

The California Tech

California Institute of Technology

Volume LIX

Pasadena, California, Thursday, October 10, 1957

Number 2

Pajamarino returns to Caltech

Expansion

Completion of new buildings delayed until second term

Two new buildings—Spaulding Engineering Lab and Young Health Center—will be in use by second term according to Wesley Hertenstein, head of the Physical Plant Department.

Completion of the buildings, originally planned for the beginning of the school year, was delayed by the Southern California building workers' strike.

Spaulding Lab

Located north of the present Mechanical Engineering Building, Spaulding Lab follows the usual pattern for Caltech buildings, three stories up and two under the ground.

Although it will eventually be used entirely for chemical engineering, the building's eastern half will be occupied temporarily by part of the Electrical Engineering Department, including computer installations now located in West Bridge and Throop.

Included will be three classrooms, seating a total of 92. An innovation in two of these will be the use of long, permanently mounted tables instead of desks. Students will sit behind these tables on swivel chairs. (Ed. note: Positions are now open for qualified instructors with bartending experience.)

Archibald Young Health Center

The student health service will move from its present cramped quarters to a new location next to Tournament Park, on Arden Street. The modern building includes an infirmary with four double rooms and two isolation wards, in addition to a kitchen, physiotherapy and X-ray facilities, three treatment rooms, a psychiatrist's office and a large lounge. It has 50% more floor space than the old quarters.

Construction was financed by an anonymous contributor and by Mrs. Archibald B. Young in memory of her husband.

Plan Other Buildings

Although some plans have not been completed, construction of further buildings is held up because insufficient funds have been donated. The buildings planned include:

Three new student houses for 270 men and a cafeteria serving 200, to be built north of the present houses. The houses will be "similar in quality" to the present ones, except that more double rooms, no individual wash-bowls and simpler architecture will keep the costs reasonable.

A Student Union. This may be built as a wing of the Synchrotron, at its north end. It will also provide offices for ASCIT.

An electrical engineering building. This might be built north of San Pasqual, despite high costs and zoning difficulties.

A library, to consolidate present facilities scattered over the

campus. This is tentatively located between Crellin and West Bridge.

An addition to the biology buildings, connecting Kerckhoff and Church (already partly financed).

Commenting on student complaints that B & G is spoiling the appearance of the campus by cutting down all the landscaping and replacing with buildings, Hertenstein said, "If we spread out, then the same ones would complain about how long it takes to walk between the buildings."

Beach Blast!

Fine weather is expected for the traditional Junior Beach Party to be held Sunday from noon to 5 p.m. at Huntington Beach. Juniors and their dates will enjoy surf, sun, and great quantities of char-broiled franks.

Announcements

TOTEM

Twenty-four people attended Totem magazine's first meeting of the term. This term's deadline was set for November 18. House representatives for the magazine are Gus Akselrod, Blacker; Mike Peters, Dabney; Phil Thacher, Fleming; and Mike Jones, Ricketts.

FLY FREE

Free, non-stop, first class, round trips to New York, Chicago, Boston, Washington and many other areas are available to military and reserve personnel, according to the Military Flight Information Office, 257 Spring Street, Los Angeles.

The trips are available to qualified veterans with military obligation, retired military personnel, National Guard members, inactive and active military reserve members, and regular personnel on active duty.

For information call MA 5-2241 or TE 0-4525 and ask for military flight information.

Yells, parade, movies will follow bonfire in T. P.

The famed Pajamarino of years past returns with a bang to Tech tonight, beginning at 7:15 at Tournament Park.

Sinsheiner joins Caltech faculty ranks

by Rolf Richter

On July 11, another outstanding scholar was added to Tech's already famous faculty roster with the addition of Dr. Robert L. Sinsheiner as professor of biophysics.

Sinsheiner has already spent six months at Caltech in 1953 as a Senior Research Fellow. He received all his degrees at MIT, the PhD in 1948, after which he was a faculty member at Iowa State College.

He has made important and original contributions to our knowledge of the chemistry of nucleic acids—the heredity-determining material in plants, animals and viruses. He is an expert in the development and use of modern biophysical techniques and intensely interested in the current attempts to establish the proper connections between molecular structure and genetic function.

On the more personal side, golfing and hiking occupy his spare time between work and his family, which includes three children. He enjoys classical music, the theatre, ballet, modern art, and baseball and football games. His main problem is getting used to the California climate.

Around The Quad

Competition for Fulbright and Buenos Aires Convention scholarships for graduate study abroad during the 1958-1959 year will close on November 1.

Eligibility requirements for these foreign study fellowships are United States citizenship, a college degree or its equivalent by the time that the award will be used, knowledge of the language of the country of application and good health. Preference will be given to applicants under 35 years of age.

PHOTO EXHIBIT

The Caltech Camera Club's photographic exhibit in Dabney Hall lounge ends October 11.

The display features a group of black and white photographs taken by various members of the club, including the Print-of-the-Year as selected by the Southern Council of Camera Clubs.

CAMPUS TOURS

Guided campus tours began Monday, October 7, and will continue throughout the school year. The tours are conducted by undergraduate students and are available to anyone interested in viewing the grounds, buildings, laboratories and museums of the Institute.

"All I know is that it will be the hairiest riot of the year," beamed Don Owings, ASCIT Rally Commissioner. The pajama-clad festivities will begin on the soccer field with the lighting of the bonfire, followed by the introduction of the varsity team by Coach Bert LaBucherie. The Caltech Band, led by Al Forsythe, and the new song queens, Leah Holley, Wendy Hilmer, Dorothy Lewis, and Carol Benveniste, will be presented by head cheerleader John Bard.

New Cheerleaders

Assisting Bard in leading "cool cheers" will be Jon Kelly, Mike Jenkins, Doug Shakel, and Frank Greenman. Expecting a successful season, the cheerleaders will present several new yells in addition to brushing up the troops on the old yells. Everyone who attends will wear pajamas for a parade following the rally.

The parade, which will include the band and song queens, will follow a line of march down California to Lake, up Lake to Colorado, and down Colorado to the State Theatre, where all seats are served for a special showing of the present bill—"Island in the Sun" and "Silk Stockings." According to Owings, each man must present a student body card, although it was felt that anyone showing up in pajamas would doubtless be admitted.

The program has been scheduled so that all those interested will be back at the student houses in time to see the final freshman preference lists. The parade will return to Tech, still pajama-clad, to top off the evening with end-of-rotation parties in the various houses. It was felt by the Rally Commission that the Pajamarino will return again to the tremendous popularity it once enjoyed.

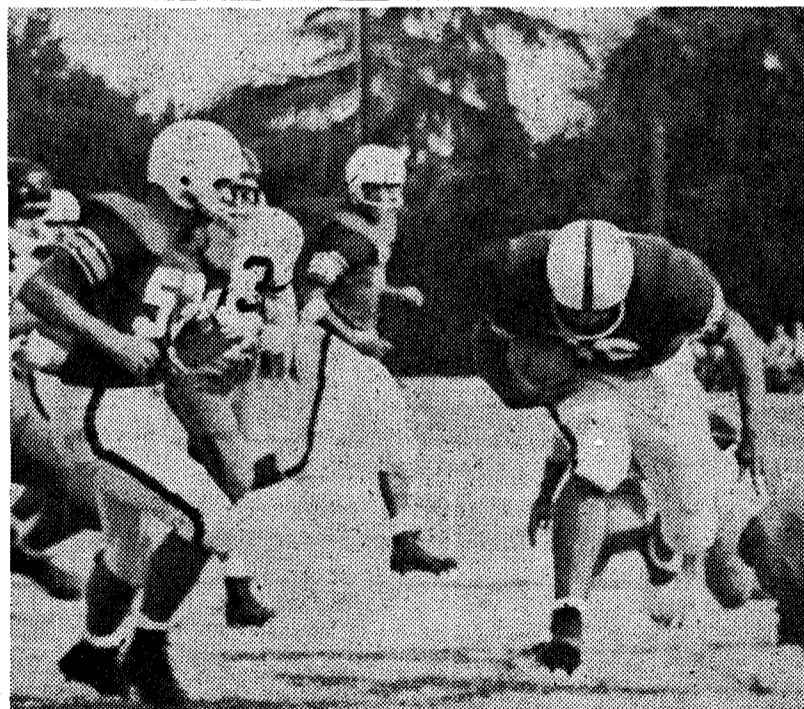
Debate team organizing

The Debate Club got rolling last Saturday in preparation for their first tournament of the year. The individual events tournament will be held at San Diego on October 18 and 19.

On Saturday, October 5, eight freshmen attended the speech clinic at Long Beach State, where they heard demonstration events and lectures on "right to work" legislation, the topic of this year's debate topic, from representatives on the CIO and NAM.

Dwight Thomas, Tech debate coach, will hold "Open House" in the third floor of Dabney Hall every Thursday from 7:30 to 10:30 p.m. for practice debates, speeches, and topic discussion.

Those interested in participating in the San Diego tourney may sign up in 309 Dabney.



Courtesy ASCIT Photo Division

Krehbiel plows through gaping hole for first touchdown.

Editorial

Interhouse cross-country is no longer "sport"

It was our understanding that at the end of last year the Interhouse Committee made some definite recommendations to the athletic department concerning interhouse sports. Principle among these was the recommendation that interhouse cross-country be dropped, either in favor of some more universally popular sport or entirely.

The interhouse cross-country season begins a week from tomorrow.

Cross-country is considered by the houses to be an extremely poor sport at best. It was the feeling of those interviewed informally that there were few men, if any at all, who ran cross-country because it was enjoyable. The interhouse cross-country meets are won each year by freshmen who are about to go out for intercollegiate running, or by experienced upperclassmen who are eligible by some quirk. The great majority of men running are doing so because of a feeling of responsibility to their house, and nothing more.

How can a sport which requires the specialized skills of only three men compare in value to a sport of the caliber of

(Continued on page 2)

SCOREBOARD
TECH 41
UCR 7

California Tech

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Entered as second-class matter November 22, 1947, at the post office in Pasadena, California, under the act of March 3, 1879.

The Outside World

(A synopsis for those in a hurry, those who feel guilty about reading nothing but the funnies, and those seniors who have neglected their H5 duties.)

FRANCE

France was plunged into her 23rd post-war ministerial crisis last week when Premier Bourges-Maunory resigned after a discouraging vote of confidence on his Algerian plan. He had proposed dividing Algeria along racial lines, later setting up regional assemblies while retaining French control over all foreign and most internal affairs. During his term of office he had successfully battled inflation by setting up wage and price ceilings which had resulted in strikes and farm discontent.

France also turned down a conference offer by the Algerian Nationalists, even though the latter did not insist on a guarantee of independence this time. The Nationalists now intend to take their case before the UN. Meanwhile, the U.S., fearing Soviet aid, expressed its desire that Tunisia, which is naturally sympathetic with Algeria, be armed.

MIDDLE EAST

Saudi Arabia's UN delegate sounded off rather violently about Syria's right to run her own affairs, as well as about the Israelis, Arab Nationalism, and Algeria. Ibn Saud sent a mollifying note to President Eisenhower, but several other Middle Eastern states continued to show their aggravation that the U.S. should arm them against a possible Red threat through Syria, an insult to Arab unity.

IRON CURTAIN

Russia sent up a satellite while students revolted in Warsaw over the suspension of their newspaper.

INTEGRATION

Governor Faubus continued to hold out in Little Rock against President Eisenhower and the U.S. Army, claiming that disorder was likely to result if the troops were withdrawn. So despite the nearly-successful arbitration of four Southern governors, the troops will remain, according to the President, to uphold the sanctity of the courts until the Governor is willing to insure order or until the local police are able to handle the situation.

TEAMSTERS

James Hoffa, elected Teamster president by an overwhelming majority, will assume office the day he is due to appear in court on perjury and wire-tapping charges. Neither he nor his Council seemed exactly perturbed that the AFL-CIO has given the giant union until Oct. 24 to clean house or face suspension.

PHIL THACHER

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CROSS COUNTRY

(Continued from page 1)

softball or football, where teams of 9 or 11 are backed up by perhaps twice that number of reserves? Of what value to the average house member is cross-country? How does it fit into the philosophy of providing participation in competition for all those house members who are unable to join in intercollegiate sports or who do not feel themselves sufficiently skilled to compete on a varsity team? The answer to these questions is clearly this: interhouse cross country is not a sport of the caliber required for an interhouse sport; if it cannot be replaced by another sport, it should at least be discontinued.

The majority of houses felt that were another first term sport really necessary, one such as wrestling could provide participation for at least twenty men from each house. Wrestling is a sport which requires no special skills; even the lightest man in the student body has a chance to win in his weight class. Wrestling is something which is enjoyed by the average individual, and it is certainly a wholesome form of competition not available on an intercollegiate basis. The athletic department has stated the sufficient space is not available; however, it is our opinion that the houses would gladly arrange for their own practice space, requiring only that the one mat in the gym be available for a single day's tournament.

It is a shame that the Interhouse Committee has let itself be pushed around by the athletic department. There is no good reason for preserving cross-country as an interhouse sport; if it cannot be replaced by something more of a team sport, it should be discontinued altogether.

Secretary's Report

OXY BONFIRE

In these trying times the Board finds it necessary to remind the students of certain facts related to willful destruction of neighboring campuses. First, the Institute will not give any legal support to any students involved in unfortunate accidents on the Occidental campus. Also, according to intercollegiate agreements we are financially responsible for damage to permanent Occidental property. "We" in this case will be interpreted as the specific students involved.

PAJAMARINO

In Don Owings' glowing words, "The Pajamarino will be one great big (organized?) RIOT!!! Y'all Come!"
(See front page.)

ASCIT PHOTO DEPARTMENT

ASCIT has consolidated its photo facilities into one office. All photographic work will be handled by this office, at a considerable saving to all ASCIT publications. In charge will be Randy Schmus and Dennis Paull.

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The Taxpayer

Are high taxes reducing your incentive to work harder and earn more?

IF YOU'RE ONE of the more than 65 million Americans who hold down a job, you probably work about 40 hours a week.

But did you ever stop to consider that taxes are so high today you work for yourself only 27 of those 40 hours? The other 13 go to pay your share of the cost of government.

No one expects to live without taxes, obviously. But when they take more than \$110 billion, or about one dollar out of every three earned, something's wrong.

You pay these taxes in more ways than you know, too.

If you lived in California, for instance, made

\$7,500 last year, and listed a wife and two children as dependents, you were taxed these ways to start with: Federal income \$875, Social Security \$95, State income \$25, Property tax \$325, Auto license tax \$40, State and Local sales tax \$75 and Telephone tax \$10.

This adds up to \$1445 and it's only the beginning.

Did you buy a car? Figure another \$175 tax. The tax on the gasoline to run your car was at least \$65. You also paid a 10% tax every time you bought a plane or train ticket or spent a dollar at the movies.

And you're still not through. Because every

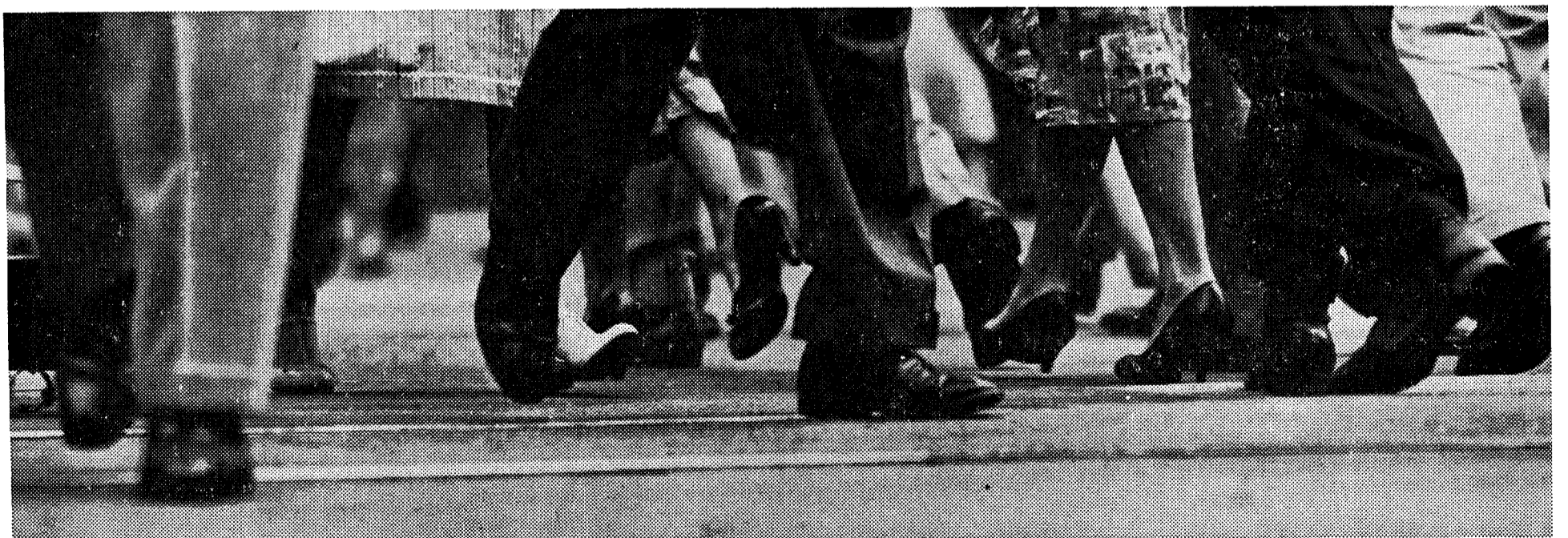
company that made anything you bought had to pay taxes on practically everything that went into the product.

These thousands of indirect taxes were eventually passed on to you as part of the cost of your purchases.

The result? At least one-third of what you earned went to pay some form of taxes.

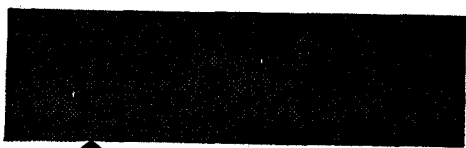
The real danger is obvious: taxes this high may be so discouraging that you have less incentive to work harder, earn more money and produce more.

YOUR COMMENTS ARE INVITED. Write: The Chairman of the Board, Union Oil Company, Union Oil Building, 617 West 7th Street, Los Angeles 17, California.



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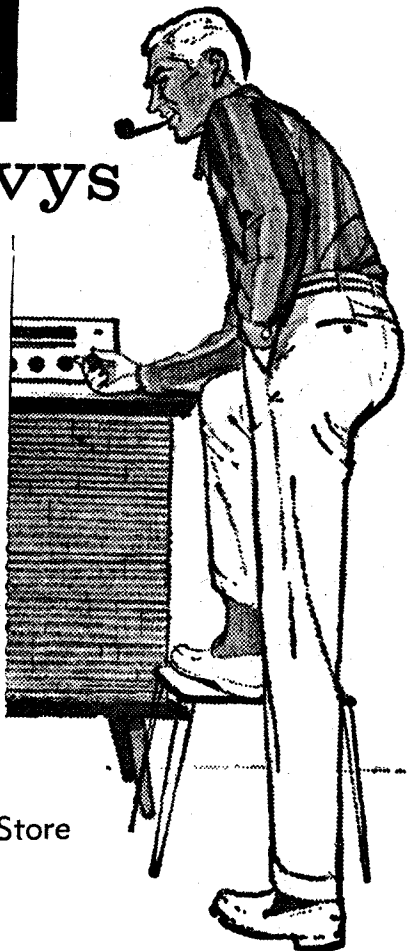


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EPICURE

This column is designed as a guide to the world beyond the monastery walls. Expert advice on almost any subject will be appreciated. Please dispense with the other kind. This week, for lack of free tickets to anything else, we present you with a stellar review of an equally stellar double feature:

CINEMA

Jet Pilot—(or *Pilit*) John Wayne as the male Marilyn Monroe, Janet Leigh as a size large Mata Hari in a size small T-shirt, and Curtis LeMay as an F-86, compleat with enlistment pamphlets in the lobby.

Being somewhat in the clouds at the time, even without John Wayne, (a condition for which I was very thankful), the devious intricacies of the plot eluded me, but basically, it seems that Janet brings her MIG into a SAC base, throws out her chest to Captain Jet, and together they zoom off to Palm Springs and some fascinating boudoir scenes amongst the cholla. It turns out that Janet, alias Anna, alias Olga is not the apple-cheeked wench from Pinsk at all, but a super-snappy OGPU provocateur, (Yessiree!), and whench they steal off back to Siberia in Uncle Sam's newest stuff. Disgusted, however, with the Kremlin's lack of drugstores, they steal Uncle Nikita's hottest stuff and return to Palm Springs and happiness ever after amongst the cactus.

The highlight and saving grace of this picture was the premiere

appearance of the Ballet de Monte Carlo, completely equipped with Sabre-Jets.

NISSEN.

The Rolling Mud Monster

Cast: Unknown actors destined to remain unknown.
Animated Mud.

Actually, this epic was titled "X the Unknown," but the audience soon forgets such details in the excitement over rampaging, raving-mad muck. Having worked giant grasshoppers over ten or twelve times, Hollywood evidently felt the need for a new menace to the free world. And presto, up it oozes from a sinister crack in the earth's surface. With deadly precision, this self-propelled sod searches out radioactive "food," sucks it dry, and returns to its pit, soon to suck again. Naturally, it's fiercely radioactive, so a few people get melted down in the process. Most inspirational scene is where a preacher saves a small child from a last game of mud-pies. (I'd like to see that preacher's next couple of kids.)

Anyway, the menace is neutralized in the end (a funny way), and Hollywood is saved to spawn another terror.

EFRON

THEATRE

No Exit is currently being presented by the Horseshoe Stage Theatre with direction by Elaine Sinclair.

The Horseshoe Stage Theatre is located at 7458 Melrose Avenue, Hollywood, WEBster 9-2196. **No Exit** runs until this Sunday, October 13. Special prices are available tonight for students at 90 cents a ticket.

JOHN LANGO

Human Review

by Bob Blandford

Any critic must be prudent because in his enthusiasm to damn he is likely to overstate his case. For criticism of a social institution to be valid, the critic must "get inside" the institution and then be honest, searching, and objective. Also it is good for a critic to recommend practical alternatives to situations he does not like.

In the next two or three articles I want to criticize some root assumptions of honor systems. I do not believe that there is anything disastrous in the way we at Caltech regulate our lives by the honor system. But there are several ways I can see that we could improve with respect to achieving our ends.

Perhaps a few people believe that the honor system is nearly perfect and that arguing with its postulates is dangerous, but I do not. In what follows I hope to borrow from the Indian philosopher, Radhakrishman: "The difference between mechanical morality and true virtue is the delicate insight into the realities of the situation."

First, then, I want to examine the ends and means of honor systems and proctoring methods, and then to report how successfully they attain their ends in colleges throughout the nation. After these preliminaries, I hope

(Continued on page 6)



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WHAT'S A BARE-HEADED STRONG MAN?

HATLESS ATLAS
A. Richard Miller
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WHAT'S A RICH FRESHMAN'S BEANIE?

MINK DINK
Robert Drupieski
Bucknell

WHAT IS A ROLLED-UP MAP?

CURLED WORLD
Marie Fagan
U. of Colorado



MOST POPULAR GAME that ever went to college—that's Sticklers! Just write a simple riddle and a two-word rhyming answer. For example: What's a big cat shot full of holes? (Answer: peppered leopard.) Both words must have the same number of syllables—bleak freak, fluent truant, vinery finery. Send Sticklers, with your name, address, college and class to Happy-Joe-Lucky, Box 67A, Mt. Vernon, N. Y. Don't do drawings! We'll pay \$25 for every Stickler we use in our ads—and for hundreds that never see print. While you're Stickling, light up a *light* smoke—light up a Lucky. You'll say it's the *best-tasting cigarette you ever smoked!*

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Beavers smash Riverside

Caltech scores six times as Krehbiel injures knee in first quarter of game

The Caltech football team started its 1957 season last Saturday by defeating Riverside by a score of 41-7 at Paddock Field. The Beavers took control of the game right from the start by marching 64 yards for a TD in four plays after the kickoff. Ed Krehbiel took the ball off the right tackle slot for 36 yards. Halfback Art Takido added ten more yards, and Don Stocking pushed the ball to the 5-yard line. Then Krehbiel carried the ball across for the TD. Dick Van Kirk kicked the extra point making the score 7-0 in the first three minutes of the first quarter.

A 49-yard pass and run from quarterback Van Kirk to end Fred Newman at the beginning of the second quarter set the stage for Tech's second touchdown. Four more running plays put the ball in the end zone with halfback Hal Forsen taking it over from the 5. Forsen made the conversion and the score was 14-0.

Tech's third touchdown climaxed a 67-yard drive. Van Kirk passed to Forsen from the 30; Forsen took the ball across for the tally. Forsen's kick was good and the score 21-0.

21-7 Halftime

Riverside's only TD of the afternoon came at the end of the second half when a pass from Ken Robinson on the Riverside 40 to halfback Gene Roller caught the Caltech pass defense napping. Neil O'Gilvy's conversion gave the halftime score of 21-7.

Halfback Stocking started the third quarter scoring by returning a punt down the sidelines after being cut loose by end Gene Stanley's key block. Forsen's kick was no good and the score was 27-7.

Caltech's next tally came after a three-play, 49-yard drive. After taking Riverside's quick kick Van Kirk passed to end Stanley who carried to the 20-yard line of Riverside before being dropped. Stocking took a hand-off for ten, and quarterback Van Kirk kept the ball on an option around left end for the last ten. Van Kirk's conversion was good.

Takido Scores

Sparking Tech's 70-yard drive for the final score of the game was Van Kirk's pass to Newman who galloped to the Riverside 25-yard line for a 44-yard gain. Van Kirk then gave to Stocking on an option and the ball was downed on the Riverside 9. Weathering an off-side penalty and an incomplete pass, Van Kirk kept the pigskin around left end to the 2-yard line. From the fullback position, Takido ran the ball into the end zone. Stocking's kick was good, making the final score of the game 41-7.

The dark moment of the game for Caltech came five minutes into the first quarter when All-Conference fullback Ed Krehbiel injured his knee. This occurred as he was tackled after a 10-yard gain. It was the third time he had carried the ball, but his yardage totaled 48, including the 2-yard plunge for Tech's first touchdown.

Post-game dance

Redlands has invited the Caltech cheering section to an informal after-game mixer on their campus Friday. Arrangements have been made by Sheila McGoldrick, Redlands veep.

AS I SEE IT

by Dick Van Kirk

Saturday's season opener for the varsity football squad was an unfortunate experience for several people, notably the Riverside players and fans and Caltech fullback Ed Krehbiel. Riverside lost the distinction of being unbeaten, untied, and unscored upon, an honor which they held after defeating Cal Baptist 31-0 the week before, and Krehbiel lost the opportunity to play football for an indefinite period of time, due to a knee injury suffered on the fourth play in which he carried the ball. On his four carries he totaled an impressive 60 yards net gain, and it is a reasonably safe assumption that had the Beavers been facing a more formidable opponent the loss of Krehbiel might have been extremely disastrous. Various reports have estimated the length of his inactivity at two to four weeks, despite the legendary magical healing powers connected with the "will to play, desire, etc."

179 Yards Passing

There's an old saying about football, which goes something like this: "With proper blocking and a few good bounces, any team can complete passes." Caltech's quarterbacks certainly proved the truth in that statement Saturday, as they completed six of thirteen passes for 179 yards, which figures out to about thirty yards per completion. The Beaver receivers and Riverside defenders took turns in helping Tech's passers achieve this record, with Fred Newman, Gene Stanley, Tony Leonard, and Hal Forsen making various spectacular catches for Caltech. Both Caltech passers exhibited accurate, if slightly weak throwing arms.

Concerning tomorrow's game with Redlands, any sort of a prediction would be pure guesswork, as the Bulldogs and Caltech are both as yet unknown quantities. The Beavers have met no real opposition and will be playing without sparkplug Ed Krehbiel, while Redlands, defending SCC champs, lost their opening games to Barstow and Arizona State at Flagstaff and were forced to cancel last week's game with La Verne due to a flu outbreak among squad members. If the Bulldogs have recovered from their illnesses, they may be the ones to halt Caltech's two-game winning streak.

"Experts" Wrong

One final note of thanks to the football "experts" on the staff of the Pasadena Independent, local newspaper. Three of four "experts" picked Riverside over Caltech in last week's predictions. Evidently the Caltech athletic reputation of spasticity and twitchiness has pervaded the normally unbiased and alert minds of the local journalistic giants. Thanks for all your confidence in the local team, boys.

Ricketts vies with Throop

by Dave Singmaster

The Interhouse softball season descends upon the houses in a few days with the opening game next Monday.

Ricketts and Throop are most optimistic of their chances. Maroon captain Dave Leeson reports, "We're gonna smash everybody." The Ricketts team appears well rounded with capable and experienced men at every position. Lou Montoya and Carl Morris form a battery second only to that of Throop Club.

Throop, upon being informed of Leeson's statement, said, "We got a rock, better than last year's (which tied for first with Ricketts). We'll give Leeson two to one on anything." Throop's hopes appear based on pitcher Bob Emmerling and a strong, experienced squad.

Blacker's fielding appears okay but the big hole at the mound is yet to be filled. Don Stern says, "We ought to play the pitcher at short; we'd have a tremendous defensive team."

The Sports Beat

by Steve Emanuel

While last weekend's game against Riverside could hardly be called a test of the playing skill of the varsity football team, it did point out a couple of significant items, items which could make a big difference in the fortunes of the team for the season.

* * * * *

First, the backfield as a whole is the equal of any in the league. The speed and agility of Dick Van Kirk, Don Stocking, Art Takido, Forsen, and Ed Krehbiel are enough to give any defense a bad time. With the possible exception of Krehbiel, who due to a knee injury won't see action for a couple of weeks, no one is really outstanding. It's the combination of having any four of the five playing at the same time that gives the Beavers their best backfield in years.

Second, the line, as is typical of most Caltech lines, does not seem to have the ferocity and meanness that one associates with college football teams. They do their job well enough and sincerely want to win, but the urge to smash the other fellow for the pure pleasure of smashing is not there. While this may not be a definite liability, I don't see how it can be much of an asset.

* * * * *

Tomorrow night's game with the defending league champions, Redlands, will give the Beavers their first real chance to prove themselves. Without Krehbiel it'll be tough, but if Tech can get by the Bulldogs, this could very well be our year.

Dabney also lacks a pitcher but has other experienced players. Chances are they'll come in about even with Blacker.

Fleming: Al Emanuel remarked, "Chances are dismal. You may quote me."

The Throop-Ricketts game on the 22nd, Tuesday, looks like the decider with Throop slightly favored. The Dabney-Blacker game should settle the third and fourth spots. Fleming, SIGH!

A Campus-to-Career Case History



Bill Tyer discusses features of a training program for operators with Miss Edith Sanders.

"There's always something different"

"In my job, there's always something different coming along—a new problem, a new challenge. When I got out of college I wanted to make sure I didn't settle down to a job of boredom. There's never been a chance of that at Bell."

That's Charles W. (Bill) Tyer talking. Bill graduated from Texas Christian University in 1953 with a B.S. in Commerce. He went right to work with Southwestern Bell in Fort Worth.

How did he make his choice? Here's what he says: "From what I'd seen it was an interesting business with tremendous room for expansion. And a big feature with me was the opportunity to choose my location. I wanted to work in the Fort Worth area."

"I came in under the Staff Assistant Program for college graduates. I spent several weeks in each of the company's five departments. Then I went back for six months of intensive training in our Traffic Department."

"After training, I was promoted. One of my first jobs was setting up and supervising a customer service improvement program."

"In January, 1956, I was again promoted. My present job is assistant to the District Traffic Superintendent. My responsibilities include instruction of PBX operators, employee and public relations, and scheduling operators to handle calls to and from 185,000 telephones."

"No—there's no chance for boredom!"

Bill Tyer is typical of the many young men who are finding their careers in the Bell System. Other interesting careers exist in the Bell Telephone Companies, Bell Telephone Laboratories, Western Electric and Sandia Corporation. Your placement officer has more information about these companies.



BELL TELEPHONE SYSTEM

The Bull Pen

by Ford Holtzman

This week I shall entertain my gentle reader with the spectacle of an upperclassman trying to defend initiation.

Of course, the upperclassmen would like to think that initiation is actually a blessing for the freshmen. Some think freshmen are integrated into the houses at the expense of class spirit by having the upperclassmen gang up on them. Ah, very subtle, very subtle. Others would have us believe that initiation is good because it knocks cockiness out of the freshmen. But unfortunately it knocks cockiness into the upperclassmen, who already think pretty highly of themselves for having stayed in this place so long. Initiation is for the upperclassmen, not for the freshmen.

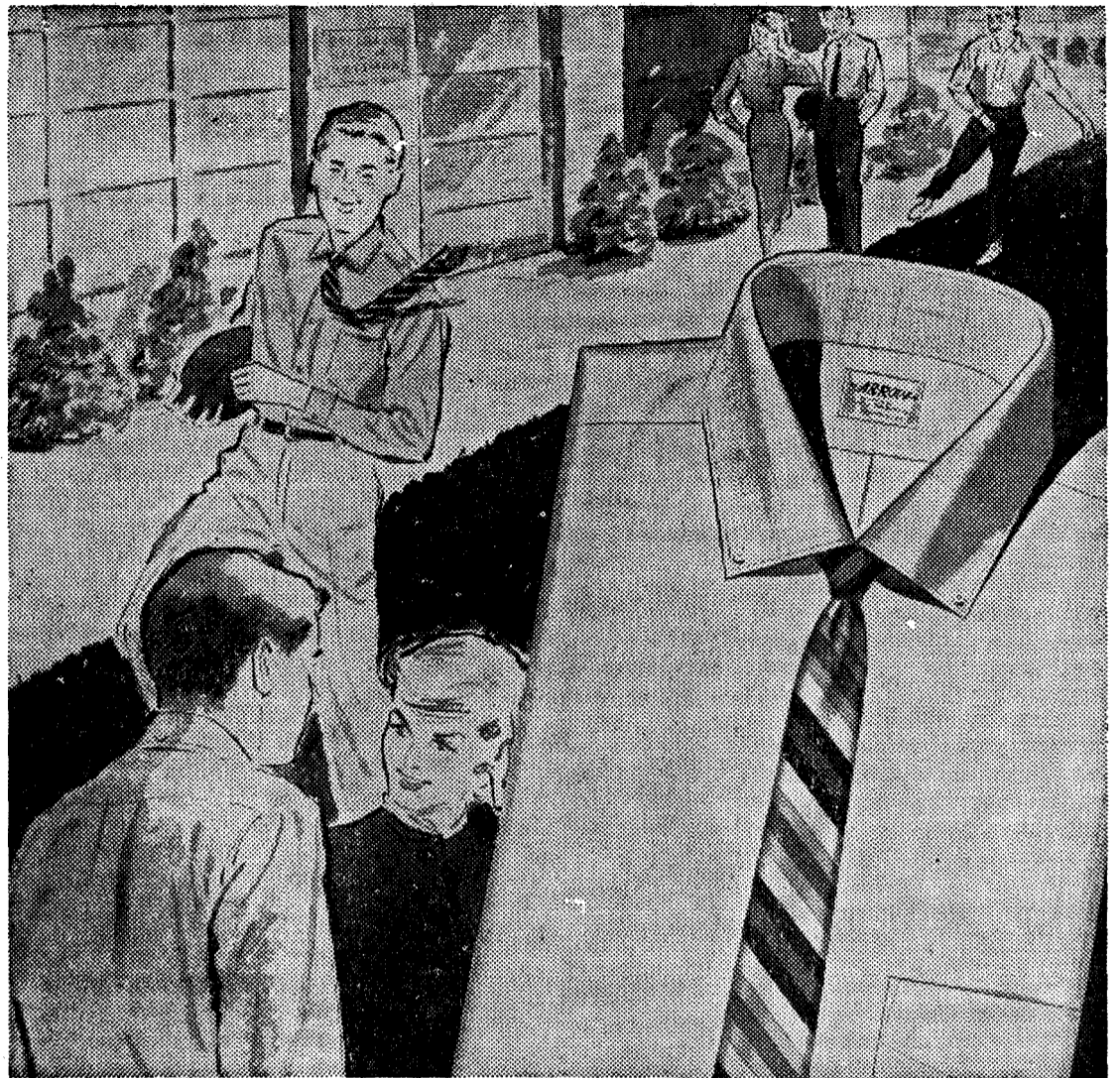
The upperclassmen put a lot of effort into rotation, much more than the freshmen. Most freshmen are too blessedly snowed throughout rotation to be able to worry except in a vague way.

The upperclassmen, on the other hand, are the people who make things come about. They have to worry about making a good impression, not only by dint of their charming personalities, but also by the clever things they think of to do. Upperclassmen have to plan and arrange parties; freshmen just have to go to them. Upperclassmen have to look after other members of their house; freshmen just have to keep themselves in check. Upperclassmen have to rate about 125 freshmen, not just four houses. And, most unfortunate of all, they aren't so snowed that they cannot worry, but they are not so enlightened that they can become fatalists.

By the end of rotation the average upperclassman would like to stick the entire freshman class down a hole. Without initiation the upperclassmen would forget the freshmen and go about their business as they did before. Initiation is the only thing that will keep them aware of the freshman. It gives the upperclassmen an opportunity to release their tensions. It actually warms them towards the freshmen and makes them more willing to accept the "intruders." Initiation is a natural and necessary reaction from rotation. In many respects it is the upperclassmen who are integrated into the house, and not the freshmen.

Fortunately at Tech, initiation is something you can take or leave alone. The upperclassmen certainly do not have to take part if they do not want to, and an unwilling freshman can play a very minor role if he so desires. There is little hazing, and many of the stunts have a practical side. So even if initiation is not ethically correct, it does little harm.

And besides, it is a lot of fun.



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HUMAN REVIEW

(Continued from page 3)

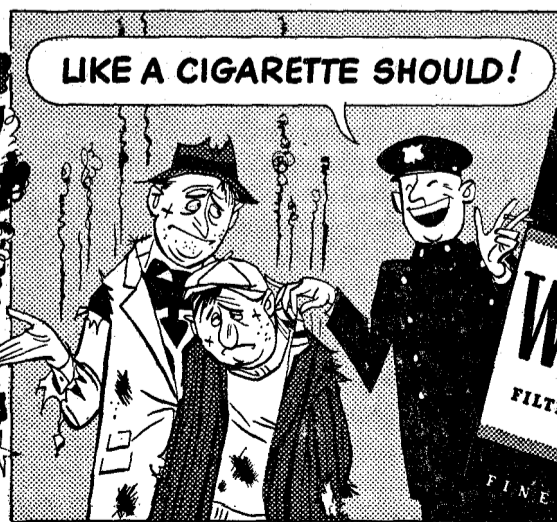
to criticize the philosophies behind proctoring and honor systems, and then to offer a different outlook. This different outlook will imply one more course of action for our Board of Control and analogous organizations on other campuses, and I'll try to suggest one or two

things which could be done quickly.

There is a question of propriety in having a member of the Board of Control of our honor system criticize it, no matter how gently. However, I feel that clear, honest, and constructive criticism usually does good. Besides, it is all in the family, so to speak.

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