this summer. The Caltech Karate Club, the oldest University Karate Club outside of Asia, is offering introductory classes to all members of the Caltech community (students, faculty, staff, spouses, JPL). Classes will meet near the football field MWF 5:30 to 6:30 starting Monday, June 17. Club membership is a voluntary \$20/year. For more information, contact Phil Tokumaru x4461, Howard Pritchard x6537, Heather Friend JPL x4-9731 or David Gabai x4382.

Pasadena Folkdance Co-op

Beginning and intermediate folkdances are taught from 7:45-9:00 p.m. at the Pasadena Folkdance Co-op. The Co-op meets weekly on Friday evenings at Throop Unitarian Church at the corner of Los Robles and Del Mar in Pasadena. The Co-op welcomes all community members to enjoy a relaxed Friday evening of dancing and congeniality. There is a pause for refreshments. A contribution of \$1.50 is requested of all who are in attendance. Dancers are requested to use soft-soled shoes to protect the wood floor.

Bike Shop has Truing Stand

Thanks to the Caltech Service League, the bike shop has a brand new truing stand. Membership is \$5 annually. To join, see Stephen Heise, room 16 Dabney.

Harry S. Truman Scholarship

The Harry S. Truman Scholarship Foundation awards scholarships to juniors who have outstanding leadership potential and intend to pursue careers in public service. If interested please stop by the Dean of Students Office, 102 Parsons-Gates for more information, deadline is December 2, 1991.

Board of Control Hotline

The Board of Control has had difficulties with its phone and answering machine at x6200. If you have left a message at that number and the chair or secretary of the board has not responded, please call again or send your message to Board of Control, c/o the Office of the Dean of Students, 102-31. We hope that these problems have been solved, and apologize for any inconvenience.

Twin Peaks Marathon

Blow off your finals and come to the Twin Peaks Weekend, presented by The Caltech Science Fiction Club. On Friday, June 7 at 7 pm, the first season will be shown (lasting until 4 am) and on Saturday, June 8 at 1 pm, the second season (lasting until 9 am Sunday morning) will be shown. All screenings will be in Room 35 SAC along with donuts, cherry pie, and hot black coffee.

Target Shooting

The Caltech Target Shooting Club was recently established to gather together those members of the Caltech community interested in recreational shooting. In today's dangerous world of international terrorism, and automatic-weapon street violence, shooting skills are an invaluable asset. We hope to provide an opportunity for people to become acquainted with handgun use and safety for their own self defense. The primary role of the club is to organize regular trips to the local gun ranges, provide handgun safety and use instruction, and to purchase equipment for the use club members. All students, faculty and staff are encouraged to sign up for our mailing list. Just drop us a note in our mailbox in the SAC (152-58).

Leaving Tech This Summer?

Students leaving the campus for summer (or for good) are urgently requested to submit a change of address to the campus mail room (104-6) on the first floor of Keith Spalding Building. Mail that is undeliverable will be returned to its sender after 30 days. Don't assume that it will be delivered to your last known address—when you're gone, you're gone!

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Student Organization Funding

Student organizations applying for Alumni Association funding for 1991-92 must do so before June 21, 1991. Applications are available at the Alumni House, 345 South Hill Avenue. Funding is approved by the Student/Faculty/Alumni Relations Committee of the Association Board of Directors. The awards will be made in the fall of 1991. For more information, please contact Karen at ext. 6593.

Gay and Lesbian Discussion Group

Gay, Lesbian, and Bisexual discussion group meets the 1st and 3rd Tuesdays of each month from 7:30 to 9:30 PM in the Health Center. This confidential meeting is open to all members of the Caltech community. The first hour is devoted to discussion of a specific topic, and the remaining hour is open for general conversation and socializing. Refreshments are served. For information, please call 356-8331. Beginning June 4th, we will meet only the first Tuesday of the month, through September.

Centennial Symposium

The Division of the Humanities and Social Sciences has invited members of the Alumni Association to participate in their Centennial Symposium on New Directions in Economics to be held on Saturday, June 8 in 24 Beckman Labs from 2-5 PM. The speakers will be Roger G. Noll ('62), Stephen A. Ross ('65), Mark A. Satterthwaite ('67), and Vernon L. Smith ('49). There will be a reception afterwards.

Come Get Your Disks

If you submitted material to *The Tech* on a disk this year, well then bless you, and come by to pick up your disk or we will use it for something else!

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STUDENT NEEDED for preparation of *Tech* issues mailed off-campus. 2-3 hours work each Friday that *Tech* is printed. Job includes delivery of bulk mailing to main Post Office in Pasadena (access to car required). Call the *Tech* office at x6154 if interested.

JOB OPPORTUNITIES—
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BLIND, PARALYZED MAN, a poet, would like new friends to help with reading and writing over the phone or on tape. Interested in music, nature, history, and health. Your help is much appreciated. Call Richard at (213) 938-5347 or write to 5909 W. 6th St., Hollywood CA 90036.

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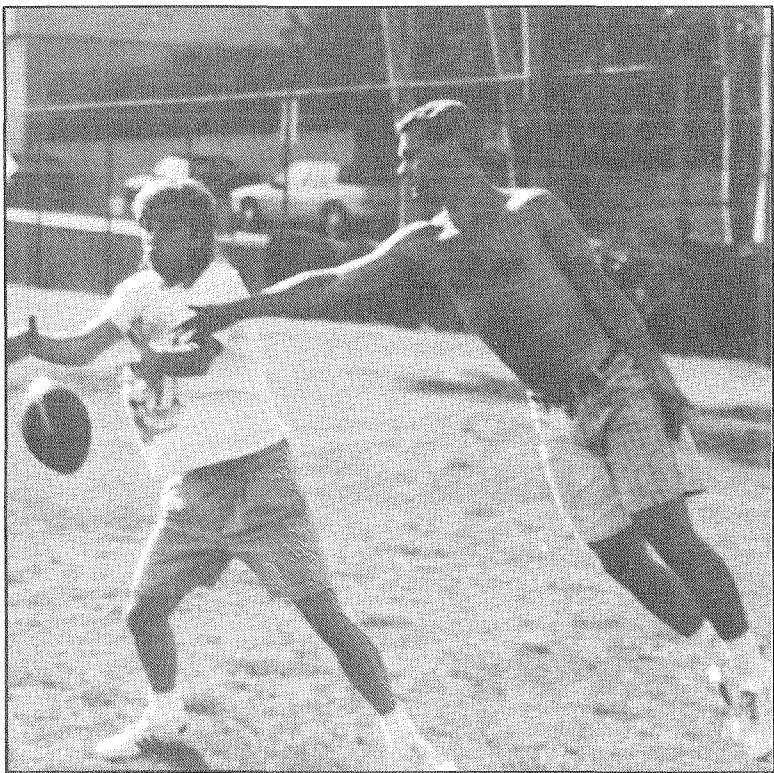


Photo by John Krowas

Football wrapped up Interhouse once again this year. Above, Keith Oslakovic demonstrates model form in blocking a pass. (Ruddock vs. Lloyd game)

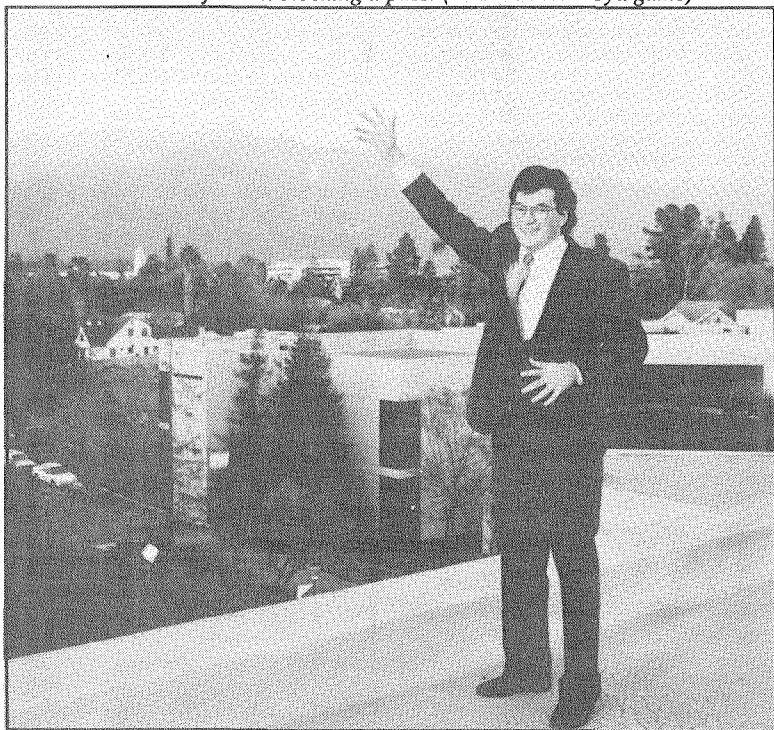


Photo by Julian Chen

Sam Dinkin has bid his last farewell. In the future, he will write bridge columns only in our hearts. Above, he throws cards from high atop Baxter.

Interhouse Sports Wrap-up

1st Term Sports

	Softball		Soccer		Swimming		Overall	
	record	standing	record	standing	score	standing	standing	
Blacker	1-6-0	6 (13.5)	1-5-0	6 (18)	70	4 (32)	6	(63.5)
Dabney	1-6-0	6 (13.5)	0-5-1	7(9)	0	7 (8)	7	(30.5)
Fleming	6-0-0	1 (63)	4-2-0	2 (49.5)	165	1 (56)	1	(168.5)
Lloyd	5-1-0	2 (54)	2-3-1	5 (27)	86	3 (40)	3	(121)
Page	3-2-1	3 (45)	6-0-0	1 (63)	129	2 (48)	2	(156)
Ricketts	2-3-1	4 (36)	4-2-0	2 (49.5)	4	6 (16)	4	(101.5)
Ruddock	2-4-0	5 (27)	3-3-0	4 (36)	31	5 (24)	5	(87)

2nd Term Sports

	Ultimate		Track		Volleyball		Overall standing	running total
	record	standing	score	standing	record	standing		
Blacker	4-2-0	3 (40.5)	15	7 (8)	0-5	7 (8)	6	(56.5)
Dabney	0-6-0	7 (8)	21	6 (16)	1-5	6 (16)	7	(40)
Fleming	5-1-0	1 (58.5)	80	2 (44)	5-1	1 (48)	2	(150.5)
Lloyd	1-4-0	6 (18)	75	4 (32)	3-3	4 (32)	4	(82)
Page	5-1-0	1 (58.5)	150	1 (56)	5-1	1 (48)	1	(162.5)
Ricketts	2-4-0	5 (27)	29	5 (24)	2-4	5 (24)	5	(75)
Ruddock	4-2-0	3 (40.5)	80	2 (44)	5-1	1 (48)	3	(132.5)

3rd Term Sports

	Tennis		Basketball		Football		Overall standing	final results	place	
	record	standing	record	standing	record	standing				
Blacker	1-5	5 (14)	2-4	5 (24)	1-5	6 (18)	5	(56)	176	6
Dabney	1-5	5 (14)	1-5	6 (16)	0-6	7 (9)	7	(39)	109.5	7
Fleming	5-1	2 (42)	5-1	2 (48)	5-1	2 (54)	2	(144)	463	2
Lloyd	3-3	4 (28)	3-3	4 (32)	3-3	4 (36)	4	(96)	299	4
Page	6-0	1 (49)	4-2	3 (40)	6-0	1 (63)	1	(152)	470.5	1
Ricketts	1-5	5 (14)	0-6	7 (8)	2-1-3	5 (27)	6	(49)	225.5	5
Ruddock	4-2	3 (35)	6-0	1 (56)	3-1-2	3 (45)	3	(136)	355.5	3

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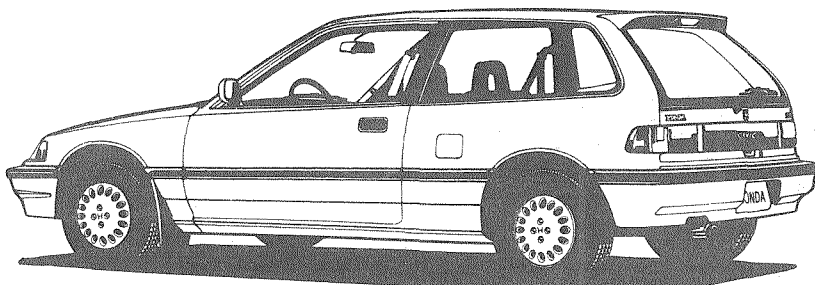
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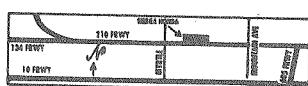
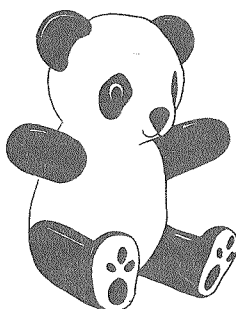
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