"I just want my way."

California Tech

Volume LXX
Pasadena, California, Thursday, February 27, 1969

Number 19

Sun Andreas Blues

Throop Hall Declared Unsafe

by Nick Smith

Alec’s Board of Trustees are meeting Monday to decide on reconverting the campus. The modeling study of Throop Hall showed that it could not stand a major earthquake. In 1910, the main building of Throop Polytechnic Institute was dedicated Pasadena Hall. This building was renamed Throop in 1939, when it became Alec. As the various departments spread out, Throop became the administrative center of the campus. For 50 years, Throop has served many functions, ranging from an office building to a publications center.

IT Research ‘Strike’

Issues Call For Awareness

According to Science magazine, March 4th will see a voluntary research halt by grad students and faculty in the physics department at MIT, but the plan has the support of individuals in biology, chemistry, linguistics, and electrical engineering. These sig-natories included Victor Weisskopf (physics), P. Morse, H. Feeb-bach (both in physics); Noam Chomsky (linguistics); S. Lurie (biology); and J. Y. Leavitt (elec-trical engineering).

Plans are for a convocation on the day of the fourth, dealing with the role of the scientist with regard to political action. Sen. George McGovern is slated to speak on recovering the American economy from defense to the present.

MIT Research ‘Strike’

by Kevin Savage

There is a new bureaucracy forming on campus. It is composed by-weekly with students from Caltech, UCLA, and USC. The ASCIT RESEARCH CENTER is now a tri-campus organization with a smoothly functioning director of Jim Beck. It is sponsored by a campus-wide group several student research projects in the same style as the original ASCIT RESEARCH PROJECT. Although the ARC is limited to funding any given project for a maximum amount of $600, it can offer guidance gained by experience. However, the ARC is not an umbrella for foundations for the rest of the money needed for any given project.

There are, currently before the ARC, six proposals for consideration of student groups from UCLA, demonstrating that this sort of activity, although it may have originated on this campus, is no longer a monopoly of this student body. For the most part, the research proposals are not all in the physical sciences. One of the UCLA proposals is for an experimental demonstration of a system of documentary that would be superior to current forms of televised news. The student team thought the pilot film would choose as its topic the history of what was once the home of lockers.

ARC Bureaucracy Meets Twice Monthly

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Dear Editors:

February 23, 1969

The outgoing ASCIT BOD attempted to throw out the
By-Laws of the corporation, as if they attempted to throw a
big omelet on the floor. This is not in line with the By-Laws of the
corporation and, as I will attempt to show, it was not
improper to do so.

1. Minutes of BOD meeting of
February 12, 1969. (Peng-Smith) moved to approve
the minutes of BOD meeting of Feb 17 and 19. Passed 66-0.

2. Minutes for two months do not tell
the story of the ASCIT. The 1968 election turned out
to be a farce as was shown in the By-Laws to
notify the student body seven days in advance of any meeting,
of any legislative action which they propose to take. Passing
such a motion for a new election without prior and proper notifi-
cation to the Student body, and indeed to the candidates them-

self, was clearly unjustifiable. In fact, the only non-BOD peo-
lple present were John Forbes (Pres.-Fleming) and Paul Levin
(Election Chairman). Forbes presented the case for a new elec-
tion. The Board hearing no other arguments, not even from the
candidates themselves.

Second, the action taken was procedurally incorrect and of
dubious legality under California state law. The By-Laws spe-
cifically held that such action (Go, the en-
tire line was left in the air.

The result was that the old Board immediately had to deal
with a very difficult and delicate position for the new
Board. We think that the old Board's action did not reflect its experience and
brought about a very difficult and delicate position for the new
Board.

Craig L. Sarazin
Ira D. Maskatel

Sage Advice: Questions’ Right To Hold New Election

Dear Editors:

In the recent by-laws and elec-
tion proceedings, several actions and
decisions taken of which many people are unaware.
In light of the fact that corpora-
tion decisions involve every mem-
ber of ASCIT, I find this situa-
tion intolerable. I intend to ex-
plain my reasons for the actions
learned from members of the
Board and others in

The second run-off election
between myself and Mr. Break-
stone was thrown into a legal tangle.
Mr. Breakstone, after winning the first
election, was declared the winner by
Dr. H. C. Martel, the secretary, and
Treasurer, of the Associated Students
of the California Institute of Techonology.

However, at least 17 minutes late,
the same meeting was held.
Now the entire student body,
and the newspapers, is interested in
the whole story. I have moved
the By-Laws on the By-Laws of the old
Board in the hope of getting the
students to know what really hap-
penned.

Ira D. Maskatel
Crag L. Sarazin

ASCIT Sec Tells Reasons Behind Board Decision

Dear Sirs:

I would like to express some of my personal opinions regard-
ing the controversy over the recent runoff election for the
second Director-at-Large.

1) It is the duty of the BOD to
make the final decision. The Election
Chairman has to call the election.

2) The complainant's election was
ruled invalid.

3) House was shocked and
taken aback by the suddenness of the
election.

Just You Wait, 'enry Censor

Undergraduates in seven houses were shocked and bewil-
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Letters

A Parting Gift

The Flying Fickle Finger of Fate dropped by Tech last sun-
day and lobbed an enormous egg in the form of a decision by the
new ASCIT BOD. In its final meeting before swearing in the new
officials, the old BOD took action which we consider to be
imprudent and ill-advised.

The Board reversed a prior decision by rescinding its con-
firmation of the result of the Breakstone-Spain runoff for
Director-at-Large. These results (which indicated a victory for Glen
Spain) had been confirmed on February 19 by a unanimous vote
of those Board members present. The Board called for a new
election for the new position. On Monday, March 2

take such an action, in the manner in which they followed, showed
a severe lack of judgment on the part of the old Board.
The first action, was a closed meeting of the BOD. The Board
(Times and date). In a BOD meeting (By-Laws) to
notify the student body seven days in advance of any meeting,
of any legislative action which they propose to take. Passing
such a motion for a new election without prior and proper notifi-
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null
Corporate Suits... (Continued from page 1)
plaints (he bad charges for a good part of the meeting) he was
responded in the affirmative. The
board then approved the rules on
the basis of elections with one motion.

Stern
(Continued from page 1)
paid to fall on the priceless vis-
ble while Stern was performing.

Under the Wrecker's Axe
Alas, McKuen's voice is like
silver. The first time you try it,
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Hooters Shoot Well, Still Lose

The Beavers improved the score the second time around against Redlands but not their shooting percentage. With only 8 less attempts they had 17 fewer field goals for 29% and despite winning 8 more charity tosses, they converted only three more for 68%. Meanwhile, Redlands relatively sized from the field with 50% and from the free-throw line with 77%. With turnovers 22 to 18 against Tech, the score could have been even worse had the Beavers not outscored the opposition 66-47. High scorers were Carrie and Hanson with 13 and 12 respectively, 31% from the field and 56% to the boards and the natural beauty was the contrast among the various types of people. There were ladies in fur, men with cigars, and children in tennis shoes.

The interior of the track is known as the infield. This area is the biggest surprise. It is a large grove area containing flowers, palm trees, betting windows, a bandstand, and a concession stand which sells hot dogs that make one long for Institute.

(Continued on page 7)

Bob Enenstein
Arcadia Civic Center
Horse racing is known as the sport of kings, but what do you know it as? Most of you will probably say it's a sport where the hoards placing bets at the Arcadia civic center—the Santa Anita Base Track. After a fierce struggle to emerge from the race track.

at the base of the grandstand. I was greeted with a sensational
Anita Race Track. After a

institute

110 LA Baptist Caltech 98
111 Oxy Caltech 99
74 SCC Caltech 98
111 Whittier Caltech 99
92 Redlands Caltech 81
122 UCSD Caltech 48
130 LA Baptist Caltech 98
131 Oxy Caltech 99
40 SCC Caltech 83
131 Whittier Caltech 82

The Queen's Nectarine Machine
ABC-666

Feelin' Glad
ABC-655

Puzzle
ABC-671

Strange Brew
ABC-672

Evergreen Blues
ABC-669

Wool
ABC-676

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2. Man The ARC!

(Continued from page 1)

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for your head.
**Grad Given Travel Prize**

Kenneth Jaaboy, a Caltech graduate student in materials science, has won the 1969 Guinier Fellowship for travel in France, the Caltech graduate office announced today.

Jaaboy, 25, is a native of Montreal, Canada, and received his bachelor's and master's degrees in engineering at McGill University in that city.

The memorial fellowship was established by the parents and friends of Daniel Guinier, Caltech graduate student killed in a mountain-climbing accident in Southern California in 1959.

The late student's father, Prof. Andre Guinier, is a professor of physics at the University of Paris. The purpose of the fund is to assist an American or Canadian graduate student at Caltech in becoming acquainted with France, its people, and its culture, by helping him with his travel expenses for a summer stay.

Jaaboy, whose second language is French, will use the $900 prize money to visit France's main art and cultural centers next summer. He expects to receive his Ph.D. degree in June. He also intends to pursue his interest in writing poetry. He will stay in France until mid-September when he will visit central Africa and Asia. He will return to Caltech in 1970 to do further research with Prof. Thad Veedland in dislocation dynamics in metals.

**Fleming Hosts City Players**

Students in Fleming House at Caltech built a bridge between science and the theater arts Feb. 11.

They invited 12 members of the Pasadena Playhouse drama staff and school to dinner and to spend the evening acquainting them with what goes on behind the scenes in the theater. The 12 guests demonstrated the elements of putting a play together, from first readings to the finished performance.

The evening was the idea of Zoltan Toke, Caltech graduate student in biology, who is the Fleming House resident associate.

"In this way," explained Toke, "the players can move out into the community instead of waiting for the community to come to them. And many students here have had little experience with drama and are interested in knowing more about it."

John Larson, instructor-director on the Playhouse staff, headed the group, and has indicated that the Playhouse would be interested in planning similar evening events for other groups in the community.

**Congressmen**

Representative Arnold Olsen (D. Mont.) was joined today 16 House members in introducing a resolution in the House recommending continuation of children, youth and military fares on the nation's airlines. The concurrent resolution expresses the sense of the Congress that special fares now authorized by the Civil Aeronautics Board (CAB) "are consistent with the intent and purposes of the Federal Aviation Act of 1958."

According to Olsen, a Civil Aeronautics Board decision last month by Examiner Arthur Presen that airline youth fares discriminate against full-fare passengers and should be eliminated did not reflect the intent of the Congress in passing the Federal Aviation Act.

"I do not believe it was the intent of the Congress in this Act to prohibit the existing practice of authorizing one-half fare tickets for youngsters between the ages of 2½ and 12 on a reservation basis; of authorizing one-half fare tickets for persons between the ages of 10 and 21 on a standby basis; or of authorizing one-half fare tickets on a standby basis for military personnel on leave." Olsen asserted.

Continuing, Olsen said he feared a CAB ruling upholding the recent decision "would ultimately threaten other special and desirable fares."

"No one would benefit from an elimination of these fares," Olsen said. "As a matter of fact, it would very likely lead to a general fare increase because two of the three fare categories involved apply only to seats which would otherwise go vacant."

**Support Half Fares**

Young people are important, Olsen said. They are important to the airline industry, and Olsen said he feared a CAB ruling upholding the recent decision "would ultimately threaten other special and desirable fares."

**Where's The Party-Party?**

Girls and other high school students were treated to a tour of the campus Saturday which included a live demonstration of Dr. Sherrwood's salad plotting PDP-8, a floor show at lunch, and words of wisdom from Caltech's new president Harold Brown.

**This Year's Guests, Next Year's Frosh**

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**Notice**

**ARC Education Project: Junior High Group**

**Organizational Meeting**

The Junior High School Project will have a meeting tonight at 10:00 p.m. in the "F" lounge. The group is involved in educational experiments in math and English at Wilson Junior High School. Anyone interested is invited to attend.

**TWF to Hold Organizational Meeting Tuesday Night**

The Caltech Physics Club will hold its second meeting this term next Tuesday night, March 4th. In keeping with the cosmopolitan spirit started last meeting, Professor Max Delbruck, a biologist, will speak on 'The Relevance of Solid State Physics to Biological Transducers.' The meeting will be held at 8 p.m. in Professor Delbruck's house (11510 Olive). Professor Delbruck, a professor of Physics, is an excellent example of the axiom: 'Once a physicist, always a physicist.' All are invited to attend this meeting and share in the partaking of our refreshments.

**Totel Lives**

There will be a Totel meeting to discuss what will be included in our first issue this year. The Coffeehouse at 9:30 p.m., Monday night. If you have anything you'd like to contribute, come to the meeting or give your stuff to Jack Fogg or Delbridge.

Al Beagly, a junior, will represent Caltech at the NAIA National Wrestling Tournament on March 5. He won his weight class (179) at the NAIA District 3 tournament by a 7-1 decision. (See Page 7 for details)

(Continued on page 7)
Enstein's Travel... (Continued from page 4)

As casual interest in races, many of whom have a

As all the races.

grass and television features views of

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OPEN TUES. NIH 'Til 9:00 This surly

FREE 933-9551

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I'm telling you, Hiram, put your

money away at Security Pacific Bank. Bucket

seats won't be the
goal any more.

Also Beagle applies a pinning combination at the NAIA District 3 Wrest-

ling Final which enabled him to take First Place in the 191 LB, Weight Class.

Another scene from Security Pacific Bank's "Cutter" sign. The bank that means business

can also mean fun.

Tennis Team Off To Good Start With Victories

When the weather has permitted, the Caltech tennis team has been busy preparing for its season. After a loss to the Terminal Island Navy Base the team came up with a fine win over the University of Southern California Junior Varsity, John Healy, Andy Chow, and Jim Crawford won in singles and Ken Pischel-Andy Chow, Jim Craw-
ford-Dan Smith won in doubles with Greg Evans-John Healy (singles). At Claremont-Mudd the result was a decisive 9-2 win for Claremont. They look like a definite
title threat to Redlands according to a recent issue. Weather permitting 

the team faces Biola on Thursday at 3:00, Occidental on Friday at 3:00; and then journeys to Pomona on Saturday.

Coach Lathis is still looking for a manager and someone to help

with the second team. Interested parties should contact him on the courts.

CLASSIFIED

FOR SALE

3-month old 40 Watt AM-FM Stereo Receiver $85, Large Sansui $150 each, Garrard Turntable $35, Sony Tape Deck $65, Headphones $10. 619-422-5215.

2/3 OFF STUDIO SCOTCH AND AM-
PES RECORDING TAPE. 7" 1800' LOW NOISE POLYESTER REG. $7.00

NOW $1.95; 7" 1800' STANDARD OUTPUT POLYESTER REG. $6.00

NOW $1.50; VIDEO TAPE 1/2 PRICE; CALL FOR FREE CATALOG; MONEY

BACK GUARANTEE.

Dak Sound 984-1559 877-5884

10845 Yanowen, N. Hollywood

Charter Flights

Los Angeles - London - Los Angeles

via Boeing 707 Trans-Polar Jet Round Trip

Depart Return Seat Price

June 18 Sept 9 $255.00

June 25 Sept 14 $259.00

These are round trip air fare only. Mass faculty members, students, and Can-

ton staff of Caltech, eager to see Ar-

menia, Turkey, Syria, Egypt, Jordan, Israel, and Jordan, and the Middle East

and Europe, will be flying. Details in full in

Leah Healy, CAL 2813

For further information, see all details

by Caltech Trip Chairmen, 140 South

Drury, Beverly Hills, Calif.

NAME

COLLEGE

ADDRESS

Faculty Student Staff

SECURITY PACIFIC BANK

Get to know us—Security Pacific Bank

California

1970

E NEW B
"IBM is so involved in the electronics field, I'd always assumed they weren't particularly interested in M.E.'s," says Andy Simon.

Andy got his M.E. degree in 1967. He's now a packaging engineer in memory development at IBM.

Andy found out why IBM needs good mechanical engineers when he went to his campus interview. As electronic packaging gets smaller and packaging density increases, a lot of new problems arise. And the M.E. has to solve them.

As Andy says, "When I design the hardware package for a micro-electronic memory unit, I deal with heat transfer and other thermal problems, vibration and shock analysis, and electromagnetic compatibility. The associated connector design work gets me into stress and creep analysis and Hertz contact stress and evaluation."

Then comes production
That's only part of Andy's job. After his team designs, develops, and produces a prototype memory unit, he has to work closely with manufacturing engineers, advising them on machines and processes to mass-produce the unit.

"It's tough but rewarding work," says Andy, "because the problems change with each new assignment. So an M.E. gains a lot of experience fast. The kind of experience that's bound to help him move up the ladder quickly."

Check with your placement office
If you're interested in the opportunities for mechanical engineers at IBM, ask your placement office for more information.

Or send a resume or letter to Harley Thronson, IBM Corp., Dept. C, 3424 Wilshire Blvd., Los Angeles, Calif. 90005. We'd like to hear from you even if you're headed for graduate school or military service.

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