Hanna Concludes AUPS Series; To Discuss SE Asia Problems

BY MATT COUCH
Willard A. Hanna, the final member of the American Univer­ sity Field Staff to visit Tech this year, will arrive on campus next Monday, February 20. He will report on his recent trav­ els in Southeast Asia, where, from his base in Kuala Lumpur, Malaya, he made, in particular, two extensive trips to Indo­ nesia.

Hanna's analysis of condi­ tions in Indonesia should prove to be interesting, as the follow­ ing quote from one of his Au­ gust, 1960, AUPS reports indi­ cates: "A few years ago, it was rou­ tine to pronounce Indonesia the land of unlimited possibilities. To­ day, it is routine to call it the land of numerous problems. President Sukarno and his clique have now crowded out the more constructive, responsible national­ leaders. They have imposed such obstructions upon the na­ tive's development that Indo­ nesia lags a good ten years behind most of Southeast Asia, and anyone who seeks to push it forward seems certain to be frus­ trated. They have also induced such widespread forces of an­ tagonism and anarchy that the one unmistakably limitless pos­ sibility in Indonesia today is the possibility that the Sukarno re­ gime can survive much longer."

Hanna has had a professional and scholarly interest in the Far East since 1923, when he went to China to spend four years there as a teacher. He earned his B.A. degree at the College of Wooster, an M.A. at Ohio State University, and a Ph.D. in English language and literature at the University of Michigan.

He served with the Army from 1942 to 1946, reaching the rank of Lieutenant Commander. He landed on Okinawa during the occupation forces and stayed on until nine months after the end of the war as Chief of the Mil­ itary Government Office of Edu­ cation and Cultural Affairs. From 1947 until 1964 he held senior posts in the U.S. Govern­ ment information program. Dur­ ing this time he served for a year in the Philippines as Cultural Officer and for five years in Indonesia as Chief Public Affairs Officer. He attended the National War College in 1952-­ 53 and then was assigned to Tokyo as Chief Public Affairs Officer for Japan, a post he held until August, 1964.

Most of Hanna's published works have appeared under the AUPS imprint. In addition he is the author of "Destiny Has Eight Eyes," a novel based on events in China in the late 1930s. (Continued on page 9)

BOD Announces 17 Honor Keys 20 Certificates

The awards of Honor Keys and Honor Certificates for out­ standing students involved in extracurricular activities were an­ nounced last Monday by the ASCIT Board of Directors. The period of activity for which the awards are assigned is the third term of this year, the first two terms of this year are un­ der consideration, and all three terms of this year for Seniors. The awards announced are as follows:

HONOR KEYS
Bill Bauer, Larry Brown, Rod Dokken, Joel Dominy, John Golden, Sid Latbich, Tim Litle.

HONOR CERTIFICATES

Trustees Pick New Members

Three eastern business execu­ tives have been elected to the Board of Trustees.

The new trustees are Robert R. Ingersoll, president and chief executive officer of Borg-War­ ner Corporation, Chicago, Illinois; Jack Pace, Jr., chairman and chief executive officer of Gener­ al Dynamics Corporation, New York; and Thomas J. Watson, Jr., president of International Business Machines Corporation, New York.

Ingersoll joined Borg-War­ ner in 1939 and held managerial po­ sitions in several of its divisions until 1953, when he was named administrative vice president of the parent company. Be­ came president of IBM in 1956 and chief executive officer in 1958.

He is a director of the First National Bank of Chicago, Con­ tinental Corporation, the Chicago Association of Commerce and Indus­ try, and the Chamber of Commerce of the United States. He is also a member of the Defense Transportation Association.

Face has been special assistant to the Attorney General, executive assistant to the Postmaster General, and assistant di­ rector of the Bureau of the Budget. In 1949 he was appoint­ ed director of the Bureau of the Budget, and in 1950 he was made Secretary of the Army.

He joined General Dynamics Corporation in 1952 as executive vice president. He became pres­ ident in 1957 and board chair­ man in April, 1959.

He is a director of many compa­ nies, among them the Amer­i can Viscosity Life Insurance Com­ pany, Carriers & General Cor­ poration, Colgate Palmolive Com­ pany, and Continental Oil Com­ pany.

Matson has been with Inter­ national Business Machines Cor­ poration since 1951, except for a five-year period (1940-1945) when he served with the Army Air Corps as a bomber pilot. He was elected president of IBM Corporation in 1953 and chief executive officer in 1958.

(Continued on page 10)
In making up your mind on each contest we urge that you primarily compare the candidates' written statements and their speeches in the Houses. In the latter they will be presenting their personal qualifications and interest in their office, important factors which in most cases we did not have space to include in the California Tech and which we felt would make dull reading.

Try to decide whether the people who claim to have lots of new, fresh ideas also have the ability, the awareness, and the experience to really carry them out and to keep carrying them out over a full year of office.

In the contests in which there is a strong, outspoken candidate running against someone whose views are not widely known, try to judge the competence of the lesser known guy before arbitrarily opposing the stronger personality. We do not feel that a person who has held a position this past year which has forced him to reveal his weaknesses publicly should be turned down in favor of someone whose weaknesses you have not tried to discover.

We do not feel it is responsible voting to cast a ballot primarily on the basis of a few guys in the lounge or in the alley saying without qualification that they do not like a particular candidate or that they do like a particular candidate. In many such cases we have discovered that the person talking knows only one of the two candidates.

We like to think that Caltech students are clever enough to realize that the facts gathered from the statements, the speeches, and conversations with students who have met both candidates would be a more rational and responsible basis for voting.

We hope you will take an interest in the campaigns and try to vote wisely.

Rotation Decision

The Interhouse committee will decide tonight whether to recommend an arbitrary assignment plan or the rotation plan to the faculty Student House committee. We have sat in on all of the IHC's closed meetings on the rotation question and from our observations we feel it is fair to say that the decision tonight will be a carefully and reasonably thought-out result.

The presidents have shown all evidence of seeking the opinions of the members of their Houses and also of seeking to understand the reasons behind these opinions. The same has been true for the opinion of the Resident Associates, other faculty members, and the opinions of each IHC member. House conflicts and prejudices have been kept to a minimum.

We would like to commend the IHC for a good job of handling a very difficult problem.

What's it take to make the right connection?

Plenty! Consider the problem. Western Electric manufactures the switching systems which connect some 60 million Bell telephones throughout the U. S. The average call of today's electromechanical system requires 420 relay operations. All together, this interconnection equipment, which is the heart of what is, in effect, the world's largest machine.

That's where Western Electric and you come in. The switching equipment for this "machine" involves an enormous manufacturer's job carried out at dozens of places throughout the country. Because of the size and service requirements involved, we require qualified personnel to exceed those of ordinary manufacturing. The size of this job presents Western Electric with one of the greatest challenges to the engineer who may save the Bell System many thousands of dollars by even a small cost-reduction step.

Today's switching calls for a priority on engineering, tomorrow's will be even more exciting. For even now the revolutionary Electronic Central Office is under field trial and promises to remake the world of telephony.

Futurists and engineers, working closely with their counterparts at Bell Telephone Laboratories, will concentrate heavily on developing manufacturing methods for this ECO equipment.

Your Western Electric assignments may cover many of our other responsibilities as the world's leading communications manufacturing company, work on an electronic switching system, microwave transmission, or even on a satellite communications project. Joining Western Electric may well be your right connection.

Opportunities exist for electrical, mechanical, industrial, civil, and chemical engineers, as well as physical science, liberal arts, and business majors. For more information, get your own copy of "Your Career" from your Placement Officer. Or write the Sub-Relations, Room 475, Western Electric Company, 190 Broadway, New York 7, N. Y. And be sure to bring your resume to the Bell System recruiting team visits your campus.

---

California Tech

Letters

Student Council

To the Editors of the California Tech:

In the upcoming election a matter far more important than which obscure person holds which obscure ASCIT office will be put before the student body for their consideration. The proposed amendment to change the name "Board of Directors" to "Student Council," will alter the emphasis of the ASCIT ruling clique from being directors to being students. This shift is essential if we are to make ASCIT more responsive to the wishes of the students.

The BOD, in frantic attempts to bury the Amendment, first ignored it, then shifted to ExComm for its recommendation, then ignored ExComm's recommendation. Finally last night in a second vote on the matter, the BOD reluctantly agreed to place it on the ballot as long as they could include an un-presidential Don't Care box along with the usual Yes and No boxes. Since a Don't Care vote is equivalent to a rejection of the BOD's interpretation of the rules, they hope that by the inclusion of the Don't Care, the Amendment will lose. Under their rules, your abstention counts the same as Dave Pritchard's no. On the BOD, Clyde Zaidlin has been the only member who dissented, feeling as does his pretty fiancée Flo Brown that "The Amendment will provide for greater communica­tion between ASCIT and the student body."

One hundred fifty petitioners have urged the passage of this Amendment. We hope that the student body will join in the petition objecting of changing the present emphasis of the past into the humility of the future.

David Kubrin
Al Bernstein
Al Heffner

Mayer Voices New Opinions

PETER MAYER
Editor, California Tech:

I think people forget what a neat device rotation is and how important a part of our education as future leaders in industry and of the country the experience of rotation can be. We are aware that by altering the BOD's interpretation of the rules, they hope that by the california Tech
TECH EDITOR - TAYLOR

BY LANCY TAYLOR

Running a student body publication is a funny job. If the editor of a newspaper like the California Tech is good at what he does, people will believe he's a good journalist even if he's not much run-of-the-mill. The student body expects, and gets, a good newspaper every Thursday.

On the other hand, if the editor is not so good at his job, then all Hell breaks loose. At a school like Caltech, where the students are usually consistent­ly good for the past four or five years, a sudden decline in the quality of the paper would rank as a disaster almost equal to somebody's blowing up the Student Houses.

I don't want this situation to come about. That's why I'm running for editor of the Cali­for­nia Tech — the campus needs a good newspaper. I am confident that I can turn out a good paper for several reasons.

First — I've been working on the Tech for three years now, and I know just how this par­tic­ular newspaper works. This is the only business in the week-to-week business of putting out a paper, as any one who has done it, but now frustrated editor will tell you.

LONG EXPERIENCE

Second — Aside from the Tech, I know a lot about the newspaper business. I was raised in a printing office, and I have never written a newspaper article. More publications than anybody else on campus, with the exception of my few Hatchings of Engineering and Science. In my years of being a semi-professional journalist, I've picked up a lot of ideas about how to put out a paper, and I plan to use them on the Tech.

Third (and this relates to the previous two points) — I am quick to point out that I believe we have a very great deal more about putting out a newspaper than do my oppo­nents. They seem to believe that it is a very easy task to sell off ideas (as they have been doing) about what you want to do. The Tech is a paper that is often ter­ribly hard to put in plain English, and I am convinced that we have a better chance to learn how to write headlines and how to manage a staff before they think of better and more interesting features or closer communication between the California Tech and ASCIT.

THREE FUNCTIONS

Now, as I see it, a campus pa­per like the Tech has three es­sential functions to fill for the student body. It should provide informative and wide-ranging news coverage of campus events; it should provide essential functions to fill for the student body; it should provide informative and wide-ranging news coverage of campus events; it should provide close communication between the California Tech and ASCIT.

In years past, the Tech has done a fairly good job on all three of these needs — a good job but one that can be im­proved upon. I plan to make some improvements.

As far as news goes, I think the Tech's coverage has been very good. I believe this is also the case with the Associ­ated Collegiate Press — which just happens to be a small-­run newspaper in the college papers. The Tech can, how­ever, give better coverage in college off­campus events. One of the places where the Tech is small events — like the Y Film Series or the Car­

tegle Series or the chamber music concerts. Another is the area of news features — stories on things ranging from the radio­wieldin­g to scientists at work to the Civil Defense Group. I plan to increase this type of coverage a great deal.

FEATURE PROBLEMS

In the feature section last year, the Tech was faced with two essentially unfilled gaps — it is very hard to write as well as Marty Carnoy and Brad Efren. Several students, however, bid fair to do the difficult job of writing articles which are both witty and controversial, I have talked to several of these people, and I plan to use their offerings.

Also along the feature line, I plan to run several columns. I intend to resurrect that old fa­vorite, "Campus Brews," and I also plan to run columns in serial, two or three weeks on bid, say, then times two or three weeks on something else.

STROM EDITORIALS

On the editorial page, I am sure I can follow a strong and consistent policy. As anybody who knows me will point out, I have opinions on a great many areas, and I am not afraid to state them. The function of an editorial page, as I see it, is not to convince people just how to think on issues, but to en­courage them to think. I am convinced I can do this. (If I can't do it, incidentally, there are, again, several people on campus who are willing to try.

To this end, I have been think­ing of running a "hitch" col­umn, where I will try to learn how to write headlines (and how to manage a staff) about what you want to do. The Tech is a paper that is often ter­ribly hard to put in plain English, and I am convinced that we have a better chance to learn how to write headlines and how to manage a staff before they think of better and more interesting features or closer communication between the California Tech and ASCIT.

It

Nuclear power

at the Atomics

International Division

(Poway, Calif.)

Electronics &

mecha­nism

at the

Autotics

Division

(Berkeley, Calif.)

Nuclear

A Naval

Air

EELs and missiles & the

Columbia Division

(Columbia, Ohio)

Los Angeles Division is the home

of next-generation manned weapon systems — the Martin-Tomahawk, "Mad Dog," and the T-38. The Los Angeles Division is the home of next-generation manned weapon systems — the Martin-Tomahawk, "Mad Dog," and the T-38.

Propulsion

systems and con­

cepts at the Rocketdyne Division

(Corona, Calif.)

Space exploration & missiles at the

Space & Information Systems Division

(Beverly, Calif.)

SIS Division produces the GAM­

77 Hound Dog missile and concen­

trates on unmanned and unmanned space exploration vehicles and anti­

ICBM projects, and management of information processing systems.

Advanced opportunities for engineers and scientists with graduate degrees. See Your Placement Office Today For Interview.

NORTH AMERICAN AVIATION, INC.
Candidates' Statements

ASCIT PRESIDENT
JOHN GOLDEN
In my mind, this year I thought I was qualified for the job of Treasurer with reference to his specific duties. I will now mention some things I will go on. I have a good sense of the overall picture of the financial situation of the institute, and I believe I can handle the job with ease.

I have been on a Board committee which has some by-laws revisions under consideration. The financial matters are quite important, and I believe I can handle them effectively. I have also been active in the student council and have a good understanding of the overall picture of the student body.

I think I can be a good representative for the student body and can handle the job with ease.

ASCIT TREASURER
JIM GEDDES
Each year, as the time for ASCIT elections draws near, the question again arises at what to can be done to change ASCIT so that it will be a more efficient and effective organization. ASCIT is a very important part of the student government, and it is important that we do what we can to improve it.

I believe that ASCIT can be improved by making changes in the way it is run. I think that there are several specific proposals which are prerequisites to any major change. I think that these changes are long overdue.

I think that ASCIT needs a new approach to its problems. I think that we need to look at the whole picture of ASCIT and try to find ways to improve it. I think that ASCIT should be more efficient and effective in the way it is run.

ASCIT SECRETARY
ARTHUR ROBINSON
I believe that the ASCIT secretary is a very important position. The secretary is the agent of the ASCIT board, and it is important that the secretary is able to handle the job efficiently.

I believe that the ASCIT secretary should be able to handle the job efficiently, and I think that I am qualified for the job. I have been on the ASCIT board for several years, and I have a good understanding of the overall picture of the institute.

I think that the ASCIT secretary should be able to handle the job efficiently, and I believe that I am qualified for the job.
Thursday, February 16, 1961

THE CALIFORNIA TECH

Page Five

IHC PRESIDENT

BILL HOGAN

In spite of the fact that each of the seven presidents sitting on the IHC will be representing his House and will face the IHC problems from a slightly different viewpoint, it is my hope that I can help to bring a high degree of constructiveness to the group. By a constructive group I mean not only that one which solves its problems quickly and efficiently, and takes action to produce the desired end, but also that one which preserves the minimum of hard feelings and conflicts in the process.

I propose several steps to accomplish this. The following meetings would be in the form of informal non-business get-togethers. This would serve to introduce the presidents to each other and to me as a purely personal, friendly level. The more we knew about each other on an informal basis, the more conscious we would be of each other without producing reaction. After this brief period the first item of business would be to define as well as we can exactly what the IHC president's responsibilities are to the group. The IHC president's executive authority should come directly from the presidents of the IHC. When his position is defined in this way, it will be much more apt to have the support of the members of the IHC in his actions and representation. At the same time the IHC members should be able to select a secretary on a basis of experience and interest in the job.

The meetings themselves would be set up at a time most convenient to all in such a way as not to place too much of a strain on any meeting. By stressing personality, confidence, and openness, I hope that we will be able to fit the problems with the constant bickering that arises from personality conflicts and which is much more efficiently with the problems that the IHC was designed to handle. It is the body to which the ASCIT has final vote power. It has final power over all House social events, and it holds several functions of its own. It serves as a channel of the Honor System. It is the body to which the faculty goes for information concerning student opinion. In addition, it has several administrative duties such as arranging the awards banquets, issuing athletic awards, and awarding Honor Keys and Certificates.

Many problems can be handled more efficiently through the Houses than through ASCIT. Things happen in the Houses in themselves rather than the student body as a whole can be best handled through the IHC rather than through ASCIT. In running the duties which ASCIT does have are any indication, perhaps competence in handling present problems is more important than success in the development of new ones. If the athletic awards are made on time, and if the Big 7 Big T comes out on time, too, probably the selection of the ASCIT officers has been a good one.

SOCIAL CHAIRMAN

PETE METCALF

"What's wrong with ASCIT?" has always been a popular subject at this time of year, and it is usually claimed that ASCIT has very few functions. If the limitations of ASCIT are recognized, this criticism seems logical. ASCIT has no control over school policy or power over civil government; it has limited control over the activities of its members. It has final vote power over all House social events, and it holds several functions of its own. It serves as a channel of the Honor System. It is the body to which the faculty goes for information concerning student opinion. In addition, it has several administrative duties such as arranging the awards banquets, issuing athletic awards, and awarding Honor Keys and Certificates.

Many problems can be handled more efficiently through the Houses than through ASCIT. Things happen in the Houses in themselves rather than the student body as a whole can be best handled through the IHC rather than through ASCIT. In running the duties which ASCIT does have are any indication, perhaps competence in handling present problems is more important than success in the development of new ones. If the athletic awards are made on time, and if the Big 7 Big T comes out on time, too, probably the selection of the ASCIT officers has been a good one.
Sports
Caltech Whips Stags; Face Whittier Friday
Claremont-Mudd fell victim to a rejuvenated Caltech varsity last Friday as the Beavers won, 58-52. During the first half, the Beavers fought on even terms with the visitors, the Beavers hanging hands several times. At intermission Caltech led, 23-21. Immediately after the start of the second half, the stage came to life and it looked like they might pull away from the Beavers, as Claremont scored five points while Caltech scored one. But the Beavers were not to be denied, and came roaring back during the second 10 minutes of the second half, until with five minutes remaining they led by 13 points, 51-38. In spite of five minutes remaining they led, the Beavers could not break free to force the guards into throwing the ball away. The biggest factor in the game was a new defense employed by the Beavers, in which the guards press their men from about 10 feet into the back court. Claremont's slow forwards could not break free to receive passes from the harassed guards, and on several occasions the Beavers were able to force the guards into throwing the ball away.

Friday night Caltech travels to Whittier to engage the second-place Poets. In their last meeting, the two teams played evenly until the last few minutes, when the Beavers grew tired and lax in their defense. The Poets recently lost a game to Pomona, 63-58, and the Beavers don't want to be outdone.

Sponsors can make contributions in support of the Associate Director of Athletics, Illinois Wesleyan University, Bloomington, Illinois 61704.

Swimming Team Meets UCLA, L.A. State In Season Premiere
The Caltech varsity and freshman swimming teams open their 1961 season this Saturday, February 18, against UCLA and Los Angeles State at UCLA. The meet will be scored as a double dual, in which Tech competes against UCLA and L.A. State, but the latter two do not compete against each other.

Only limited information is available on both the Tech and UCLA teams since it is early in the season, but preliminary reports indicate that UCLA is stronger and better balanced than when they beat Tech in a close meet last year, and are favored to take the meet.

Gary Tibbetts is expected to spark the Beavers in their first outing, along with junior Gary Turner and sophomore Bruce Cheesbro. Tibbetts turned in a 220-yard freestyle time of 2:10.8 last week in an intrasquad meet, then followed it up with a 54.6 time in the 100-yard free. The latter time is the best that Tibbetts has ever done in a gun start, 100-yard.

Gashan of UCLA turned in a 2:10.7 in the 220-yard free event against SC and then did a 54.7 in the 100-yard free. Tibbetts will have close competition early in the season.

In the 100-yard free, Bruce Cheesbro turned in a 50.9 second effort, then rolled to a victory in the 50-yard sprint with a time of 24.6, equal to his last year's best time. Mickey Newton turned in a 25.5 effort in his 50 sprint.

In the back stroke, Gary Turner is expected to do well, but will have his hands full when the 2:25.3 time of Doubles of UCLA. Turner's previous best is a little slower than this figure. Pete Mayer is giving his best to fill the shoes of Marshall Buck and Bill Hogan; the latter two placed first and second in the Conference last year, but are not out for the team right now. This will hurt considerably in the meet against L.A. State and UCLA.

Bright star of the freshman team is Larry Selh, who had efforts of 2:26.0 in the 220-yard free and 5:05.5 in the 440-yard free events. Selh is presently only two seconds shy of the fresh record in the 220-yard free, held now by Larry Daulk, who has moved up to the varsity team.

The remainder of the freshman team is untested, and the UCLA meet will hopefully sort out the squad members and jell the team.

Against UCLA, the fresh will be the underdogs, especially when one considers UCLA's Drowen, who has turned in a 51.0 flying start 100-yard free, and a 2:13.0 200-yard butterfly time, both excellent by anyone's standards.

Next week, February 24, the varsity will meet Santa Monica City College at their pool, while the fresh team will take on Pasadena City College.

New additions to the family!
The two new telephones in the bassinet are the result of a perfect marriage of research and design. They illustrate the way GenTel constantly strives to make the telephone an ever more convenient and helpful service of modern life.

The Starl® phone in the foreground is a new "compact"—only half the size of a standard desk phone. Its PANELSCAN® (electroluminescent) dial glows in the dark for easy dialing and can be turned up to serve as a night light.

The Space-Maker® phone occupies much less space, 60% smaller, with a 19.5" cord. It hangs anywhere on posts and in tight corners. Both dial and handset can be adjusted to fit the space and the convenience of the user.

These new and modern phones for the home were developed by our subsidiary, Automatic Electric, largest supplier of telephones to America's Independent telephone industry.

They are but two examples of how General Tele-Electronics works to improve equipment and advance communications for the home, for industry and national defense—both here and abroad.

*Trade Mark

Ingersoll-Rand will interview Graduating Engineers (B.S., M.S., Ph.D.) February 23
I-R is one of the foremost builders of fine machinery for world-wide applications. If you are mechanically inclined no matter what your engineering major it) and are interested in sales, design, and/or production, come in for an interview. Combination engineering and business degrees are most welcome.
Last Tuesday marked the end of the basketball season as far as Scott Drowos' gymnastics is concerned, for Oxy was the last home opponent exceptionally well-balanced—no one was clearly a star. Although this means that the team will probably not be heavily represented on the All-Conference squad, it is a factor which molded the team into a united, potent team, capable of giving anyone a tough battle. Even Whittier and Redlands, two of the nation's strongest small college teams, found the Beavers tough— it took both of them three-quarters of the game before they pulled away.

Including the game with Oxy on Tuesday, the six top scorers for the Beavers are:

<table>
<thead>
<tr>
<th>Player</th>
<th>GF</th>
<th>FG</th>
<th>FT</th>
<th>P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roger Noll</td>
<td>17</td>
<td>8</td>
<td>0</td>
<td>27</td>
</tr>
<tr>
<td>Tom Begg</td>
<td>16</td>
<td>5</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>Bill Ripkas</td>
<td>15</td>
<td>10</td>
<td>1</td>
<td>24</td>
</tr>
<tr>
<td>Dean Gerber</td>
<td>15</td>
<td>7</td>
<td>1</td>
<td>23</td>
</tr>
<tr>
<td>Larry Brown</td>
<td>17</td>
<td>4</td>
<td>1</td>
<td>22</td>
</tr>
<tr>
<td>Gerry Clough</td>
<td>15</td>
<td>4</td>
<td>4</td>
<td>14</td>
</tr>
</tbody>
</table>

Bopp leads the team in scoring average, with 13.3 points per game.

The team now faces three tough games before the end of the season. Friday is an opportunity for the Beavers to turn things around. Both Nixon and Keil made fine efforts last week, but they will have to continue to work hard if the team is to achieve a winning season.

Tech Track Men Lacks Depth In Several Divisions

There is a serious lack of depth in the throwing events. Julian Noble and Bill Francis are the only men out for the shot and discus; and Aram McKjian, a potential 200-foot javelin thrower, is listed on the event.

Last week saw the first appearance of the Tech Thinc1ads on the cinders at T.P. With most of this year's prospective track men still working for a moment. Both Nixon and Keil look good. Tom Keil and Jan Saam, who turned a 9.9 in the throwing events, but is very promising, should do well in their respective events.

For the '61 season. However, as in previous years, Larry Brown and Bill Ripkas are nearing the end of their careers. Both are good half-milers, and deserve the support of the students in these last games.

Racket Men Overwhelmed

The varsity and freshman tennis teams took on national powerhouses Nebraska last Saturday, and while the upperclassmen were walloped 9-0, the frosh showed some strength in holding the Bulldogs to a 5-4 victory.

All the varsity players went down to defeat, with only sixth man Ted Gibbs able to last three sets.

For the frosh, Lishom, Latham, and Hammer picked up singles victories, and the team of Latham and Medoff won their doubles match to give the Beavers their four wins. The top player for the frosh, Lishom, looked excellent in defeating the Bulldogs' best frosh, 6-4, 6-1.

Saturday the Beavers face Pomona. The varsity should emerge victorious, but Pomona is a potential contender and might pull an upset.

Golfers Seek Team Members

Help is needed for the Caltech golf team! Although interest is shown in the golf team in the near future, it will remain non-existent, as it is now. To fill out the team, at least three more people are needed. This can be done by shooting in the high 80s or better, are needed. Privileges will probably be extended to members of the team by Annandale Golf Club this year. Anyone interested should contact Ken Larson in HACKETTA, soon.

Electrical Engineers

LENKURT Electric Company

Lenkurt Electric Company is one of the largest manufacturers of electronic components, in the field of electronic communications and high speed data transmission. Lenkurt is a principal supplier of this equipment and has a leading authority in development of its products. LENKURT is a subsidiary of General Electric Company, and its products are extensively used by the Air Force, Navy and Army. Lenkurt is a member of the Los Angeles area Chamber of Commerce and a member of the Engineering Placement Office. It will visit the campus FEBRUARY 24

If You Are Graduating in June...

and interested in joining the LENKURT family of communications engineers, contact the Los Angeles Engineering Placement Officer on Friday, February 17

LENKURT ELECTRIC COMPANY

1102 County Road
San Gabriel, Calif.

You can speak any foreign language fluently in an amazingly short time. CALL FOR A FREE TRIAL LESSON

BERLITZ School

170 S. Lake Avenue, Pasadena

SENIOR LANGUAGES

AIR CONDITIONED STUDIOS FREE PARKING

Call for a free trial lesson.

BERLITZ

School of

LANGUAGES

42nd Year

GERMAN, RUSSIAN, FRENCH

You can speak any foreign language fluently in an amazingly short time.

CALL FOR A FREE TRIAL LESSON

170 S. Lake Avenue, Pasadena

SENIOR LANGUAGES

AIR CONDITIONED STUDIOS FREE PARKING

Look to Berlitz for languages!
Beavers Select Gerber, Taylor
The Beavers added two juniors, Dean Gerber and Lance Taylor, to their ranks at a meeting Sunday evening in the home of Ed Hutchings.

The group reviewed a film published by an engineering and science magazine that was filmed at Caltech a few years ago with plans to use it as part of the Beavers' high school visitation program.

They have sent letters to fifty local high schools offering to send members to talk about the advantages and opportunities in coming to Caltech.

Tech UN Reps. Plan Practice
The Caltech Model United Nations Delegation picked up a full head of steam last week as the six members of the delegation chose the committee on which they represent the Dominican Republic.

Among the various committees are the Special Political Committee, the Economic and Social Committee, and the Committee on Disarmament, and the Committee on Economic Advancement.

MUN Chairman Roger Noll is presently in the process of organizing a practice session with one or two other local colleges to be held sometime in the near future. The MUN General Assembly will meet at the University of Oregon on April 12.

Letter Speaks On Rotation
(Continued from page 7)

The houses know anything about the fresh and the frosh anything about the Houses. Therefore, rotation should be reinstated and preserved in order to give the house-turned-politicians a greater chance of success.

Although the acquiring of social grace is certainly the best result of rotation, learning how to properly use one's time is also valuable. Most freshmen just don't know how to budget (Continued on page 10)

ROTC Gives Cadet Awards
The Caltech AFROTC had a parade and review ceremony, followed by a change of command on February 1. During the parade and review ceremony awards were presented to Ken Casey and Gary Walla.

Casey was designated a Distinguished AFROTC Cadet and was awarded the Distinguished Cadet Badge. Walla was awarded the AFROTC Medal. More will be said about the riflemen in the next issue's first term.

In the change of command ceremony John Todoroff turned over the command to Casey. Todoroff was awarded the Cadet Corps Commander Citation Cord.

Casey's new staff will include George Mounch as Administrative Officer, Walla as Operations and Training Officer, and Rolf Richter as Executive Officer.

The new commander of Flight A is Jerry Siegel and the commander of Flight B is Dave Turner.

The Appeal of BATIK
Batik Print sport shirts by Arrow capture the look of the hand-worked prints of Java.

These richly colored shirts provide your wardrobe with a new expression of color. Styled in the authentic button-down collar.

Long sleeves $5.00
Short sleeves $4.00

The personality of the California Tech - a process which should never have become necessary. Let's analyze what is wrong.

FEATURES FALLEN
Once the pride of the California Tech, its Feature Department has fallen to take one step toward improving it. Lately our opponents have been borrowing some of our ideas for improvements which we shall list below. We hasten to point out that he has spent a year as Managing Editor under the "old regime" with no action. His paper is there to see.

Our election platform is the resurrection of the California Tech - a process which should never have become necessary. Let's analyze what is wrong.

EDITORIALS EXCITING
Editors, once bold, concise opinion, have faded into timid, unimaginative pap. Response, an excellent measure of editorial quality, has been poor. The Letter-to-the-Editor department, once vitally and amusingly running, has but disappeared from the paper. The thought-provoking questions that have awakened are desirable if they lead to thought-determining evaluations.

DISARMAMENT
The acquiring of targets alike deserve good sports coverage. But the standings of our major teams are not printed, and minor sports are slighted. Articles have considered some inaccuracies (such as the swimming team prospectus which rated the team's chances on the basis of people not even out for swimming). Sports reporting demands more than the careless hack treatment it has received under the current Managing Editor.

REMEDY: NEW EDITORS
All right, what's to be done? With the Benson-Molho team, believe we have answers. We have people ready to write on subjects missing too long from the paper. Our feature department will include columns on the Department of the Week's, student life, grad life, city life. We've located writers whose talents match those once on the Tech staff. We intend to give them free reign.

In addition to these improvements, we also intend to include coverage of important events at the university. We shall strive to feature material available from them on an exchange basis. Another special feature will be "Out of the-way entertainment in the area" or "esoteric attractions" guide.

Our editorials will be printed when they deserve the space. We will editorialize with a clear object in mind and take definite stances after careful evaluation of problems. Being in a position of easy access to information, we will take pains to get all the facts before formulating our opinions.

We intend to improve sports coverage by maintaining a staff of sportswriters and by emphasizing an accurate, complete, accurate reporting.

RESULT: AN EXCITING PAPER
In short, we're out to provide an interesting and exciting paper - one worth reading and worth working on.

As the team, we feel confident that the very diversity of our own interests will aid our idea of a many-flavored paper. Abell, a junior geology major, has, had journalistic experience in pre-Caltech days during which time he received public recognition for his editorial ability. Benson, a junior E.E., is current editor of Tetem, on the YMCAs cabinet, and a McKinnon essay prize winner. Med- ho, a sophomore E.E., is a former Tech staff member who was also active in the publication of last year's Little K. We expect that instead of losing staffers, our lively, rejuvenated California Tech will attract the larger, open staff it needs and deserves.

We have some ideas, some talent, some writers. With these we will awaken the California Tech from its one-year slumber and rebuild it to a newspaper of major stature.
Plays Worthwhile: 'Zoo Story' Excellent

Two first-rate, if a bit avant garde, plays currently showing in Los Angeles are 'Krapp's Last Tape,' and 'The Zoo Story.' They are both one-acters, and they both produce on the same program an obtuse conceit placed the Stagg Station Theater (near the corner of Melrose and Doheny).

"Zoo Story," a first play by Edward Albee, is by far the better of the two. It deals with man's inability to communicate with man, and compares very favorably to Ionesco's similar work. It is, basically a dialogue as well, only average, but not by much.

Betz in this case) to put on a tour de force, between two people - one a man's inability to communicate with a similar subject. It is, an auspicious shift, wandering outsider. At the end, the conformist kills the outsider.

"The Zoo Story" is ironic through-out, and is morbidly humorous in some passages - as when the outsider tells of his adventures in birthing a savage dog with hamburger. It sometimes gives the impression of something very, very advanced written by some one young and very, very clever, but this may be the fault of being a first play. Presumably Albee will be less precious in the future. As it stands, "Zoo Story" is an auspicious start for a new playwright.

"Krapp's Last Tape," the other play on the twin bill, deals with a similar subject. It is basically a dialogue as well, only this time one of the protagonists is a tape recorder. The one flesh and blood character is Krapp, a bitter, spiteful old recluse, and he spends the bulk of the play listening to, and commenting on, a tape-recorded monologue he made a number of years ago.

As a vehicle for an actor (Carl Benton in this case) to put on a tour de force, "Tape" is superb, as theater, it has considerably less merit.

The play was written by Samuel Beckett, an expatriate Irishman who also wrote "Waiting for Godot" and "Endgame." By comparison to previous Beckett plays, "Tape" seems both shallow and simplistic. By comparison to ordinary plays, it is above average, but not by much.

Brotherton's Farm House

Full Course Dinners
$1.00 - $1.55

Chicken, Ham, Steak, Fish, Etc.

All the Hot Biscuits You Wish

2239 E. Colorado

Open 11:30-8:30

SY. 6-5058 FREE PARKING

Interview Sked - Few Summer Jobs

FEBRUARY 17:
*General Mills - BS, MS, PhD/ EE, Ph. No summer. MS, PhD/ Ch, Reoph.
*Lenkurt Electric Co., Inc. - BS, MS/EE. No summer.
*Lockheed - BS/EE, MS/EE. No summer.
*Union Industries - MS/EE, Ph. No summer.
*Microdot, Inc. - BS, MS/EE, ME. No summer.
*Transamdy - BS/EE, ME, Ph. No summer.
*National Aero., Space Admin. - BS, MS, PhD/Ph, Ch, Ae, ME, EE. No summer.

FEBRUARY 18:
*Texas Instruments Inc. - BS, MS/ME, BS, MS, PhD/Ch, ChE, EE, Ph. No summer.
*Anacoms Wire & Cable Co. - BSCMF, BS, ME. No summer.
*Aerol-Genetl Corp. - BS, MS, PhD/Engring, Sci. Summer: Jr. up/Engring, Sci.
*Ampex Corp. - No summer.

February 20:
*Autonetics - BS, MS, PhD/ EE, ME, Ph, Ma. Summer: Mihuy/Eng.

February 25:
*Radio Corp. of America - BS, MS/EE, ME, Ph, Summer: Jr. up/EE, ME.
*American Airlines - BS, MS, PhD/ EE, ME, Ph, Ma. Summer: Mihuy/Eng.
*North American Aviation, Inc. - Atomics International - BS, MS, PhD/Engring, N engrng. Summer: BS, MS, PhD/Engring.

February 26:
*Los Alamos Scientific Lab. - BS, MS, PhD/Ch, CEE, ME, EE, ME. No summer.
*Raytheon Co. - BS, MS, PhD/EE, Ph. Summer: Jr. up/Engineering, Sci.

Last year we had the pleasure of meeting many engineering and science seniors during our visit to the campus. As a result of our discussions, a gratifying number chose to join our company. We'll be back on the dates below, and this notice is your invitation to come in and see us.

If you're interested in joining a company that's ahead faster. Research projects at Boeing include celestial mechanics, solid state physics, nuclear and plasma physics, advanced propulsion systems, and space flight.

Expanding programs offer exceptional career opportunities to holders of B.S., M.S. and Ph.D. degrees in aeronautical, mechanical, civil, electrical-electronic and industrial engineering, and in engineering mechanics, engineering physics as well as in mathematics and physics. At Boeing you'll work in a small group where individual ability and initiative get plenty of visibility. You'll enjoy many other advantages including an opportunity to take graduate studies at company expense to help you get ahead faster.

We hope you'll arrange an interview through your Placement Office. We're looking forward to meeting you.
Jon Kelly
(Continued from page 4)

man of Student Activities should work closely with the various student groups and see in what way that ASCIT can help their programs and improve the quality of student life. If it is called for. Greater recognition should be given to achievements and activities of the various clubs and organizations.

I would also like to see greater student expression in the general program rather than having decisions made on the board without first considering general student opinion. To make this possible, I propose to work closely with all student organizations and activities and from general contact with the rest of the students to find out what people are interested in and see what can be done to bring ASCIT closer to the interests of the students at large. One thing I would like to do is write a column in the paper in which I will bring ASCIT activities and group activities into focus.

In the past there has been general dissatisfaction in the quality of such things as pep rallies, after-game activities, dance class, and some other school functions. Some activities are even looked at as jokes. The Chairman of Activities should take the initiative and help improve these functions. Having had considerable experience in organizing such student activities, I think I can promote and co-ordinate a broader and more attractive program.

Rotation Letter
(Continued from Page 8)

their time and how to use it when they have it. Anything that teaches them how to use their time is desirable. Rotation first teaches them what every senior knows, that there are more important things than studying. Secondly, if they are lucky, the student learns, toward the end of first term, how to cram and use every second and minute for studying, and writing term papers and lab books. When discussing rotation, the importance of the frosh can be over-emphasized. Rotation has similar value for the sophomores and upperclassmen, also, however, in giving them something that they believe is really more important than studies to consume their time than promoting the idea at the beginning of the year from getting the idea that the subject taught here is interesting or important.

Clearly for the above reasons — learning the proper use of time and the art of infinanchism and hypocrisy — one should realize how great a mistake it was to drop rotation this year and reinstate next year.

Interviews
(Continued from Page 9)

*ESE, MA. Ph. No summer.
*Northrop Corp.—BS, MS, PhD
*EE, ME, Ph. No summer.
*U. S. Army Ord. Missile Command—BS, MS, EE, ME, BS, MC, PhD/Phd. No summer; BS, MS, EE, ME, BS, MS, PhD/Phd, Ma.

Art Robinson
(Continued From Page 6)

but I shall also make some additions in an effort to render the efficiency more effective.

The documentary articles with which you are already familiar will be supplemented by periodical articles in the California Tech summarizing the motivating behind board actions and the various sides at issue on particular questions of interest. Also, I shall see that more effective publicity is given important MSCIT events rather than leaving this up to disinterested House organizations.

It is of primary importance that the "A" in ASCIT represent that word for which it was originally intended. To this end, the Board of Directors should consider seriously such programs as revival of the assemblies period, more frequent and varied social activities, and the myriad of other possible all-school activities. We may also benefit considerably from a closer association of the phenonemal number of organizations and interesting people which make up our student body. I will, of course, appreciate very much your support in the coming election. I am certain you will not regret that support.

THE CAMPUS BARBER SHOP
New Location: South End of T-4
ALL HAIRCUTS $1.50
Two Barbers to Serve You

Don O'Hara
(Continued From Page 6)

more consistently kept up-to-date than it has in the past. In addition, I propose that the bulletin board be expanded to include a calendar of club meetings and other events which may not involve the entire student body, but which, nevertheless, affect some students in all houses.

The second improvement concerns the Consolidated Charities Drive. Up until a few years ago, this was conducted as an inter-house competition, with the faculty serving dinner to the winning house and presenting entertainment afterward. When the competitive system was abandoned, it was promised that there would be some form of entertainment for all who contributed. This, of course, has failed to materialize, and hence, I promise that, if elected, I will do something along these lines to encourage more interest in the charities drive.

In areas outside the immediate responsibility of the Representative at Large, I would like to see an additional ASCIT co-club in each term, something a bit less elaborate than present ASCIT events, and perhaps organized along the lines of the "grand amalgamated" exchange which replaced the Freshman Tea Dance this year.

In addition, I suggest that ASCIT look into the possibilities of bringing an art exhibit to the campus, and perhaps also sponsoring one or two outstanding assembly programs each year.

Sing
(Continued from page 1)

Dave Helfman, a freshman, will conduct Rudder Block House in "Biology," "Didn't I My Lawtd Delver Daniel," and "Sailor Chantey."

Don't miss RCA will interview on campus
February 21
B.S. and M.S. candidates
In Electrical Engineering, Mechanical Engineering and Physics for Design and Development Specialized Training Program, Direct Assignment, Graduate Study Program
See your placement officer now to arrange an interview with the RCA representative.

RCA
The Most Trusted Name in Electronics
RADIO CORPORATION OF AMERICA