



FIRST OF ALL, I want to thank Dabney House for sending these brownies . . .

## Chekhov's Ivanov Opens Wednesday In Ramo

by Marc Donner

Hear ye, Hear ye! The great Zilch has decreed that for your greater listening/seeing pleasure a humongous collection of entertainments and diversions be arrayed for your selection and savoring. First on the list is a delightful production of Chekhov's *Ivanov*. This play will be presented in Ramo at 8:00 p.m. for four nights; Wednesday, February 7 through Saturday, February 10. This is Spectrum Production 3, produced by Dr. Oscar Mandel; directed by Shirley Marneus with sets by Barry Frost ("... from the folks who brought you Puntilla and his servant Matti."). Early cast lists had Warren Vanders in the title role but Nikolai is now being played by Hal Bokar. This, one of the earlier plays dealing with broken or purposeless people, has been classed with more recent works in a similar vein; but many maintain that Chekhov is closer to his characters emotionally and

Continued on Page Two

## State Report Says California Lags In Student Aid

A report to the California Legislature by Fred A. Nelson of the College Entrance Examination Board (Palo Alto) cites a difference of \$1776 per year between tuition at public and private colleges in the state.

The report also found a decline in 1971-72 freshman applications ranging from 4% at some independent colleges to 24% at others.

According to Nelson, "Many of the independent institutions believe the primary cause of their current financial crisis is the high tuition. The tuition is said to be too high both in absolute terms and in relation to student charges in public institutions."

"Despite the size of California's expenditures in student aid programs, there is some evidence that California's 'effort' in supporting student assistance programs lags behind that of many other states. Four of the states (Vermont, Pennsylvania, New York and Illinois) spend three times or more per

Continued on Page Two

## Easy Come, Easy Go

# ASCIT Down Another £260

by Gavin Claypool

"Entertainment that's worth the price of admission" again appeared in Winnett Lounge Tuesday afternoon when the ASCIT Board of Directors held their weekly gathering.

The somber point of the meeting was when it became apparent to the BOD that they would most likely be in office for a week more than planned. Because of the likelihood of runoffs resulting from next Monday's elections, the installation of

the new BOD was changed from February 7 to February 13.

El Kondor Moola

Elections Chairman Lee Kondor got the ball rolling, by asking the BOD for .035K\$ to pay ballot box watchers. Kondor claimed he was unable to get volunteers, or even paid mercenaries for less than five bucks a head. Magnanimously, Kondor volunteered to work without pay, but the BOD (in a gigantic display of financial concern) volunteered themselves or prom-

ised to suck in frosh to watch free.

Acting Treasurer Dave Peisner reported that the Dillard's agency was going to keep the \$625 deposit; President Joe Morin (or someone) will try to contact the Dillard's directly to beg for leniency (and cash).

Russ McDuff and Sharon Spivak are having a party.

Rik Smoody announced his intention to travel. First stop: Oklahoma. Hey, Rik, come back soon, okay?

# The CALIFORNIA Tech

Volume LXXIV

Pasadena, California, Thursday, February 1, 1973

Number 16

## Presidential Candidates Sound Off On Issues, Policies, Finances, Corruption

by Dennis Mallonee

The following statements are excerpts from interviews conducted on January 30 and 31. Hopefully they contain the gist of the ASCIT Presidential candidates' ideas.

✓

**TECH:** Since the ultimate responsibility for all ASCIT activities rests with the President, what would you do if elected to prevent financial disasters of the order of the MacDonalld Concert?

**Mark Johnson:** The first thing I would do is make sure I kept in very close contact with whoever is running our social program. If we did something like concerts again, I'd want to make sure that the concert had a large probability of drawing Caltech people. Of course, we're going to have to tighten the budget a little. We're going to be about \$2000 short next year.

**David Drake:** In the Country Joe example, the students weren't even asked who they really wanted. In other financial

deals like that where it costs a considerable amount of a term budget, it should involve more contact with the student body.

**Andy Dowsett:** It's very hard to poll the student body on things like these, but I think in general maintaining a good control and making sure that the treasurer does his job is pretty much enough to make sure the budget doesn't go bad. A responsible treasurer is the primary thing to have. Even if you have one you have to keep an eye on him.

✓

**TECH:** What do you think ASCIT's greatest problem is, and how would you try to solve it?

**Drake:** I'd say that ASCIT's major problem is itself. It has to relate to its student body. It's not clear that it's been doing that. It has to apportion funds to student groups fair and liberally. People like to say that Techers are apathetic, but in reality, they're not. A great many of them belong to organizations of one kind or another. ASCIT's great responsibility is to provide a better social life for Techers.

✓

**TECH:** Last year the BOD Continued on Page Two

## News Briefs

# BOC To Hold Interviews For Opening

Next Sunday, February 4, the Board of Control will interview applicants for the two at-large positions on the BOC. Those selected will serve until next year's ASCIT elections. If you want to apply, please notify your house BOC rep or Bryan Jack at Blacker (449-9910). Interviews will be about twenty minutes long and will be scattered through the evening, starting at 7:30 p.m. in the Y Lounge. If you are interested, please let the Board know by Saturday night.

## ASCIT Books Close Monday

Anyone who has financial transactions pending with ASCIT should complete them before Monday with the ASCIT treasurer (238 Page).

## Bridge Killing Bridge?

Bridge club meets 7:30 p.m. every Wednesday night in Clubroom #1. No expertise required Duplicate bridge - usually pairs; lasts about 2½ hours. If there isn't some interest and warm bodies showing up soon, the bridge club could die again.

## Public Invitation To Everyman

Dr. Morris Fiorina, professor of political science at Caltech, will join two members of the House of Representatives in a Pasadena program on congressional reform on Friday, Feb. 9. The public is invited.

Reps. Jerome B. Waldie, D-Antioch, and Paul N. McCloskey, R-Portola Valley, will speak at

the event, to begin at 8 p.m. in the Neighborhood Church, 301 N. Orange Grove Blvd., Pasadena. Common Cause, the League of Women Voters of the Pasadena Area, and the church are jointly sponsoring the meeting as a public service.

## Air Force Captains Speak on Air Force

At 4:30 p.m., this Tuesday afternoon (Feb. 6), three Air Force Captains (a pilot, a woman meteorologist, and a microbiology-zoologist) will talk about differing career opportunities in the U.S. Air Force. In addition, Major Mike Berta (a post-Doc here at Tech) will also be speaking. Anyone in the Caltech community is invited to attend

Continued on Page Two

## Trip.



SECOND OF ALL, I want to ask you, Gene Shoemaker, just what kind of Geology field trip this is?

Editorial

# No Big T?

College traditions just aren't the same as they were a generation ago. Homecoming, proms, and yearbooks no longer have the same appeal to college students today. And unless there is a sudden reversal of this trend, Caltech will join the list of yearbook-less institutions.

The Big T has been around over fifty years, but the current crisis seems to be at its worst. The problems facing the 1972-73 book were brought out in the last issue of the Tech, so we won't repeat them here. But the question of whether The Big T should continue at all needs to be discussed. We hope the new Board of Directors will recognize their responsibility in this matter, and take the appropriate steps.

We think a "yearbook" should still be published, for several reasons. One main reason is the history therein, particularly in the House write-ups. These pages appear to be the one outstanding difference between The Big T and most other college annuals. Undergraduate life revolves around the student houses, and to lose such an efficient way of recording the year's happenings would be a crime. (Usually they turn out to be of great anthropological interest, too.)

We feel that it's time to take a good, hard look at the rest of the yearbook's contents. Tech is not immune to the trend away from yearbooks, and some colleges have revitalized their annuals through a change in format. It's time for ASCIT to consider doing the same.

All of this, however, will not save the 1972-73 Big T. It's a major project to get out a decent book, and no one or two people can do it. Apathy is an old companion of Teachers, but yearbooks don't grow on trees. Unless help arrives, and arrives soon, there will be no 1972-73 Big T. And we don't want that to happen.

-Gavin D. Claypool  
Peter W. Beckman

## Student Aid-

Continued from Page One  
capita than does California."

A study released last week by the Joint Committee on the Master Plan for Higher Education revealed a difference of \$245 million between available student aid and the financial needs of students who are currently enrolled in California's public and private colleges and universities.

These two reports are among a series of studies being released prior to February 18 when the legislative committee will publish its findings and recommendations regarding higher education.

## News Briefs-

Continued from Page One  
this talk at the AFROTC building (between the Housing Office and Athenaeum tennis courts).

### Human Figure in Baxter Gallery

Baxter Art Gallery will be exhibiting "Twelve Painters and the Human Figure," a collection of a dozen California photo-realists, from February 9 to March 10. Gallery hours are Monday through Saturday, 9 to 5.

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## Interview-

Continued from Page One  
talked about an "open-Door" policy to justify moving the ASCIT office down to the first floor of Winnett. What do you think of that idea?

Dowsett: I think it's a good idea as long as there are people in the ASCIT offices to talk to.

Johnson: It's without a doubt a good idea. The problem is that while the door is open, there often isn't anyone on the other side of it. ASCIT officers have classes to go to, they have homework to do, so they're most frequently not in their office. If I were elected, I would, of course, continue an open door policy whenever I was in the office. I'm on campus; I'm almost always in my room or in the lounge. I would encourage people to come and talk about things.

Drake: It's only successful if there's someone there to talk to, I guess. It's the wrong route, though. I would like to try the other route. If elected I would try to prowl the alleys of a house and if I find a punt I'd like to join it and ask them what they want to do. Rather than having them try to find me, I'd like to stay in contact with the student body.

TECH: Do you think the Big T should continue?

Johnson: I think the yearbook is worth continuing. Maybe the Caltech community would be willing to pay a little bit more to subsidize the people who work on it. Or another possibility would be to scale down the effort put into the book, maybe cut down the size of the book a little.

Drake: Absolutely, no question. We're going to have to find really dedicated people to keep it up. Each year the new editor has been met with the backlog of the previous year. If we could get caught up...

Dowsett: If and only if there are enough people willing to work hard enough on the Big T to get it out by the right deadline. I think this idea of keeping it months and months after the deadline is absurd. If we can become convinced that we can get a Big T out on time, then we should do it. Otherwise it's not worth the seven or eight dollars students are paying for it.

## Spectrum 3: Ivanov

Continued from Page One  
so makes their stories less depressing. Spectrum is a non-profit corporation whose goal is to provide productions of unusual plays of "high literary merit;" tickets are not expensive and the experience should be enjoyable.

Next Saturday (February 3) Teodoro Morca will dance in Beckman Auditorium. Morca specializes in Flamenco, and from the information available he does it quite well. The performance starts at 8:00 p.m. and tickets will cost Caltech Students \$1.

Be reminded that Sunday, February 4 in Dabney Lounge the third Dabney Lounge Chamber Music Concert will be held, featuring the music of Couperin, Carter, J. S. Bach, and Telemann. (Free)

Please note that the Vienna Choir Boys will be in Beckman on February 10 (a Saturday) and tickets will cost you \$2.50.

## Today is February Fools' Day. Here is a list of all the February Fools.

### PRESIDENT

- ANDY DOWSETT
- DAVE DRAKE
- MARK JOHNSON

### VICE PRESIDENT

- BRYAN JACK

### SECRETARY

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### TREASURER

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- PAUL MANIS
- GARY WAKAI

### ACTIVITIES CHAIRMAN

- ED O'ROURKE

### BOC SECRETARY

- ALAN SCHILLER

### THE CALIFORNIA TECH

#### EDITORS

- GDC-EHE-DLM

## The CALIFORNIA Tech

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NEXT WEEK: **KLUTE**

# Caltech Hockey Club Beats Northridge, 6-3

by Dan Margoliash

The Caltech Hockey Club celebrated the opening of the 1973 league season with a victory over the Northridge team last Tuesday. Leading the way was center Willie Lennard with a hat trick (that's three goals in a game, hockey fans)! Fred Culick, Janis Gulens, and Bob Gardiner all gunned for one goal each to round out Tech's scoring in the 6-3 decision, which was really 6-2-1 since the (incompetent) referee awarded Northridge a goal that never went in.

### Flankers

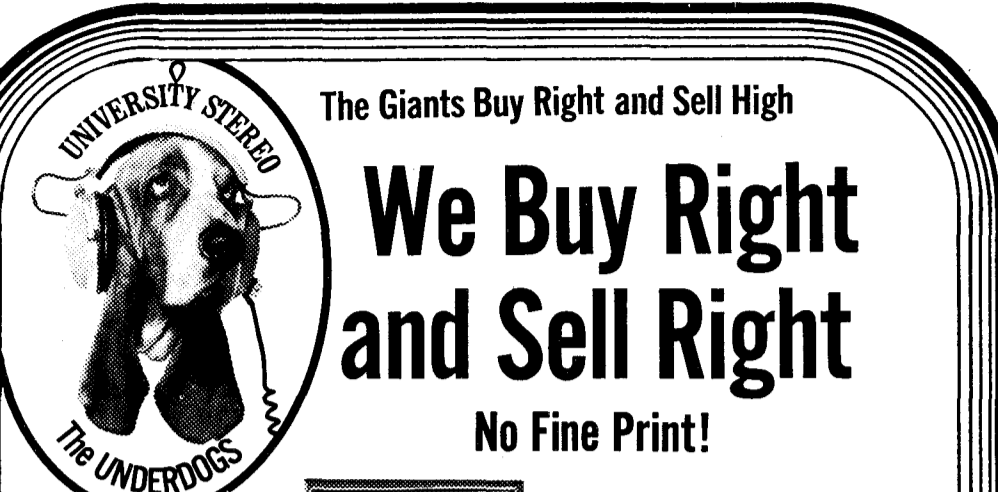
Flanking Lennard were Culick and penalty-man Cliff Brown. Larry Ford and Byron Davies were wingers on the line centered by Bill Haris, while George Yates

and Leigh Moyls were wingers on the line centered by Gulens. Ken Bichford and Alan Vetter also played forward. The defensemen were Gardiner, John Rogers, Ed Beckman, Dale Evans, Russ Timkovich and a Mystery Man. Dan Margoliash was in the nets (i.e., the goalie).

Fans and admirers are encouraged to show up for future games against the following victims: Northern Arizona University (Feb. 18), U.C.L.A., San Diego State, West Covina Men's C Team, Northridge (Feb. 11). Incidentally, Tech has won all its exhibition games this year (both of which were against West Covina), by scores of 7-2 and 4-3.

## Fleming Ate It Sunday

Thursday, February 1			
4:00 p.m.	INTERHOUSE TRACK FINALS		
Saturday, February 3			
6:30 p.m.	JV Basketball	Pacific Christian	Away
8:15 p.m.	Varsity Basketball	Pacific Christian	Away
Wednesday, February 7			
4:00 p.m.	Wrestling	Whittier	Home
6:30 p.m.	JV Basketball	Redlands	Home
8:15 p.m.	Varsity Basketball	Redlands	Home
Thursday, February 8			
4:30 p.m.	Golf	Team Meet	Home
Friday, February 9			
4:00 p.m.	Swimming	Chapman	Home
Saturday, February 10			
All Day	Wrestling	Invitational Tournament	at Biola
12:00 noon	Fencing	UC San Diego	Away
1:30 p.m.	Varsity Tennis	Cal State Dominguez Hills	Away
6:30 p.m.	JV Basketball	Pomona-Pitzer	Home
8:15 p.m.	Varsity Basketball	Pomona-Pitzer	Home



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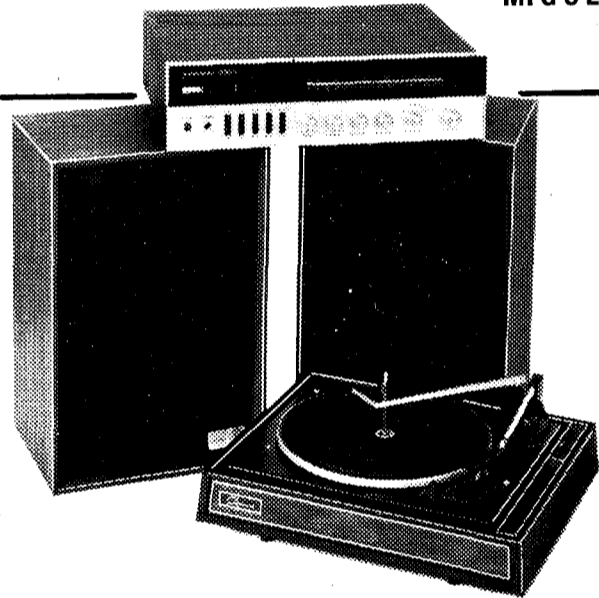
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**Tech Speaker**

**Babcock Claims 'Political Paranoia' Fostered by Government Men**

John Babcock, co-anchorman on KABC Radio's new "News-talk" warned in a seminar held in Baxter Hall, January 17, that "there is a political paranoia which is being fueled by members of government who see conspiracy and intrigue in the reporting of everything from White House news conferences to auto accidents.

"These critics fail to understand that as an industry, journalism succeeds or fails in the market place in any attempt to shove a singular point of view down the throats of an unwilling audience is a guarantee of anonymity.

"Critics of the media run from those who honestly take issue with what they perceive to be distortions to those with sinister motives seeking to eliminate public inspection of their conduct of public business.

"Journalism, too frequently in awe of its own mission and power, must end its sanctimonious retreat into silence and let the public know just how it gathers, edits and distributes information.

"In the final analysis," concluded Babcock, "Whether we are good or bad or angry or passive, accurate or distorted, we are all you have. We are the only conduit of information between the public and the men who make decisions involving our lives. We must preserve a free flow of information."

**Swimmers Lose 78-15 to Claremont**

by I. M. Wett

The Caltech swimming team suffered its second SCIAAC defeat last Friday as Claremont-Mudd prevailed, 78-15. The Claremont swimmers, forming one of the best NAIA teams in the nation, won ten of the eleven events.

Although the Techers lost the first seven races, many of these were exciting. Tech's medley relay team almost upset the Stags, as the first three men build up a three-second lead. Only a strong effort by the Claremont anchor man saved his team from great embarrassment.

**XXS XL**  
Soon after this, Francine Wetter (no relation to the author) celebrated her birthday with a third place in the 200-yard freestyle. She thus became the first girl to score for a Caltech "men's" intercollegiate team.

In the next event Patty Perigo became the first girl to false start for the Tech swimmers. This was not a wasted effort, though, as a CHM swimmer was drawn in also.

**Male Chauvinist Stags!**

Despite the efforts of Francine and Patty, Claremont still refused to give the girls a locker room of their own. But what do you expect from a school that calls its team the Stags?

Howard Bubb was the only Techer to win an event, with a

split-second victory in the 200-yard backstroke. This victory followed Steve Bitondo's second place in the 100-yard freestyle, as this pair of events accounted for 60% of Tech's points.

**Three Get Two Thirds**

No other Tech swimmer placed better than third. Max Kay received thirds in the individual medley and the breast-stroke, Bob Miller finished third in the two sprints, and Bob Kieckhefer was third in the two distance events.

Last night the swimmers went after their second victory of the season in a home meet against UC Riverside. The next meet will be on Friday, February 9, against Chapman College.

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**SNEAK PREVIEW**

Intel is coming to Caltech on February 5. And there are some facts you should know about us before we arrive.

For instance, in just 4 years we have become the leading manufacturer of solid-state semiconductor memories. We achieved profitable sales of \$20 million in 1972. We will do twice as well in 1973. And we offer all of our people a genuine opportunity to contribute and develop. At Intel, every person counts.

We will be interviewing female and male graduates for several different kinds of positions. They include:

**JUNIOR ENGINEERS**  
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**ADMINISTRATIVE ASSISTANTS**  
Your varied responsibilities will include providing follow-up, support and reporting activities for one of our managers. Some training in statistics or mathematics preferred. Positions involve some clerical duties. Typing helpful but not required.

Sign up now at your Placement Office. If you can't see us on Feb. 5, we invite you to send a resume to our Personnel Office, 3065 Bowers Avenue, Santa Clara, California 95051. We are an equal opportunity employer.

**intel**

**Let Your Imagination Soar**

If you are interested in applying your technical specialty to a problem seeking extremely creative solutions—read on:

*The Problem:* To create a game playing device that sets up a competitive situation between the device and one or two players.

*The Parameters:*

1. A coin operated, goal oriented game the length of time of which will be governed by a digital counter;
2. A game that can withstand constant use in a public area;
3. A game that looks futuristic and might employ various devices to achieve intriguing effects, i.e.: electrical charges, air jets, gravity units, visual screens, colored gases & liquids, lasers, etc., etc., etc.

*We hereby publicly guarantee that the participating individuals' rights will be fully protected, and that if we proceed with development a royalty agreement will be signed by all involved parties.*

If you are interested we urge you to call while allowing your imagination total freedom for creation.

Call eves. 980-5342  
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