

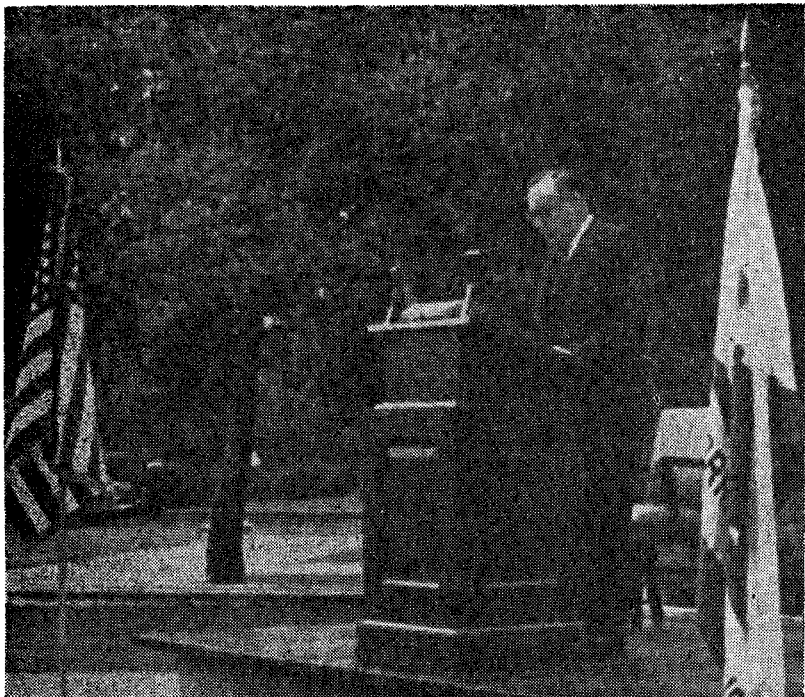
California Tech

Associated Students of the California Institute of Technology

Volume LXIV.

Pasadena, California, Thursday, October 4, 1962

Number 3



—photo by Thor Hanson
The TECH grants equal time to Democratic Governor Edmund G. (Pat) Brown with this illustration of Governor Brown speaking on the Athenaeum lawn on Wednesday, September 26.

Du Bridge Announces Faculty Promotions

Three administrative changes and 32 promotions have been announced by President DuBridge.

Dr. Robert F. Bacher has been appointed Provost of the Institute, a position created last November by the Board of Trustees. In his new position he will be the senior academic officer assisting the president.

Dr. Carl D. Anderson has officially become the chairman of the division of physics, mathematics, and astronomy. He has been acting chairman since January, 1962.

Dr. William N. Lacey, Dean of Faculty since February, 1961, has retired after 46 years on the teaching staff. He was widely recognized for his research on the properties of hydrocarbons, and has been a consultant on many research projects.

Promoted to the rank of full professor were: Anatol Roshko, aeronautics; G. B. Whitham, aeronautics and mathematics; Norman H. Brooks, civil engineering; Roy W. Gould, engineering and physics; W. Barclay Kamb and G. J. Wasserburg, geology; Cushing Strout, history; Tom M. Apostol and W. A. J. Luxemburg, mathematics; Charles A. Barnes, Rudolf Moessbauer, A. V. Tollestrup, and Ward Whaling, physics.

Promoted to associate professor were: Fred C. Anson, analytical chemistry; Derek H.

Fender, biology and electrical engineering; Ronald F. Scott, civil engineering; Carver A. Mead, electrical engineering; Oscar Mandel, English; Leon T. Silver, geology; A. M. Garsia, mathematics; John J. Mathews and Frederic Zachariasen, theoretical physics.

New assistant professors are: Bradford Sturtevant, aeronautics; William P. "put on your safety glasses" Schaefer, chemistry; Kenneth Lock, electrical engineering; Robert D. Wayne, German; Paul R. Baker history; and Everett C. Dade, mathematics.

In addition, Hao-Wen Liu, aeronautics was appointed senior research fellow, and Gordon J. Stanley, radio astronomy, was promoted to research associate.

Frosh Diner's Club Planned

This year the Y Freshman Diners' Club has scheduled a series of Monday evening meetings with outstanding faculty members at Chandler Dining Hall. The programs will include a dinner to be served at 6:30 followed by a talk by the speaker and informal discussion. The speakers will tell about their respective fields, current research they are doing, and what might be "attractive" about their fields as an option.

Sign up sheets for the programs will be posted on the bulletin boards in the houses and must be signed by 1:00 p.m. on the day of the program. Free \$1.25 dinner credit will be given to all those who attend. The atmosphere is planned to be informal, as will be the dress.

The first program will be held Monday, October 8. Dr. Robert Sharp, professor of geology and chairman of the division, will speak at this session. Future speakers will be: Mr. John Atkins, instructor in anthropology; Dr. Linus Pauling, prof. of chemistry; Dr. Jesse Greenstein, prof. of astrophysics; Dr. Robert Sinheimer, prof. of biophysics; Dr. Rod Paul, prof. of history; and Dr. Ray Owen, prof. of biology and chairman of the division.

Initiation Dominates Campus

BY MARK GINGOLD

In case anyone hasn't noticed, this has been initiation week. In the true Tech tradition, mayhem rules the campus. Once again the trajectory of a colored, elastic spheroid is computed with Tech precision. Once again the Health Center issues poignant pleas for sanity. As usual a mass movement has arisen on campus for the abolishment of initiation. Mass meetings are held, insurrections planned, although, of course, the frosh are careful that no one overhears them.

However, it must not be supposed that the only purpose of initiation is the gratification of upperclass sadism. In fact initiation has helped to push back the frontiers of man's knowledge. Was it not a Ruddock frosh that first measured the area of P.C.C.'s library in baby bottles squared? Did not a Lloyd frosh first attempt to compile accurate statistics on the measurement's of Throop secretaries? Did not Ricketts' frosh

demonstrate conclusively that the proper place for Blacker is in Blacker showers? Have not the Fleming frosh proved, again and again, that there exists nothing lower than a Fleming frosh.

Although Tech initiation does consist in some measure of wild stunts, water fights, and general hazing, there is also a serious side to it. Much serious thought and a great deal of time is devoted by the pledge-master to the frosh in his House. Through the U.C.C.'s and the other upperclassmen, information is filtered to them concerning each frosh. Questions such as "Just how much hazing will this frosh take?" or "How will he react to this stunt?" are asked and weighed. Each event in initiation ideally should have a serious purpose behind it. The water fights, besides being fun, really help to build an esprit de'corp for their class and their House. With upperclass pressure, the frosh quickly learn the names of upperclassmen, alleys, U.C.C.'s' etc., (well, sometimes, at least). Some houses even generously offer frosh slave labor for work on worthy projects such as Pasadena Boy's Club.

Therefore, at Caltech attempts are made to try to make initiation both fun and, at least partly, useful. Mistakes are made, sometimes the frosh get overviolent in water fights, sometimes the pledge-masters overestimate the amount a given frosh will

take, but overall initiation at Caltech serves the primary function of integrating the frosh into the sometimes dead serious, sometimes zany campus.

Guy Carawan Sings at Tech

BY GENE FELLNER

Monday night at 8:00 p.m., the Caltech YMCA presented folk singer Guy Carawan in the Winnett Center lounge.

Before the program started, Guy played some tapes he had made while travelling through the Cumberland mountains. The tapes consisted of songs by artist Hamper Macabee, the two highlights being "Blackjack Davey," a song from the same root as the Kingston Trio's present aborted version of "Gypsy Rover," and a rousing religious song, "I'm a Methodist Till I Die."

Carawan's program was essentially the same as that he is currently doing at the Ash Grove, with quite a few extra songs. He started with "Old Blue," then picked up his beautiful new twelve-string guitar and did "There Ain't No More Cane on the Brazos," a song about the gangs of Negro convicts that manned the sugar cane beds on the Brazos River in Texas early in the century, written by Leadbelly when he himself was a convict. This was followed by "I'm Alabama Bound," a rocking blues.

Then, in the manner of all folk singers, Carawan spent weary minutes tuning his banjo, and broke into "Oh, Those Johnson Boys" (who "didn't know how to court a maid"). He then did a sad song, "Farewell Pretty Saro," interspersed with passages on the recorder.

The audience was invited to sing along on the choruses of "Freight Train, Freight Train," a rocking version of "Midnight

(Continued on page 3)

Fellowships Open for Grads

Competition for graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for the academic year 1962-1963 is now under way. The Foundation has stated that one thousand scholarships, from funds granted by the Ford Foundation, will be awarded to men and women of "outstanding intellectual promise" who hold serious thoughts about college teaching as a profession. Eligibility is limited to graduates of or seniors in the colleges and universities of the U. S. and Canada.

The Foundation primarily supports candidates in the humanities and social sciences, but a good portion of the grants are made to science and mathematics students who have applied for National Science Foundation funds without result.

Every candidate must be nominated by a faculty member no later than October 31, 1962. Interviews of about 25% of the nominees are held in January. The local representative here on campus is T. Lauritsen, 103 Kellogg. He should be contacted for other information and details involving the grants.

Four Students Win Awards

Four students of Caltech were awarded educational grants to study abroad last spring. Three of the awards were Fulbright scholarships, and one was from the Fiat Motor company.

Those receiving Fulbright awards were: Roger Messick, who will study engineering science at the University of Sydney, Australia; John Stenbit, who will study electrical engineering at the Technological Institute, Eindhoven, Netherlands; and Lance Taylor, who will study mathematics at the University of Lund, Sweden.

Christ Velline, an electrical engineering major, has been awarded a scholarship to the Politecnico of Turin by the Fiat Motor Co.

Abortion Topic of Y Forum

"Abortion: Medical or Moral?" is the topic of the Y Dinner Forum for Wednesday, October 10. Slated to discuss this question are Dr. Jerry Moore, assistant professor of gynecology and obstetrics at UCLA Medical Center, and the Reverend Bob Kesler of Holliston Avenue Methodist Church.

Moore claims that the law sets clear limits; that abortion is justified if the life (not health) of the mother is endangered. Moore sees no moral problems involved in abortion—only medical considerations.

Kesler believes that no citizen, regardless of specialty (clergy

or M.D.) can avoid making moral judgements on abortion. Present opinions on abortion are constantly changing, and the law will always lag behind current thinking.

For the following week, Wednesday, October 17, the question is "Arms Control: Is It Possible?" Dick Schuster from the Arms Control Section of JPL and David Clarke, Research Assistant in International Conflict at Stanford will speak.

Students may register for Wednesday's program by signing the sheet on their house bulletin boards. The deadline is 1 P.M. each Monday.

Notices

STUDENT SHOP MEETING

The first meeting of the Student Shop will be on Saturday, October 6, in the new shop in the basement of Winnett Student Center. The entrance is on the west side of the Center, just north of the game room. New members and old members who wish to retain membership should attend. Dues will be approximately one dollar a term.

CHRISTIAN GROUP TO MEET

The Caltech Christian Fellowship will meet Friday, October 5, at noon in Chandler. Paul Byer of Intervarsity will speak.

FOLK DANCERS MEET

The Caltech-Associated Colleges folk dance group met last Sunday for the first time this year. The turnout for this event featured 22 fellows and 44 girls. The dancers, many of them beginners, were stimulated doing such dances as a Greek Syrtos, Swedish Masquerade from Denmark, and a variety of others from many places. A group leaves from the Athenaeum every Sunday between 6:45 and 7:00 p.m. For further information see Victor Sirelson in Blacker.

Editorials

More Stuff and Nonsense

The new Student House rules on furniture and construction are clearly an unwanted encroachment on rights that Caltech students have long taken for granted. Tech students have traditionally used the rearrangement of their rooms as a principal means of expressing their individuality, and their right to do this has been a long understood and cherished one.

Built-up, or "sky" beds, partitions, and additional furniture have been among the standard methods of decorating rooms. Now there are restrictions on all of these. Stuffed furniture is universally subject to inspection and approval, and construction is banned without qualification in the new houses.

The reasons for all these restrictions are dubious and thin, with health and safety mentioned as the most important. In no case, however, has a definite set of reasons been offered. In addition, despite repeated requests, there has been no mention of the specific bases on which each piece of furniture is to be inspected. The various mentions of accumulated minor damages and the adequacy of present furnishings are by no means sufficient reasons for abolition of such long standing and valuable rights.

Providing that furniture is not a breeding place for pests, or an undue obstruction, and is proven safe and is not a defacement nor an unnecessary hindrance, there is no reason why they should not be allowed in any student room.

In any case, if furniture or construction of any kind is to be banned for any reason, the standards for acceptance should be clearly stated and all alleged violations should be reported to the student concerned, with a provision for appeal, and an opportunity for correction of any infringement of the rules.

If such restrictions are allowed to pass, with no allowance for appeal or correction, it could easily be just the beginning of many more encroachments on other long-valued and more important student rights.

J. C. Simpson
Richard Karp

Teach Him To Toddle

As some ancient readers of the **California Tech** may remember, last year there was a troika of editors on the **Tech**. What has happened to erstwhile Larry Gershwin, past third of the **Tech** triumvirate? Larry has resigned because of the pressures—academic, social, and otherwise—that he feels have combined with **Tech** editorship put too much pressure upon him.

While we would be the last to blame Larry for his action, we happen to find the following editorial (with the above title) written before 1932 and now in the public domain and would like to present it with malice toward none. It appeared in the *Emporia Gazette* and was written by William Allen White:

"What," asks our good friend Dr. Vernon L. Kellogg, 'shall be done with the unusually bright college student?'

"Opinions differ. Some think holding him under the pump helps. Others favor making him a Phi Beta Kappa, and thus keeping him so busy with his keys that he won't have time for other things. Often he is successfully jimmied by putting him on the football team, but sometimes it takes athletics and a dash of calico to tame him. At least the proposition, however troublesome, is not hopeless. As a last resort, give him a whirl on the college paper. That will bring his grades down to normal, but sometimes it unsettles his mind."

Richard Karp
J. C. Simpson

EDITORIAL POLICY

For the information of its readers, the **Tech** presents the following summary of its editorial policy:

The first signature following an editorial indicates the author of that editorial. The following signature, if any, indicates approval by the other editor. If editors sign the editorial, that editorial then represents the opinion of the **California Tech**.

In general, column writers have complete freedom as to the content of their columns. No column will be eliminated from any issue of the paper solely because of the

opinions represented in that column. Column writers represent their own opinions only and not necessarily the opinions of the **California Tech**.

The **California Tech** welcomes all letters, whether or not they agree with editorial opinion. Letters are edited (or left out) solely on the bases of space, decency, and the desire to present letter opinions in proportion to the amount of mail received. As with columns, the opinions stated in letters are not necessarily those of the **California Tech**.

UNITARIAN PUBLIC FORUM

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Letters

Editors:

The editor's note concerning Frank Wilkinson which appeared on the front page of your September 27 issue indicates that Governor Brown is much better informed about the activities of Mr. Wilkinson than are the editor's of the **California Tech**. The same editor's note might have been accurately entitled "editorial note," and should have appeared on page two in the space reserved for such material.

Frank Wilkinson has been working for many years with organizations such as the Emergency Civil Liberties Union and the Citizens Committee to Preserve American Freedoms for the abolition of the House Committee on Un-American Activities because he believes that an individual's personal beliefs and associations are not proper or Constitutional subjects for Congressional investigation. As a direct result of these activities HUAC has made every effort to harass and punish both Wilkinson and the organizations involved for their opposition to HUAC.

The testimony "identifying" Wilkinson as a "Communist Party member" was made by a witness on the payroll of the HUAC. No evidence, other than the assertion of the witness, was presented to prove the assertion. The subpoena which led to his appearance before the HUAC was served to him while he was in Atlanta, Georgia, for the legitimate purpose of helping those who had been subpoenaed already. He refused to answer questions pertaining to his political beliefs and associations on grounds that the first amendment to the Constitution forbade legislation pertaining to free speech, religion, peaceful association, and the press.

Justice Black dissenting in the Wilkinson case made the following statement, "This case involves nothing more or less than an attempt by the Un-American Activities Committee to use contempt power as a weapon against those who dare to criticize it." Justices Douglas and Brennan, and Chief Justice Warren (former Governor of California) joined in dissent against the majority which sustained the contempt conviction.

Frank Wilkinson is known and respected by those who have joined with him in opposition to HUAC as an individual with great respect for democratic liberty. In repeating the bad judgment of some men you do him an injustice. It is your choice if you disagree with his viewpoint, but it only demonstrates your ignorance of the situation when your present half the truth in a manner which slanders his reputation.

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Karl K. Knapp,
C.I.T. '59

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Editors:

In the September 27 edition you refer to a question asked of Gov. Brown concerning the appearance of Frank Wilkinson at the University of California, and I take it from your footnote to the article that you think Gov. Brown has taken contradictory stands stating that (1) he thought Wilkinson and others like him should be allowed to speak and (2) that known Communists should not be allowed to speak. The question of contradiction hinges on the word "known". Evidently Anita Bell Schneider has accused Wilkinson of being a Communist.

But certainly you don't think that the Governor meant to imply that a single accusation is enough to make a person a known Communist. Assuming that the mentioned accusation is the only evidence of Wilkinson's party membership, I think that the Governor was only reaffirming democratic principles in making the first statement which may be construed to say that people should not be barred from campus on accusation alone.

It is a policy of the Regents of UC to bar known Communists. Evidently they felt that Wilkinson should not be so barred. The Governor concurred and reaffirmed in his talk here the right of the Regents to make that decision—which right is given to them by law.

As a recent student of the University of California, I would like to say that I disagree with the Governor's second statement. The Regents' policy does not so much abridge the rights of Communists as it does those of students. For, no one speaks on campus unless invited to do so. The Regents, in effect, take the position that student groups cannot invite Communists to speak. Since the students invite speakers on all other political issues and since, according to Nixon, Communism is the big issue facing the state in this campaign, it seems downright unfair not to let the students even see a Communist. One might even say it's unfair to Nixon since it interferes with the students' consideration of his big issue.

James D. Halpern
Math Department

ROTC Plans
New Program

In view of an increasing need for trained officers, the Air Force is planning a radical new ROTC program to attract desirable college graduates into the Air Force. The new plan reduces the years required for a commission to two and includes a scholarship of \$2200. A bill instituting this new system is due before Congress at the beginning of its next session, and, as it has no opposition, its passage is considered reasonably certain.

Under this new program each college will probably be allotted a number of places for which a student will apply. If he is accepted he will attend a short summer camp between his sophomore and junior years, and then take the two year ROTC course during his junior and senior years. During this time the student will receive a stipend of \$1100 per year. At the end of his senior year he will attend a second six-week camp and upon its completion will receive his commission.

The new system does away with ROTC during the first two years of school and abolishes the drill and leadership laboratory completely. In addition, because the new program does include a \$2200 stipend, a somewhat more specific guarantee will probably be required of cadets, but details on this are not known at present.

Provisions for graduate education will be the same. A top graduate in the ROTC course may go on for their advanced degree with all expenses paid by the Air Force. During this time he will be an Air Force lieutenant with full pay and allowances, and serve his required duty upon completion of his graduate degree. Others can get an extension on their service in order to complete their education.

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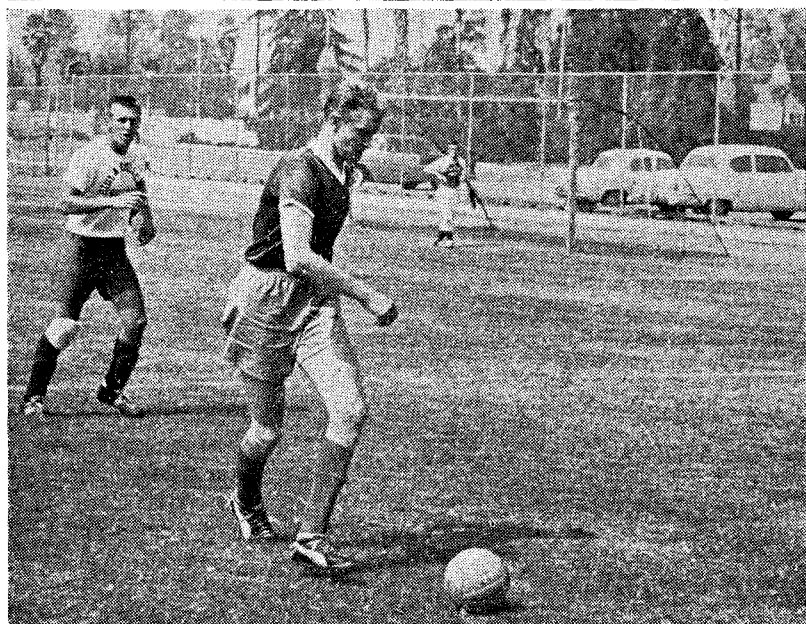
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SPORTS



—photo by Thor Hanson
Graduate student Willi Behrens controls ball in Saturday's game with Biola.

Soccer Team Tops Biola in 8-1 Rout

The Caltech soccer team lived up to its expectations as they routed Biola 8-1 last Saturday morning at Tournament Park. The junior varsity easily topped Biola in a 3-1 contest.

In the varsity game both sides were even for the early minutes as the defenses settled down. The Biola right wing threatened temporarily, but it was not long before the Beaver forwards penetrated the Biola defense. The halfbacks then took a stranglehold on the center of the field, and right wingback Richard Wade scored three quick goals. This was enough to dishearten Biola and Willi Behrens added another to make it 4-0 at half time.

The second half was almost a formality after this. Behrens scored twice and Wade and Joel Kwok both added one each before Biola finally made its only goal of the game. The defense was very sound with Wes Shanks playing strongly in the middle. Wingmen Kwok and Wade were the best of a fast and fit forward line. It is a debatable point as to whether or

Managers Needed

There are still several fall sports teams that need managers. With competition starting soon, it is necessary that these positions be filled immediately.

Full P. E. credit is given and each manager earns Varsity Rating Trophy points for his house. Also, letters are awarded to the senior manager in each sport. In general, the duties of a manager are to maintain the team's equipment and to assist the coach with other sundry tasks at practice and at the games.

Managers are needed for following sports: Frosh football, frosh waterpolo, and soccer. Those who are interested should see the coaches of these teams as soon as possible.

Basketball Meets

Coach Ed Priesler is holding a meeting next Wednesday, October 10, at 11:00 in the gym for people interested in going out for either the freshmen or varsity basketball teams.

not I. N. A. parties should be held before each game, but it seemed to work in this case.

The junior varsity game was closer, and enthusiasm made up for lack of skill among players on both sides. Due to a lack of time this game was played in three quarters. Caltech opened the scoring with a goal in the first and added another in the second before Biola scored. The Beavers picked up another point in the final quarter to coast to victory.

Next weekend the varsity team travels to UC Riverside for a match 10:30 Saturday morning. At the same time the junior varsity plays Whittier here.

Sailing Club

Tonight the Caltech Sailing Club is offering the first in a series of lectures on small boat handling. This lecture is designed for the beginner who knows little about sailing. All persons interested in learning some of the basic theory of sailing are strongly urged to attend this meeting which will be held in clubroom No. 2, Winnett.

Preceding the lecture at 7:30 there is a short business meeting and an election for the office of secretary-treasurer. The announced candidates for this office are Jim Crabtree of Lloyd and Jim Follansbe of Page. Members are advised that only those who have paid their dues this term will be eligible to vote.

Caltech Karate Wins Awards

Last Sunday, the California Karate Association held a grading examination. Larry Champagne, captain of the Caltech Karate Club received his first degree brown belt. With Master Hidetaka Nishiyama teaching at Caltech on Mondays, this means there will be karate instruction given every day at 3:00 P. M. at the gym by men of black and brown belt ranks.

An upcoming event of interest is the Second All-American Karate Tournament to be held in Los Angeles on November 18. Tickets can be bought from any friendly karate club member.

Gridders Debut At UC Riverside

BY THOR HANSON

Caltech's varsity football team opens its season next Saturday night against a tough UC Riverside squad there.

UC Riverside lost its first two games by tight margins and can be expected to go all out in this contest. On the other hand, the Beavers are out to avenge last year's 43-8 loss to this club.

During the past two weeks, Caltech has been scrimmaging hard in practice and enthusiasm has been high. The team is using a split-T style of offense. Out of a roster of thirty players, Coach Bert LaBrucherie has the following as possible starters: Tom Deklyen and Ross Speir, tackle; George Soule and Truman Seely, guard; Jack Arnold and Leon Thomsen or Art Johnson,

end; Joe Bocklage, center; Bob Liebermann, quarterback; Ken Evans, fullback; Barry Denius and Lee Peterson, halfbacks.

Coach LaBrucherie has scouted UC Riverside and reports that they have "a good wide attack, good inside attack, and good all-around ball club". UC Riverside employs a pro-type offense with a flankerback and spread end. So far they have made very effective use of this offense by letting the quarterback roll out with the option of

running or passing. In its last encounter, a 22-12 loss to last year's SCIAC second place finisher Redlands, UC Riverside was very much in the game until late in the fourth quarter.

After a week's drill the freshmen have shown lots of hustle and have several outstanding players, according to Coach Keith Jensen. In the backfield Steve Dodge, Bill Owens, Marty Westbrook, and Gordon Myer have looked especially good, while on the line Andy Kampe and Lee Wallace stand out.

The freshman team is still in need of a manager. Anyone interested should see Coach Jensen as soon as possible. The first game is on October 13 against Oxy.

Caltech Grads Grow Richer

Starting salaries received by Caltech graduates are up over previous years, Dr. Donald S. Clark, director of placements, revealed recently. The median monthly salaries were \$800 for Ph.D.'s, up from \$690 in 1958; \$745 for M.S.'s, up from \$625; and \$585 for B.S.'s, up from \$500.

The major interest of the interviewing firms was the Ph.D. candidates. This was due to the high proportion of men who continue on to graduate work. Three-fourths of the B.S. degree holders and one half of the M.S. men planned to do further graduate work. The financial value of the higher training is shown by the median monthly salaries of the men at the three degree levels. In the field of electronics, the median for Ph.D.'s was \$1,040; for M.S.'s, \$750; and for B.S.'s, \$650. The \$650 figure is still higher than the \$586 national median for university graduates in this field.

One hundred forty nine organizations conducted 2,283 job interviews on the campus last year.

Debate Set On Ballot Proposal

A debate will be held on Thursday, October 4, at the Pasadena Civic on the merits of proposition 24, expected to be one of the more controversial on the November ballot. The formal debate, which will begin at 8:30, will be followed by a discussion period.

The proposition, which would amend the California Constitution to deal more strongly with Communists in the state, will be debated by A. L. Wirin, an official of the American Civil Liberties Union, and by Mr. James Law, who is well-known for his anti-Communist leanings.

Carawan Concert

(Continued from page 1)

Special," and "If You've Ever Been Down and Out".

Carawan's frailing and double-thumbing on "Cripple Creek" sounded tame if one has heard Scruggs do the same number, but he made up for it by excelling Peter, Paul and Mary on "This Little Light of Mine". He had to stop once in the middle of this song to tune his banjo, and barely made it to the end before it slipped completely out of tune again.

He took time out for ten minutes to tune his twelve-string (a formidable task), talked informally about some of his experiences as part of the protest movement in the South, and gave Jim Davis and his friends a chance to try out his recorder.

After intermission he started with a song of the protest movement, "We Shall not be Moved". Perhaps fearing segregationists among the audience, he left no time for applause or hissing and moved right into a song I know as "Johnny Has Gone for a Soldier" and associated with the Revolutionary War, but Carawan's version doesn't even contain that line, and evidently is closer to the original, which was brought over from Ireland. The audience fumbled through the chorus, which is Gaelic degenerated into nonsense syllables.

A minor-key American folk song, "900 Miles from Home," followed, and another song by Libba Cotton, writer of "Freight Train, Freight Train": "Babe, It Ain't no Lie".

Gracefully sweeping his guitar and recorder off a chair onto the

(Continued on page 4)

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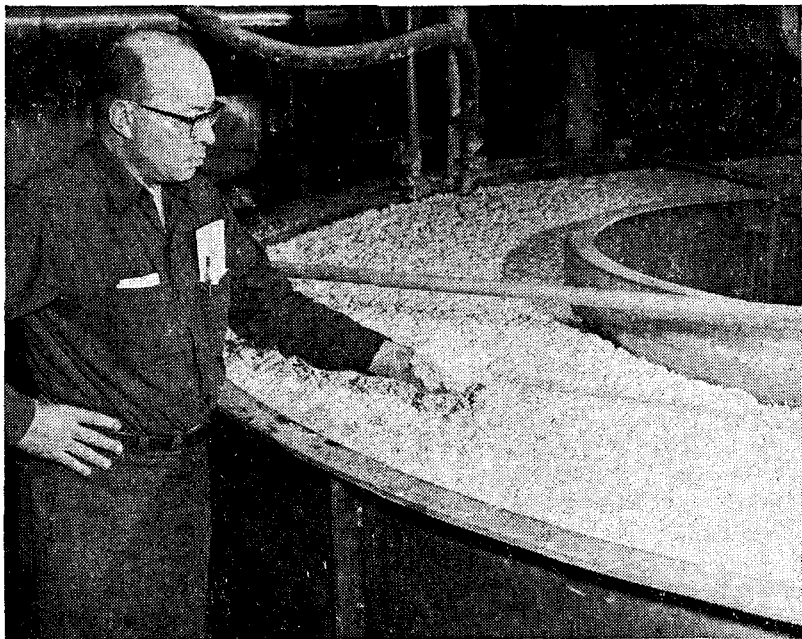


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—photo by Wally Yerbofsky
 Saga master chef frowns at extravagant amount of meat being added to Student House lasagne.

More Carawan

(Continued from page 3)

floor, he sat down with his banjo and did "Penney's Farm" by request, then two singalongs, "All Night Long," and "Heigh Ho, Boatman Row," then another request, "The Water is Wide" . . . a beautiful ballad.

Returning to the guitar, he sang "Bully of the Town," in traditional blues style.

He decided the time was ripe for another protest song, "We Shall Overcome," and found that everyone in the audience knew the words and joined in with zeal.

Complaining about the strings on his banjo, he went through the weary process of tuning it again and sang "Sail Away, Ladies," and "When I'm on my Journey," a song the Weavers put out on a single over a year ago. Evidently the record was a hit, since the audience knew the words and sang along in typical Weavers' concert style.

In "Irene, Goodnight," a new feature was added: an enraptured admirer sitting off to the left of stage singing his heart out in harmony, loud and flat.

Carawan embellished his next protest song, "Staid on Freedom," with a slow Presley-style twist. Indeed, one of the verses was, "I'm doin' the twist with my mind staid on freedom."

Next he sang another Woodie Guthrie song, "The Song of the Deported," about migrant Mexican farm laborers deported by plane.

Techmen Go To Speech Clinic

On Saturday, September 29, nine Techmen attended a speech clinic at Orange Coast College; included were six frosh and three sophomores, Gary Scott (Blacker), Roger Davisson (Dabney), and Steve Morse (Rud-dock). Various demonstrations were held on individual speaking and debate. San Diego State College and San Bernadino Valley College held a debate on the question: "Resolved: That the non-Communist nations of the world should form an economic community." A critique of the debate was given by Dr. Eugene Moulton, director of forensics at Redlands University.

The next event in which the Caltech debate squad will take part will be at San Diego State on Oct. 19 & 20. Anyone interested in forensics should see Herb Booth in 306 Dabney, or attend the debate seminar 4:00 to 6:00, Monday, in 310 Dabney.

From Other Campuses

by Richard Karp

Beginning the new year right, we would like to first refer to the MIT Tech for September 14, 1962. In their "College World," the Tech reports on the University of Vermont. It seems that University of Vermont students returned to find a new set of housing rules. Everyone except seniors had to live in a dorm or a fraternity. Seniors are permitted to live in apartments subject to the following condition, according to the Tech:

"Apartments must be no larger than one room and can have no private cooking facilities. A 'University approved' resident must be present in the apartment building at all times. If this resident goes away for any reason, he must be replaced by a University-approved substitute during his absence.

"Apartments are to have no private entrances. They must be open to inspection by the dean's office at all times. Furthermore, apartment owners must report all infractions of University regulations to the dean's office at once."

Excellent advice.

The Vermont students to get these rules rescinded hung the Dean in effigy, withdrew \$35 per student pledges for a new gym, circulated a petition, and held mass meetings. None of these had any effect and the Vermont students are now attending school amidst a sea of liberality. **Sage Advice Department**

The Occidental for September 14, 1962, writes as one of their editorials "Some of us at Oxy will remember how discreet and organized student action once kept an unwanted innovation from being carried out. The arousing change . . . would have shortened vacation time.

"It strikes us as the height of folly that students will act so swiftly when their so-called 'free' time is challenged yet adamantly refuse to move against college regulations which they find irksome and which govern 75% of their year, not merely 75 hours.

"You must remember that you have not sold your mind and your soul to the college; you have not even leased them. If

anything, you have given them in trust and you break that trust if you allow either mind or soul to be tainted by rulings which you find to be contrary to your own best judgment."

Oxy Asininity

In the same issue of the Occidental is a bit of high school journalism in high contention for this year's etaoim shrdlu award. Under the headline "Intellectually superior freshmen: are they for real or just a joke?" runs two stories, one by a freshman and one by a sophomore. We quote at random from the two stories:

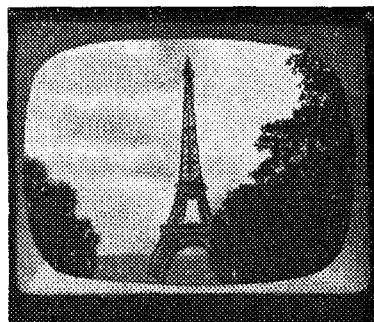
"The sophomores bribing some of the noon hour judges shows a complete lack of fairness. They just don't have any ethics!"

"Campus gadfly and bon vivant, Jim Hosney, flatly asserts, 'Sophs are bitchin'."

"The freshmen have more guts than the sophomores."

"My daddy can beat your daddy."

The stories carry on in this spirit. Ah, well.



Reflections of Telstar

Remember the picture above? It flashed across your television screen on a hot night last July. Perhaps you remember that it originated from France. And that it reached the U. S. via Telstar, the world's first private enterprise communications satellite.

Since that summer night, the Bell System's Telstar has relayed electronic signals of many types—television broadcasts, telephone calls, news photographs, and others.

But there's one Telstar reflection you might have missed. Look into the faces of the Bell System people below and you'll see it. It is the reflection of Telstar's

success that glowed brightly on the faces of all who shared in the project.

Their engineering, administrative and operations skills created Telstar and are bringing its benefits down out of the clouds to your living room.

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