"Saturday School" Brings Science To High-Schoolers
by Alan Silverstein

If you are anywhere near Chandler at about noon on any given Saturday you can't help but overhear the approximately 360 junior high school students that congregate on it for lunch. What you probably don't see are the 30-odd classes each of two hours duration, that meet from 10 to 12 a.m. for 28 Saturdays during the school year in classrooms and labs all over Tech. The Saturday Morning School Program, now in its fourth year, draws motivated pupils, mostly in grades 7-9, from more than 50 different junior and senior high schools all over the L.A. basin.

The program is supported and funded by the Institute, operates under a broad-based faculty committee, and has been managed by Mr. Lee Browne, Director of Secondary School Relations, since its inception in September of 1969. He is assisted by Mr. S. Sharf, a local high school teacher, and mostly volunteers (although some receive salaries), who conduct classes in subjects ranging from aerodynamics and astronomy, and animals behavior to computers, physics, psychology, and electronics, to biology, archaeology, and medicine. In addition there are some "floating volunteers" and single tutors who help individuals with various problems, both academic and personal. "We do a lot of counseling," Mr. Browne said.

There are two main functions of the program, according to its director. First, "it is sort of a fancy way to interact with secondary schools. We bring the students here and teach them and then send them back to their schools all over L.A." Also, "we try to steer young people into careers of science, math, engineering, and medicine." In no way is the program slanted towards teaching only gifted students, Mr. Browne pointed out. "Interest is our number-one criterion," Prospective students write a short letter of application and the committee and has been managed.

Continued on Page Two

Easy Victories

It made a complete revision of the bylaws article on ASCIT publications, including an increase in most of the paid positions. The breakdown by polling place of the number of voters is as follows:

**Blackerry** 25
**Dalkey** 41
**Fleming** 32
**Lloyd** 12
**Page** 46
**Racketts** 10
**Reedock** 6
**Wintern** 41

**PAGE HOUSE SOCIAL PROGRAM**

On their way to class, a group of Saturday-schoolers meet Mr. Seymour Sharf, a local high school teacher assisting in the program. Photo by Alan Silverstein.

**BECKMAN II Nears Completion**

By David Callaway

Within the next two months the Beckman Behavioral Biology Building will be dedicated, which, if it lives up to the predictions made about it, will be a forerunner of the most important field of science in the next decade.

With funds donated by Arnold and Mabel Beckman, the Behavioral Biology Building will be finished sometime in December, and dedicated January 14. It will be the final complex in the Court of Man, which consists of the Behavioral Biology Building, and the Baxter Hall of Humanities, and Social Sciences, which flank the mall leading to the Beckman Auditorium. The Behavioral Biology Building was designed to be the mirror image of the Baxter Hall of Humanities, and will incorporate some of the most modern technical devices available. In addition to individual facilities provided for each of 9 research units, shared facilities will include a laboratory for psychophysiological instruction, an instrument room, a central sterilizing room and a stockroom.

Continued on Page Three

**EE91 Lab Strikes Again**

Earthquakes Needed to Indifference

by Peter W. Beckman

One does not normally hear a distinguished scientist declare "What we need is a few more earthquakes," Yet that is what Dr. Robert E. Wallace, Chief of the National Center for Earthquake Research stated during his lecture "Earthquake Prediction and Hazard Reduction" Monday evening in Beckman Auditorium.

Dr. Wallace was not in favor of earthquakes per se; he was complaining about the public's indifference to earthquake hazards and ways of minimizing them. "An indifferent attitude that is shattered every time a big quake hits," he illustrated this point with aerial slides of housing construction directly over the San Andreas fault and photos of landslides caused by tectonic movements.

Is Your Guess

Earthquakes are caused by the movement and breaking of the large blocks or rock that make up the Earth's crust. These plates are constantly shifting position. In some areas, such as the middle Atlantic, they are moving apart and new material is added to the crust from the mantle. In other areas, the subduction zones, one plate is diving under another. This is the case in California where the Pacific plate is being forced under the California plate. This, of course, results in one of California's most famous attractions, the San Andreas fault and related systems.

Seismologists are currently investigating ways and means of predicting earthquakes, and many promising lines of research are opening up. At the same time, efforts are being made to minimize the damage inflicted by quakes.

Continued on Page Three

**PROJECT PEGASUS**


Photo by Ray Fassey.
by E. Squirrel Mole

Peter Miller, formerly Director of Admissions and Lecturer in English, has taken early retire­ment from the Institute. The events leading up to, and prob­ably causing, this are worthy of note.

In 1971, Stirling Huntley came to the Institute as a Lecturer in Drama and Associate Dean of Graduate Studies. In the latter capacity he was present with graduate admissions, at that time, and for some time preced­ing it, Miller was the Dean of Admissions and Financial Aid.

Sometime last year William Schaefer, Registrar, was given de facto control of financial aid. In June, Huntley was made Director of Admissions and Financial Aid. Miller was left to do the day-to-day grunge work associated with undergraduate admissions. Since he sat on several com­mittees (including the Admissions Committee) by virtue of the fact that he was Dean of Admissions, he was replaced by Huntley on those committees. Adding insult to injury, he was moved out of his office.

According to Lyman Bonner, Director of Student Relations, this was not a demotion of Miller, but a reorganization of the Admissions Office which brought in new blood. The faculty has not been entirely satisfied with this explanation, and has been investigating the circumstances of the change. Negotiations between Miller and the Institute have resulted in his taking the option of early retirement, rather than remaining in the position to which he was demoted.

More Problems

A rash of burglaries, thefts, and vandalism has been occurring on campus in the past few weeks, indicating a need for increased vigilance on the part of the students.

According to Lee Chapman, the campus security supervisor, incidents in the last few weeks have included the theft of four bicycles, two calculators, and a car. (The last item was re­covered.) A change machine in the gemphouse of Business Ser­vices was broken into and robbed, apparently with a crow­bar. The Coffeehouse lost a photograph and a television. A perhaps more disturbing event occurred last weekend when Chandler was broken into, a relatively small quantity of food stolen, and a lot of food stored around. It was largely an act of vandalism, rather than of theft, indicating that the per­son(s) responsible probably had a grudge against R&R Food Ser­vice. While R&R is eating the cost of the food stolen and spoiled, the damage to the building is being paid for from the insurance. The Millikan Building stands out late at night with its many lights, even though the lights have been reduced by 25%. The custodial force has already been shifted to an earlier time schedule.

The Library administration is interested in knowing how the students and faculty would feel about closing the library at midnight. The Institute is experimenting with lighting and airconditioning from midnight to 7 a.m. Would this be acceptable? Such an experiment might be made flexible enough to permit 2 a.m. closing for a week before finals and during finals. Responses to this proposal will be given consideration in reaching a decision.

The Candidate

THE ASCIT FRIDAY NIGHT MOVIE

The Star Spangled Girl

at 7:30 and 9:30 p.m.

in Baxter Lecture Hall

Admission: 50c--ASCIT members and their guests; $1.00--anyone else

Next Week: The Candidate
Earthquake

Continued from Page One

Thus, one important task is to identify really dangerous areas and attempt to minimize the dangers. Dr. Wallace used his own community of Portola as an example. There a subdivision plan was changed to create green belts in landslide areas and remove house sites from the fault line with no loss to the developer.

The following scenario introduces Stalin, a part played more easily adequately by one of the play’s two authors (L. “Myron” Lichtmann). We see Stalin in his office, surrounded by the incompetent Khrushchev (D. Bouchot), the evil Beria (T. Weaver), and the ever-present spirit of Lenin (M. Roberts). He receives visits from a group of peasants and from the Polish Ambassador (C. Lydick). The Head Peasant, expertly portrayed by Mr. Olshan, and his partner (Mr. Nancey), put on a convincing performance, accompanied by a fine singing number. At the close of the scene, Stalin decides to go out incognito among the peasants.

Act II opens with a brilliantly choreographed (by Mr. Olshan and Mr. Hong) adaptation of “When You’re a Red,” followed by a touching love scene between Geroy and Lyudina. Back at the Yustayoffs’ home, Stalin, cleverly disguised as a Poor-but-Kinky-Stranger, Come-to-Partake-of-Their-Simple-Pleurisy-Hospitality, wins the confidence of Lyubov Yustayoff. He asks him to have a talk with Geroy. This he does, and comes up with a plan to trap the bad guys with some tempting black market wheat. The trap is successful, and Stalin is now exposed as such, sends for the Red Army to take the Evil Three away. The play ends with a moving revolving of “Vladivostok,” sung by the entire cast.

The message in A Stalin for All Seasons is sharp. For in it we clearly see the fate of those who are evil and greedy. Of course sometimes this is also the fate of those who are kind and generous, but this is just a correctable accident of the system. We also see, in Stalin’s dilemma, the dangers of a power run rampant. Not only was this a Stalin for all seasons, but for all time as well.

Also on the bill were The Ural Mountain Boys, and Gen. H.S.T. Serley. Serley’s material was of the same wretched quality as usual, including the infamous “turtle joke” (that’s J-E-N-K-I-N-3). His delivery and his confidence in his material almost made up for the fact that most of us had heard these jokes on the streets in our pre-speaking years. The Ural Mountain Boys, organized just for this occasion, played some fine old Russian country music (“Ps” from Prison Blues,” “Cripple Creek,” “Old Plank Road,” to name a few). This versatile group came prepared with two excellent banjo players, a fiddler, two guitarists, a jew’s harpist, a tambourine player, and its leader, Johnny Cashinsky, who is probably the best member of the group, with the exception of Cat Oblansky, with no musical ability whatsoever.

Despite its overwhelming success, the show closed after the second performance Saturday night. For TV rights to the script, one may contact the Fleming House People’s Commisariat of the Performing Arts.

THE CALIFORNIA TECH
"Kiss Me Kate" To Be This Year's Musical; Auditions In January

by Dave Peisner

Two years ago, a group of students banded together to produce a musical. Most people, including the director of the Glee Club, said it couldn’t be done, but RMS Pinfair became a reality. Last year, the same group produced Pirates of Penzance. Most of the group are now juniors or seniors. With two successful productions behind them, they have decided to do all out this year with Cole Porter's Kiss Me Kate.

Tentative plans call for two performances in Ramo Auditorium on Friday and Saturday, April 19 and 20. At a meeting Tuesday night, producer Greg Simay announced that the stage director will be Shirley Marmes and the orchestra director will be John Gustafson. The position of choral director is still open. If anyone is interested, contact Greg in 210 Ruddock as soon as possible.

Auditions for all roles and orchestra will be held January 20–26.

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Second Class Postage paid at Pasadena, California. The California Tech is published weekly except during exams and vacation periods by the Associated Students of the California Institute of Technology, Inc., Westcott Center 150–51, California Institute of Technology, 1201 East California Blvd., Pasadena, CA 91109. Subscriptions: $4.00 per year.