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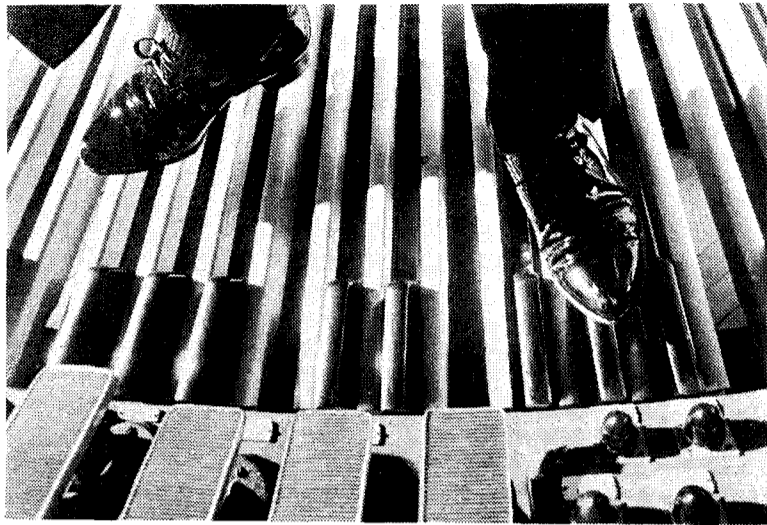
Number 1

Fox Opens Fall Season At Beckman

by Marc Donner

Good news for all you Virgil Fox fans!! He's back! The enthusiasm last year for his two performances (standing room only both nights) convinced Beckman to get him back. This time he will be performing three nights in Beckman Auditorium: Wednesday, Oct. 11; Friday, Oct. 13; and Saturday, Oct. 14. The performances will be held at 8:00 p.m. (All of Beckman Auditorium's offerings will have this new time, one-half hour earlier than last year.) The Revelation Lights will stage a spectacular light show as Fox plays Bach on the two-ton Rodgers touring organ. The organ, built to specifications provided by Fox, has three manuals (six keyboards), 102 stops and can simulate more than 20 instruments. If last year's record is any indication, you'd better go get your tickets at the Beckman Ticket Office before they're all sold out. Caltech and JPL faculty, students and staff get tickets at a discount; all those other poor souls pay \$6.75, \$5.75, and \$4.50. (By the way, a "Corridor of Mirrors" art show will be in Ramo Auditorium during Fox's performance dates.)

Beckman doesn't close down for the year after Fox's performance... oh, no! On October 20 the Fall series opens with Eugene Loring's Los Angeles Dance Theater performing a program of contemporary dance including his famous "Billy the Kid"; Gary Graffman, nationally renowned pianist, follows on October 28; the guitar-playing Romeros on November 11; Emlyn Williams as "Dylan Thomas growing up" on November 17; soprano Carol Neblett on December 9 and Horacio Gutierrez playing the piano on January 13.



Virgil Fox's shoes are not made for walking. Instead, his rhinestoned heels provide accompaniment for his twinkling toes as he hoofs across his organ's pedal keyboard.

ASCIT Is Alive and Well More or Less

by Jim Hugg
ASCIT Secretary

This column is an almost weekly item in the *Tech* and is supposed to be a vehicle for releasing information to students, faculty, etc. about the actions of the Board of Directors (BOD) of the student government (ASCIT).

In as much as you frosh will hear about ASCIT at Frosh Camp and everyone else is familiar with the subject, I will limit this week's column to the few essentials you will need to know.

Make the Scene at Winnett

The ASCIT office is located in Room 107 of the Winnett Student Center. If no one is in the office, then ask for Louise Hood in Room 105 or try the newspaper office in Room 115.

You should visit the Winnett Lounge, which boasts bean bag cushions, swivel and rock chairs, an organ (with earphones), piano, and a free — that's right: free — jukebox. The game room is in the basement of the student center. Keys are available from Louise Hood.

Eat at the Y

The Caltech Y offices are

Injured in Chicago

Feynman Smashes Kneecap

by Bob Kieckhefer

Caltech's premier quantum mechanic, R. P. Feynman, will not be on campus to autograph Red Bibles for at least another week. He has been in Chicago's Billings Hospital since September 6, when he fell victim to a macroscopic kneecap disintegration while attending a high energy physics conference.

Dr. Feynman was at the University of Chicago conference which coincided with meetings marking the start-up of the National Accelerator Laboratory (NAL) in Batavia, Illinois. He was hurrying across a park on

located on the 2nd floor of Winnett. The Y provides a workroom with reproduction materials and other constructive devices. The TV Lounge is located down the hall from the Y office.

Watch the weekly calendar for Y and ASCIT events. The Y even offers an alternative to food service with its frequent sponsorship of famous guests. That's enough. I'll tell you the rest at Frosh Camp.

A Return To Valeron?

Totem, the Caltech literary-art magazine, is now accepting items for a fall term issue. Anyone vaguely connected at all with the Institute is invited to contribute.

Short stories, poems, drawings, photographs, doggerel, etc., are welcome. They can be sent to, or thrown at Philip Massey [Ruddock], Kathy Lohr [Dabney], or Bob Coleman [Ruddock]. Subscriptions (which are currently undefined as *x* issues for *y* dollars) can be arranged with Gavin Claypool [Ricketts]. *Totems* are given free of charge to ASCIT members.

IMPORTANT NOTICE!
DROP DAY (as of now) IS
NOV. 10, NOT DEC. 1

Largest Frosh Class Descends on Tech

by Dennis Mallonee

The Class of 1976 has arrived! There were 231 expected as of last week — it remains to be seen just how many actually had the nerve to come. Surprisingly (since this is the largest entering class in Tech's history, surpassing even the 220 frosh who came in 1970), the percentage of admittees attending the Institute dropped for the second consecutive

year. In 1970, 67% (220 out of 327 admissions) sent acceptance letters, in 1971, 63% (219 out of 345), this year 60% (231 out of 384).

But why so many frosh? The answer to this question was volunteered by Dr. David S. Wood, Associate Dean of Students: "Late acceptances were what caused the problem. After the May deadline, the (Freshman Admissions) Committee began to notify the waiting list." And when people send in late acceptances, you can't very well tell them not to come.

By and large, though, upperclassmen don't like the idea of having a freshman class so large (six over the theoretical limit established in 1970, when women were first admitted). Indeed, it would probably be wise for the Frosh to avoid antagonizing seniors, or enrollment might drop of its own accord.

The ratio of freshmen to freshwomen is 205:26, not too good for the majority, and probably hard on the overworked fairer sex.

Of this Class of '76, it is estimated that 145 will go on to receive B.S.'s at Caltech in some field within four years, while another 15 will continue at the Institute as undergraduates (what about the others?— well...).

Leading the parade of high schools to graduate students into Tech was John Muir H.S. in Pasadena with 6; next was David Starr Jordan H.S. of Long Beach, California with 4.

The Admissions Committee, headed by Dr. Peter M. Miller, met in mid-February of this year, and certain people began to spend two-week holidays traveling the roads to interview the various applicants. And then in late March, going through early April, decisions were made, let-

Continued on Page Three

News Briefs

Co-ops Need Furnishings

Around 26 Techers are starting a co-op housing project this fall, renting three houses on Holliston between Del Mar and San Pasqual from the Institute. Household appliances, equipment and furniture of all sorts is still needed — no matter how random! Pots, pans, lamps will be welcome; refrigerators, freezers, washers, and dryers are most definitely needed (we will buy them from you if you need the bread). If you have anything to contribute, call Carmela Kempton in the office of the Master of Student Houses, ext. 2196. And thank you!

Saturday Program Needs Helpers

The regular Saturday program

for high school students interested in science is about to start up again. Its director, Lee Browne, could use more volunteers among faculty, graduates and undergraduates. If you're willing to work with the students in physics, math, biology, chemistry, astronomy or environmental science, call Lee on ext. 2207.

Ground/IKON

Caltech's underground literary magazine will be soliciting contributions of poetry or short prose pieces for its second issue (mid-October) and third issue (January). All rights remain with the authors; no editorial censorship; non-ASCIT supported. Bring stuff to the YMCA office.

Springtime On Mars



SINCE THIS IS THE LAST DAY OF SUMMER, Mariner 9 brings us a look at spring in the northern hemisphere of Mars. The bright swath curving through the center is the edge of the polar cap. The crater on the left is believed to be water ice, instead of the usual carbon dioxide ice, by project scientists.

Meet The Enemy

Who's In Charge Here?

by Etaoin Schroedlu

Hello, frosh and new students, and anyone else out there who happens to be paying attention. Just consider this an introductory lecture on Caltech, in particular, *The California Tech* (that's what you're reading).

The California Tech is Tech's weekly newspaper and is free to all Tech undergrads, a service provided by your dues and the occupants of 115 Winnett. The latter are instantly recognizable by their harried manner, missed deadlines, and vanishing GPA's.

The tall individual with the unusually preoccupied air generally found in the Tech office or Louise Hood's lair is Gavin Claypool, who is probably wondering why sophomore year and a Tech editorship should be allowed to coincide, especially when accompanied by the necessity for the editors to generate much of the copy. The bibulous gentleman propping up the typewriter is Peter Beckman, who has already undergone the soph-editor conjunction, and is reduced to the econ option and writing wine columns.

The large individual inhabiting the depths of Winnett, among other places, answers to the name of millikan jayhat troll, although in real life he masquerades as a mild-mannered Flem, and a former Tech editor-in-chief. The sign of the toothpick indicates Etaoin Schroedlu, office veteran, noted for having escaped Tech and returned. The latter two will also be seen in the 1972-73 production of the Big T.

Among the other local luminaries are the versatile Bob Kieckhefer, Phil Massey, the possessor of a totemic tabu, typist Andrea Goldfarb, known to initiates as Tinkerbelle Darb, and various frosh who have not yet been differentiated or integrated.

In case anyone is in doubt, there is plenty of room for more staff members. Drop by Winnett and see any of the above persons about our G&C, varied and exciting working hours and conditions, and job security. It's not too late to make a place for yourself. Consolation prizes are editorships-in-chief.

Bumper Class of Frosh Ready for Picking Next Week

by Philip Massey

Once again it is time for that annual event, politely known as Rotation. Beginning this Sunday night, the freshmen will be eating and visiting in a different house each night until all seven (conveniently numbered, huh?) houses have been visited.

During Rotation Week, the incoming student will get to

Office Space Available

by Etaoin Schroedlu

One of the traditional Caltech problems, lack of space for student activities, is being alleviated this year. Under the leadership of Dr. Richard Hertz, eleven rooms under the Old Houses have been made available for office and activity space for official student groups.

The rooms are under Dabney House, where the Food Service employees used to live. Floor space in each room is over one hundred square feet. Lighting has been installed over the summer, although work remains to be done as the partitions between the offices do not extend to the ceiling. Paint and painting materials will be made available to the groups if enough interest is shown.

Interested groups should contact Dr. Hertz at extension 1064 for details and to provide preliminary information on the demand for space. Eventual assignment of space will be made by duly constituted authority of the student government.

may consult their lenders if they feel that an additional amount is necessary to meet educational costs.

For further information, students should talk to Dr. Peter Miller in 109 Dabney Hall.

Cross Country Team Faces Oxy & LaVerne In Season Opener

The Caltech Cross-Country Team opens their season next week in a dual meet against Oxy and LaVerne on LaVerne's course, Coach Bert LaBrucherie announced this week.

Four returning members of last year's team will lead the Beavers into six dual meets and the Conference Championship on November 4th. Sophomore Greg Griffin who was the harrier's leading competitor, will team with sophomores Scott Matthews, Ralph Terry and junior Al Kleinsasser make up the returning runners to LaBrucherie's team. Kleinsasser is the school's record holder in the 880 and mile and has lettered the past two years in Cross Country.

Sophomores Erik Horsley and Tom Herman will compete for the first time this year in this fall sport. Horsley has been looking especially good in he workouts this past week.

Continued on Page Three

Need \$\$\$?

Student Loan Program Info

The President has signed emergency legislation affecting the Guaranteed Student Loan Program. In essence, this action means that the rules governing the program before July 1, 1972, are again in effect.

Briefly, the program now enables a student to borrow up to \$1,500 per academic year for educational expenses. If the student's "adjusted family income" is less than \$15,000, the Federal Government will pay the interest until the principal is due for repayment — between 9 and 12 months after the student leaves school or graduates.

The loans are available to students attending colleges and universities and vocational schools. They are guaranteed by a State or private nonprofit agency or insured by the Federal Government.

The Education Amendments of 1972, which became effective July 1, 1972, called for an analysis of the student's need for a loan by his educational institution. This requirement is eliminated by the emergency legislation. However, notarized affidavit (Section A of OE form 1260), stating that the loan will be used only for educational purposes, is still required. Sections B and C of the form are to be completely disregarded.

Loans made between July and August 18, when interim regulations applied, will be honored. However, students who received loans during that period

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Water Polo Game Saturday

by Bob Kieckhefer
Despite the loss (due to graduation) of half of last year's starting swimmers, this year's water polo team could gel into a conference title contender. The team has been working out twice daily since September 11, and held their first scrimmage at L.A.

Harbor College last Friday. Coach Lawlor Reck called the encounter "a learning experience", and evidently the tankmen learned well - after spotting Harbor a six-goal lead they came back to tie the score.

With only five men returning from last year's team, freshmen

swimmers will be vital to the team's success. The top frosh prospects so far are Howard Bubb of Covina, Jim Rowson of Glendale, and Dave Clark of Lakewood. There is still plenty of room for more swimmers, though, as at least 14 men are needed to field two teams (varsity and J.V.).

The tankmen start their season Saturday at 4 p.m. with a game against the University of Arizona.

Cross Country

Only 26?

Continued from Page Two

The two freshmen rounding out Caltech's team are Terry Savage and Jack Bacon. Bacon has been injured the past week, which will affect his early season performance. He is expected to return to action in time for the first meet. Savage has been bothered with blisters but has continued to turn in excellent workouts.

The Beavers last year finished an overall 6th in the conference,

Continued from Page One
ters were sent out, and unlucky applicants were placed on the waiting list.

Those who have accepted the challenge of the California Institute of Technology are here. Try to be nice to the innocents.

after a dual meet record of 1 and 6 and 6th place in the conference championships. The first home meet is in mid-October against Whittier.

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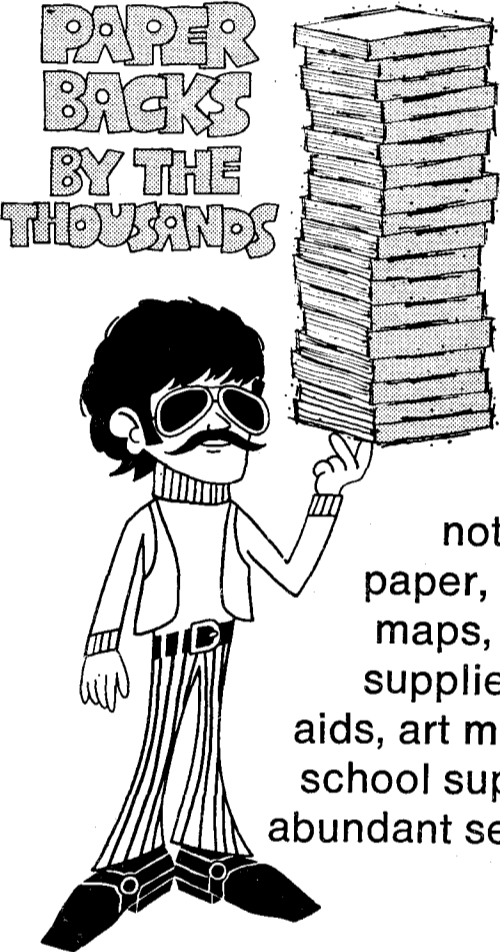
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