Ricketts scores win in Sing

Fleming takes first place in ASCIT Charities Drive

Fleming House, under the able direction of Riley Jaschke, collected \$670 to win the interhouse competition of the ASCIT Charities Drive. As a reward for their efforts they will receive a dinner party Thursday, February 24, at which they will be served by faculty waiters.

The main course for the special meal will be large steaks. Following the meal the waiters and other members of the faculty will present an after dinner show to entertain the Flemingites.

Ward Whaling, Resident Associate of Fleming, is in charge this year of gathering a force of waiters from the lists of Nobel prize winners and common ordinary prize winners that comprise the faculty of Caltech. Some of the waiters will be Ward Whaling, E. B. Hutchings, Jr., Drs. Bohnenblust, Mayhew, Kent Clark, Don Clark, Neher, McCormick, Elliott, and Norman Davidson, with football coach Bert La Brucherie and Colonel Johnston of the Caltech AFROTC detachment, assisting.

Mr. Hutchings, editor and business manager of Engineering and Science," will be in charge of the entertainment. The performances will include a couple of songs, a skit and musical treat. A trio will sing a tune entitled, "Three Juvenile Delinquents."

Mr. Hutchings stated that there would be lively dinner music provided, followed by the show which will last half an hour or more. He was vague as to the titles and performers in the acts because, he said, "The surprise will add spice to the

(Continued on Page 3)

Students will pre-register next Monday

Pre-registration for third term will be held next week, February 21 through 25. At this time all undergraduates who plan to study here next term must register.

All freshmen have been as signed to sections for the third term. They are instructed to at the door for 35c. pick up their pre-registration card in 119A Throop and have it filled out. The card must be returned to 119A Throop by Friday, February 25.

All upper class students have been assigned to sections and advisors. They are requested to pick up their pre-registration card in 119A Throop, fill them out, have them signed by their advisors, and return them to 119A by Friday.

Any student wishing to change a course or section after pre-registration should report to 119A before the end of this term. Any student who does not expect to attend Caltech next term is requested to leave this information

Anyone with questions regarding sections or courses should Frosh Luncheon Club on Thurssee Mrs. Duff in 119A.

Dabney Lounge to exhibit prints

A new art exhibit will be offered at Tech next week. "Prints by Modern Masters" from the collection of Fred S. Grunwald will be displayed in Dabney Lounge from 9:00 a.m. to 5:00 p.m., February 14 through March 5.

The exhibit, sixth in a series sponsored by the Caltech humanities division, will include colored lithographs, wood block prints, and colored etchings by contemporary French and Italian artists. Among the thirtyodd prints to be shown are two colored lithographs by Manessier which have never before been exhibited.

ASCIT formal at 'The Palms' tomorrow night

Tomorrow night Caltech will hold its winter formal, "Young at Heart," at The Palms. A night club on the road to Pomona and Scripps, The Palms is about a twenty minute drive from the Caltech campus on Highway 66.

Don Ricardo and his 14 piece N.B.C. orchestra will play from 9:30 p.m. to 12:30 a.m. in the casual atmosphere typical of a night club. Identification cards will be necessary to purchase beverages, which will be served from 9:00 p.m. The dance is open, without charge, to ASCIT members.

Combination souvenir bids and programs will be given at the door. One of the early intermissions will be devoted to filling the programs for the ten dances during the evening that will be designated as program dances.

Proper dress for the evening will be dark tuxedos or dark blue or charcoal suits with dark bow ties. White dinner jackets and four-in-hand ties will not be acceptable.

'Streetcar Named Desire' to be shown as Y film Sunday

"A Streetcar Named Desire," the last scheduled feature of this term's film series, will be presented this Sunday at 7:30 in Culbertson Auditorium. "Streetcar," with its famous roles portrayed by Marlon Brando, Vivien Leigh, and Kim Hunter, has won Academy Awards for almost every facet of the film: for best actress, supporting actress,

music, production, and direction.

The film's setting is the rather startling, moody environment of a New Orleans slum. In this surrounding a middle-aged prostitute (Leigh) is driven to mental collapse and insanity by the coarse shallowness of her brother-in-law (Brando). This characterization forms a study of compassion, ignorance and understanding, producing the same impact which gave the play

The Academy Award-winning cartoon, "Gerald McBoingboing," will also be shown, replacing "Pigs is Pigs."

Admission tickets will be sold

Jahns, Neal speak for Y

'Geology and You" by Dr. Richard Jahns is the subject of the Frosh Luncheon Club, Monday, February 21. On Tuesday Fred W. Neal will speak to the Undergraduate Luncheon Club on "Tito and the Kremlin."

On Wednesday Fred W. Neal will again speak, this time to the Graduate-Faculty Luncheon Club; "Iis Yugoslavia Red?" will be the subject. An official from the French Consulate will speak on "French Foreign Policy" to the

Apostol to speak before Math Club

Dr. Tom Apostol of the Caltech math department will be the speaker next Monday at the regular meeting of the Caltech Math Club. Dr. Apostol will speak on "Magic Squares," which was the subject of his doctor's thesis.

The meeting will be held at 7:30 p.m. in 155 Arms and is open to anyone interested in math. Refreshments will be served after the talk.

Fleming second, Dabney third, Blacker fourth in contest

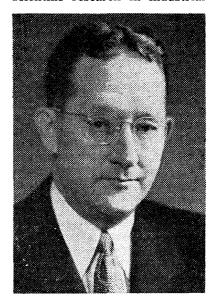
Ricketts defeated three houses last Monday to win the second annual Interhouse Sing. Fleming finished second, Dabney third, and Blacker fourth in the sing, which was held in the Scott Brown Gymnasium. Co-holder of the Interhouse Sing trophy with Dabney for the past year, Ricketts, led by Lyman Fretwell, gave the best presentation of "Cindy," the contest song, to gain sole possession of the trophy for

the next year.

Oil geology is subject of talk

Ira H. Cram, senior vice president of Continental Oil Co., will speak on "Managing an Intergrated Oil Company," next Wednesday, February 23, at 4:15 in 206 Dabney.

Mr. Cram will discuss fields of scientific research in industrial



Ira H. Cram

petroleum geology as one of a pair of lectures by Conoco official's given at Caltech and Har-

Mr. Cram, with a Master's degree in geology from the University of Minnesota, is former president of the American Association of Petroleum Geologists. He is also a member of Continental's board of directors and president of the Egyptian-American Oil Company and Conoca-Somal, Ltd.

Fleming, Dabney and Blacker Dr. Hunter Mead, Caltech professor of philosophy and psycholgy, introduced the houses who introduced their own numbers.

Luis Soux directed Fleming, the first house to sing, in its version of "Cindy" and its offering "Chorus of Scientists."

Next Ricketts gave its winning performance of "Cindy" and an arrangement of "You'll Never Walk Alone." The latter number required the piano which was situated in front of the section originally reserved for Dabney; Dabney moved from this section so that Ricketts could use the piano.

Ted Johnson, Dabney director, took Dabney into its try for the trophy with "Cindy," and then led the house in a barber shop medley of "Mister Moon" and "Carolina." Howard Berg was soloist for "Carolina" which was sung in front of the house which swayed yellow hats in the rhythm of the number. Ed Berry and Curt Schulze in striped coats, strolled with the melody to give a turn of the century atmosphere.

The last house to sing was Blacker, which offered, under Bob Deffeyes, in addition to "Cindy," Sigmund Romberg's "Stout Hearted Men," sung against a trumpet background. A Blacker quartet sang "Lazy Bones" and "Daddy Get Your Baby Out of Jail" to complete Blacker's extra offering.

While the votes were being tabulated, Mr. Olaf Frodsham, Glee Club director, led the combined houses in singing "Gaudeamus Igitur," and the Glee Club Quartet-Howard Berg, Harry Griffith, Ted Johnson, and

(Continued on Page 4)

ess sliderule and Socrates more initiates tech-humanities option

A modified liberal arts curriculum, combining work in science and engineering with a strong background in the humanities and social sciences, has been announced by MIT. For the first time at a technical institute, a student will be able to devote almost fifty per cent of his time to non-technical subjects, in the new vocational option to go into effect at MIT next fall.

The graduate with the double major will have the choice at the end of four years of a fifth year of technical work leading to a normal B.S., or he may go to law, medicine, or industrial manage-

In practice, the student will

take the normal two year requirements in physics and calculus, with concentration in one field of science or engineering. In addition, however, a second field of study will be required in one of three areas: American Industrial Society, Ideas and Values, or Economics.

The actual subjects to be taken have been tentatively outlined. The freshman core course, "Foundations of Western Civilization," will be supplemented with newly created courses in social psychology, sociology, anthropology, and philosophy. Sophomore work will be a continuation of the social science studies. Seniors will have a seminar and

research thesis in their nontechnical major.

The MIT Deans view the new curriculum not as a liberal arts course, but rather as a form of scientific education which better prepares the graduate for many activities related to modern industry and research.

The likelihood of a similar program being offered in the near future at Caltech is undecided. However, Professor Hallet Smith, Chairman of the Humanities Department, feels that under the present Tech practice of providing a four year science or engineering degree, the double course would require a major policy change on the part of the

Candidates speak to voters

Conley and Trapnell will fight for presidency

Phil Conley

This article is a request for your vote. I, Phil Conley, am a candidate for the highest office in our student government. Your vote, along with the 600 others, will determine who will direct activities here at Tech for the next year.

Your ASCIT President presides over the Board of Directors. In this position he develops and maintains a policy which represents the majority of your wishes. Your President works with the faculty and the Inter-College Council. In this capacity he coordinates your interests with those of other schools, the faculty, and the public. Furthermore, your President is called upon to speak before new students and alumni groups. In short the ASCIT President represents you as a student body throughout Southern California.

Each elective officer must assume a portion of the responsibilities that comprise the operation of ASCIT. However, the President stands behind all of the activities and therefore must assume the ultimate responsibility for them. The extent and success of these activities will depend largely on the willingness and enthusiasm with which the President accepts his responsibility.

Your President must be capable of giving help and encouragement to his fellow board members. We can liken the board to any other team—without enthusiasm and mutual assistance it would fail. As Athletic Manager of the ASCIT I have organized several events and can say that I'm familiar with the organization and problems of all fields in our campus life.

Your president must have a good grasp of the ideas of those outside the Student Body. As a member of the Student-Faculty Relations Committee, the I.C.C., and the Athletic Council, I have become acquainted with the objectives and potentialities of these groups.

More than anything else, your President must have the desire. Through my contacts with you in class, on the athletic field, and elsewhere, I think that I know pretty well what the Tech mind is thinking. As your President I would continue to encourage the expression of your ideas, for in no other way can we be sure that ASCIT is representing you.

This is what I believe in and will work to accomplish if you elect me next Thursday. I have a sincere desire to accomplish things next year and raise the world's opinion of Tech. My one promise is that my enthusiasm and willingness to serve ASCIT and Caltech will continue on this high plateau all year.

If you liked this year's prompt athletic awards, this year's Fall Sports Banquet, the new School Jackets, the idea of having the gym open on weekends, vote for the man who wants to continue to give you a hard-working, concientious ASCIT. Vote Conley for President.

Fritz Trapnell

I should like to take this opportunity to point out just one quality that your president must have; he must be a positive thinker. Let me define this by illustrating some of the things that I will do if I am elected. (1) Last term a group commonly known as the "gripe committee" protested on several counts to the Committee on Educational Policy. Now while I think we have a really fine school, I don't see that there is any reason to get closed minded about the whole thing; we've got to keep working to improve. The gripe committee was good and useful; some of the problems may have been local and confined in nature, but for the most part I think their points were of general importance. However, any randomly organized student protest committee is doomed to failure, by its very nature when it comes to applying pressure to the administration where it is needed and justified. I feel that the academic life of the students is as important to the ASCIT as athletic awards or the Lost Weekend. Therefore, if I am elected, I will see to it that questions of academic policy become an integral part of ASCIT business, that they are discussed in Board meetings, and that where it is warranted, these questions and ideas are presented to the administration by ASCIT and with ASCIT backing.

(2) With regard to intercollegiate athletics there are two things which seem to me should be done. Firstly, I think we need a Spring Sports Banquet. We have always had a Fall Banquet for sports played in the early part of the year; I think it just as important that we have one for those that come later. Secondly, the old Letterman's Club should be revived as an organization composed of, say, second year lettermen. The duties of the club might be required wearing of athletic awards one day a week to all functions on campus, sponsorship of pre-game rallies, assisting the Athletic Manager with Sports Banquets, pushing people to participate in intercollegiate sports, and generally promoting school unity. Also, an organization such as this could have some interesting social activities of its

(3) There are strong indications that the operation of the Board of Control may need reviewing. We have a wonderful Honor System, but it can only be effective so long as the BOC. handles their sentences with a heavy hand. If a man is found guilty before the BOC, the tendency should be to throw the book at him, not let him off easily. There is a strong feeling among some BOC members that, of late, the Board has been too lenient. I would see the BOC painstakingly fair in reaching their decisions, but not very merciful in their sentences. Regarding the Honor System itself I feel that the ASCIT should send to all incoming students a brochure completely describing the system so that they have some idea of what's going on even before they get to New Student Camp.

These are some of the things

I would like to see put into effect, and if I am elected, I assure you that I will do my best to carry them out. I feel that I have the experience and qualifications to handle the presidency of ASCIT, and I certainly want the job. If I am what you want, I ask you to vote for Fritz Trapnell for ASCIT President.

Management of finances sought by Gelber, Young

Bob Gelber

It is generally agreed that the best informed person on ASCIT affairs besides the president is the treasurer. This is because in the course of making the budget, handling the finances, and keeping the records, the treasurer is exposed to the activities in every branch of the corporation.

Like everyone else running

for an ASCIT office, I know I have the qualifications for the job. I have been sophomore class president, a member of the student faculty relations committee, a participant in three intercollegiate sports, a writer on the California Tech, on the students day committee, etc. I have done bookkeeping work for an industrial organization.

But if all ASCIT candidates are qualified, why should you vote for me? As I said previously, the treasurer is exposed and involved in almost every ASCIT activity. He is, therefore, in a position to take part in and be an influence in these activities if he so chooses. He does not have to be a human Univac, swallowing bills, dues, expenditures, taxes and checks, digesting them, and then producing balanced books showing a profit.

Here then lies my outstanding qualification. I am not a passive person but rather an active one. I am not happy unless I can participate actively in the affairs of which I am a part. I have ideas, and I will take advantage of the opportunity afforded me to bring them into consideration.

This, gentlemen, is why I am running. I am now asking you for your vote. I hope I have convinced you I deserve it.

Berg and Fretwell pledge to uphold honor system

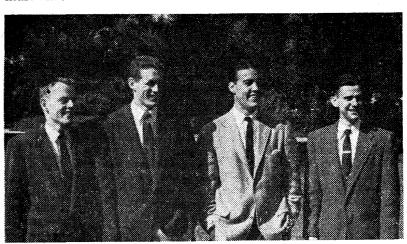
Howard Berg

The job of ASCIT Vice President is tremendously important. First, your Vice President is Chairman of the Board of Control. As such, he is responsible for the administration of our most cherished tradition, the Honor System. The Honor System to be effective must be actively understood by student and instructor alike. It must be publicized and explained so that it is appreciated as the fundamental ethical guide that it is. I have served as a member of the Board of Control and am, thus, thoroughly familiar with its functions and problems. Equally important, I feel I have the character, sound judgment; and mature sense which the Chairman must have to handle cases which

As students at Caltech we enjoy unproctored exams and the faculty's complete confidence in our student administration of the honor system. The ASCIT vice president's most important job is to be chairman of the Board of Control, which supervises the honor system. He is responsible for keeping people informed about it as well as handling cases. As one of your elected representatives on the ASCIT Board of Directors, he must represent your interests to the BOD, to other students, to faculty, and others outside of Tech.

Lyman Fretwell

Three years' experience on the Board of Control under different vice presidents has given me an invaluable insight into the Cal-



BIG FOUR in contests for student body prexy and veep have a big smile for their electorate. Left to right are Howard Berg, VP candidate, Phil Conley and Fritz Trapnell, running for president, and Lyman Fretwell, vice presidential nominee. (photo by Stu Bowen)

come before the Board.

Second, the Vice President repesents you on the Board of Directors and various ASCIT committees. He works in close cooperation with the President. He must be thoroughly familiar with ASCIT government; he must have participated in a wide enough variety of activities to know and represent you of the student body. This past year I've served as ASCIT Treasurer. ASCIT activities are tied to finance. Thus, I've had a unique opportunity to "learn" ASCIT government. I am president of the Glee Club and a member of the Beavers. I've written for ASCIT publications and participated in forensics and the instrumental music program.

These qualifications mean little in practice without a willingness on my part to use them to benefit ASCIT. My past experience in ASCIT work has been so enjoyable I can guarantee that extra push. I would appreciate your support.

tech honor system. For the past year I have been editor of the California Tech; this job has given me a unique opportunity to become acquainted with student affairs in order to better represent you on the Board of Directors. I have been a member of the Student-Faculty Relations Committee for three years. I am a member of Beavers, Tau Beta Pi, the Caltech Glee Club, and the newly formed Physics Club, which as secretary-treasurer I helped to organize. I have helped to bring the California Tech up to the highest standing a college newspaper can hold. I have served on the YMCA cabinet. Thus I feel that I am qualified to represent you as your student body vice president.

If I am elected I will do my best to see that the honor system remains strong with more publicity, and to see that you are well represented in ASCIT Board meetings. I earnestly hope that you will cast your vote for me on election day, February 24.

John Young

Campus cynics have politely laughed, from time to time, at the public spirited enthusiasm of ASCIT candidates. Campaigns, they say, are driven by the desire for prestige, honor, and recognition.

Somenow, I am optimistic enough to believe that my campaign for ASCIT Treasurer is a little more firmly based. I am a candidate for that office because it seems to be the best place to apply the experience and interest in student body affairs gained in three years here.

The campus responsibilities I have held should be a fair indication of my ability to work for our student government.

Experience? This last year as Blacker House Treasurer has provided the background necessary for managing ASCIT finances. Anyone can add and subtract and draw up a budget, but the day to day responsibilities for guiding House expenditures have been a training ground for the ASCIT job. Serving as Vice-President of the YMCA in a year in which the Y has tried to broaden the scope of its program to fit more closely the whole student body has given me a background knowledge of student opinion.

Interest? Working on the California Tech as feature writer, and now as feature editor, is evidence of interest in activities and problems of our school. Serving as prexy of the Instituters, a quiet organization which stands ready to fill odd jobs for the ASCIT Board—from painting posters to building tigers for the Oxy bonfire—has been an opportunity to show a willingness to contribute to school affairs.

The election of John Young will mean that next year a Treasurer with a demonstrated interest and experience in student body activities will be managing your finances.

All posts hotly contested

Frosh politicians battle for representation on board

The office of Second Representative at Large is often referred to as the "peon" office of ASCIT. I do not believe this is true. Any student body office is as important as its holder makes it. Bill McDonald, the present Second Rep. has shown this to be the case. In his handling of the various duties, Bill has shown that the office is an important one, and one to be respected.

Inasmuch as the person you select for this office will be representing you, and carrying out your wishes, every candidate should be critically examined, and some questions asked about

- 1. Will he work for the school. rather than for his own group or house?
- 2. Does he have the experience, the knowledge, and the ability for this office?
- 3. Does he possess the leadership and organizing qualities that are so important?

. Needless to say, I brought out these requirements because I feel I fulfill each of them. I have shown that I will work for ASCIT ,in JV soccer, and the Caltech Glee Club. I have the experience needed for the office, having served, along with Dick Baron, as Frosh Co-social Chairman for the past year. I have shown my leadership and organization qualities by serving as president of the Frosh Lunch Club, and by arranging, with the Frosh officers, the increased Frosh social program.

In closing, I would like to remind you of one important fact. The officers you elect now will represent you next year. It is your duty to review the candidates, make an intelligent decision, basing your judgment on qualities, not on affiliations, and, finally, to vote.

Dick Ashby

A freshman gets a fleeting image and a series of impressions about life at Tech from those first few days of frosh camp. One of those first impressions which has remained in my attitude toward Caltech is the utmost respect for the quality of student

The ASCIT Second Representative is one of the best opportuniies for a freshman to become a part of that governing body. The specific responsibilities of that office, the lower Throop bulletin board and the car repair lot, are an inviting service I want very much to be able to render the ASCIT. But more important, is the intelligent voice on the Board of Directors which I think I would have.

In the two terms I have been here, I have worked as president of the Thursday Frosh Lunch Club. In addition I was a frosh football letterman, and am currently working out for track.

I can't say that I know all there is to know about Tech activities, but I do think I have shown that I have the willingness to enter in to extra-curricular life. My service as your Second Rep will be a means for my participation in an activity which I deeply respect.

Gerry Lawrence

As any other ASCIT office, the job of second rep requires a man who is willing to take responsibility and to do a lot of hard work. It takes a man who has experience in this sort of job and the time and energy necessarv to do the work.

In high school I was president of several clubs and school organizations as well as holding other more minor offices. I was active in the student council and represented my school at Boy's State. This gives me experience in student government. At Tech I am president of the Radio Club and have put a lot of work into its organization. I have also been active in forensics and am a member of the debate team.

I feel that my previous experience qualifies me for the job of Second Rep and that I can adequately handle the responsibility and work that go along with the job. If I gain the support of the student body and am elected to be your Second Representative, you can be certain that I will do my utmost to be a true representative of the school and the student body.

Andy Perga

After we have thrown our hats into the barrel, all of us try to think what is the most important qualification in running for an ASCIT office. The jobs of cleaning the car repair lot, serving on the Student-Faculty Relations Committee, putting up the calendar in Lower Throop, and general ASCIT duties that the Second Rep. always performs are indeed important and I believe that I have had enough experience in high school as Commissioner of Publicity and

(Continued on Page 4)

Four way race for Secretary shows toughness of competition

The ASCIT Secretary has a variety of duties and reeponsibilities which are not recognized by most persons. He is, first of all, a representative of the student body to the Board of Directors, and is the most important factor in keeping the two groups correlated. He publicizes Board actions for the students. as well as carrying to the Board student opinions, thereby having the most effective influence on Board action of all the ASCIT officers. He is, secondly, a nonvoting member and the recording secretary of the Board of Control. Thus, he is one of the three men who serve on both of the major bodies of government.

Why do I believe I am best qualified for the job? I think, first of all, that I have participated in a wide enough variety of activities at Tech to be fairly familiar with what is being done, and with what ought to be done by and for the Tech man. I am confident that I can carry to the Board of Directors your wishes as well as anyone, and that I am capable of carrying out the responsibilities of Secretary; I intend, if elected, to do just that. Secondly, I feel that my two years of experience working on the Board of Control especially qualifies me to know what should be done to perpetuate our cherished tradition, the Honor

If elected, I intend to keep everyone informed as to the proceedings of the BOD, and the public actions of the BOC, thereby helping the Student Government to thrive and improve, as well as to keep student life controlled by students through the Honor System.

Rube Moulton

The ASCIT Secretary fills two of the most important jobs on this campus as Secretary of the Board of Directors, and as Secretary of the Board of Control. In both these jobs the Secretary must keep accurate records of proceedings in meetings, must handle correspondence for the organization, and, as parliamentarian, must understand and interpret applications of the Constitution and Bylaws of the Corporation.

The most important responsibility of any ASCIT officer is his membership on the Board of Directors. The problems which come up before the Board are many and varied, and there is no set formula for the right decision in each case. Each Board member must reach a decision on each question based upon past experience in office and on what he believes to be the best interests an dexpectations of the Student Body. Past experience is most certainly a vital asset on the Board of Control, which interprets and enforces our Honor System.

From this point of view the two most important qualifications required of any man campaigning for office are past experience and interest in the office. I believe that I can offer both of these qualifications. For the past year I have been a member of the Board of Directors, and prior to that, a class representative on the Board of Control. In high school, I held the office of secretary of several clubs, so I am not unfamiliar with the duties of the secretarial office. Beyond this I have a tremendous interest in ASCIT government; I think it's one of the most interesting aspects of campus life.

These, I believe, are the necessary qualifications for the office of Secretary; I believe that I can offer them to you; and I think that I can do a good job in office if elected. If these qualifications meet with your approval, I ask you to vote for me.

Bill McDonald

Dick Morse opposes Curt Schulze for social chairman

The first rep's biggest shallenge is to give you, the Student Body, a social program that will beat all; this requires time, ability and experience.

The First Rep represents you at Frosh Camp, at the ICC, on numerous campus committees and on the Board of Directors. This also requires a man who I'm certain that I can handle

As Yell Leader I learned the meaning of enthusiasm and team work and will really be able to get things rolling for the Lost Weekend and other functions.

I have worked on ASCIT dances before and have coordinated house functions. Thus I've experienced many of the difficulties that will confront the First Rep.

I feel I'm prepared!

A lot can be done to improve the dance themes and decorations here at Tech. If elected there's many ideas I'd like to try to give you some original parties. I enjoy design work and feel that my experience in design will be useful in this respect.

I'm fired up to give you an action packed year. All I need is your support.

Curt Schulze

The man you elect as First Rep. is responsible for scheduling and planning and doing the dirty work on all of your student body social events from the first exchange of the winter term to the Lost Weekend in the spring. This guy, if he is going to do a job that you, as a member of the ASCIT, will be proud of, has to nave more than just good intentions.

First, he has to know what he is doing and how to do it. I feel that by doing a good part of my class social organizing as frosh president of the class of '57, by having a hand in several of your ASCIT events, and by serving a year as social chairman of my house, I've picked up a lot of invaluable experience of the kind that helps you in foreseeing and attending to all the little details that go toward making a party of any kind a success. Also, I've now been going to school in Pasadena for a total of 6 years and have spent a good part of this time, prior to coming to Tech, actively engaged in social planning. This means that for the purposes of a social chairman, whether it be finding dance halls, bands or refreshments, I know the Pasadena area quite well.

Second, your first rep has to

What is an ASCIT secretary for?

His first obligation, of course, is to accurately record the meetings of the board of directors, filing and publicizing the minutes as necessary. Although most anyone would have little difficulty in this, I have had more than the usual practice in writing, with two years of newspaper

A secretary also sits on the Board of Control, on which I am

have the drive and enthusiasm to do a thorough job throughout his entire term of office and to keep plugging when he isn't getting a lot of encouragement or when things aren't going smoothly. This drive and enthusiasm I can promise you. As for backing this up, I can only say that I've always taken a personal pride in doing a good job on the events I've organized, and that in all these obligations I've taken on, I feel I've completed the job to the satisfaction and enjoyment of those concerned.

Dick Morse

now serving as junior class representative. Through this experience I have come to understand and value this worthy tradition so that I am anxious to accept my responsibility in maintaining it.

The most important phase of the secretary's work, however, is in representing the student body with his vote on the ASCIT board. As co-editor of the Tech, I have come into contact with many students, student organizations, and student problems. You have seen many of my opinions in the editorial columns of the Tech and thus have the opportunity to evaluate my ability to take part in student government. In the future I shall continue to represent you with the same common sense and sincerity I have tried to convey in the editorial columns.

Thus, with ample background for the job, as well as a keen desire to participate in ASCIT government, I ask for your vote in the elections.

Tom Bergeman

Any Student Body office requires a person who is well acquainted with the duties of that job, has the ability to fulfill them, and has the desire to do the best he can. The office of Student Body Secretary requires a person versed not only in secretarial techniques but also in student body affairs and activi-

In high school I served as secretary and corresponding secretary for many high school clubs. I have been a reporter on school papers ever since junior high school, at the present time being active on the California Tech staff. I am also Managing Editor of the Big T, I am active in the Debate Club, and I have had three articles accepted for publication by a national magazine. I am also active in student body affairs as is evidenced by my receiving honor certificates every year I have been here at Tech. In short, I believe I have the necessary experience for the job of ASCIT secretary.

Besides talking with the past Secretary, Ted Johnson, I have also observed the duties of Secretary and from these talks and! observations I believe I have: achieved a knowledge of what the responsibilities and duties of the office are.

However for any ASCIT office, the candidate should be well rounded socially. I have attended almost all of our basketball, football, and track activities. I have been active in social affairs in my House. I have attended all ASCIT sponsored social affairs. Again, I feel that I have the necessary qualifications from that viewpoint.

Thus, I know the duties of the office; I believe that I have in the past shown an ability to carry them out; and, from my past record and present activities, I have shown that I have the desire to carry out the office to the best of my ability. This is why I think you should vote for Ray Orbach for Student Body Secretary.

Ray Orbach

California Tech

Editors-in-Chief-Tom Bergeman and Lyman Fretwell EDITORIAL STAFF

Reporters at Large-Gordon Reiter, Marty Tangora News Editor-Dick Hundley

Assistant News Editor-Dick Kirk News Staff." ..Dave Cantor, Jerry Crocker, Al Farley, Bill Hecht, Dick Kirk, Jim Mebust, Frank Albini.

Feature Editor . . . John Young

Feature StaffErnie Demberg, Jerry Fried, Jay Glasel, Howard Hilton, John Price, Bill Purves, Frank Kofsky, Stu Richert John South Sports Editor-Arne Kalm

...... Paul King, Don Lewis, Bob Walsh Sports Staff.. Photographic Staff.....Stuart Bower Kim

RICKETTS SCORES

Model 'T'."

(Continued from Page 1)

Rube Moulton-sang "In My Old

Dr. David Elliot, associate pro-

fessor of history at Caltech, an-

nounced the judges' decision and

gave the trophy to Lyman Fret-

well who accepted it for Rick-

The four houses combined,

Judges for the Sing, which was

again under Mr. Frodsham, to

sing the alma mater, the last

sponsored by the Glee Club, were

feature of the program.

Cranney, Joe Lingerfelt, Tom Taussig

BUSINESS STAFF

Business Manager-Jim Lewis Circulaiton Manager . . . Ed Park

Entered as second-class matter Nov. 22, 1947, at the Post Office in Pasadena, California, under the Act of March 3, 1879.

FROSH POLITICIANS (Continued from Page 3)

this year as frosh class Athletic Manager to qualify me for the

But, I believe that the job of Second Representative goes further than this. First of all he is a representative from the freshman and sophomore classes on the ASCIT Board and in this capacity must be ready to give advice an dtake underclass problems to the Board; this I will try to do. Secondly, and to memost important, a member on the ASCIT Board must have a good head on his shoulders. By this I mean that he has to organize his thoughts logically, understand ASCIT policies, and be up on all things happening at Caltech. He must also show enthusiasm*through a willingness to work and by bringing up new ideas which might help the student body. He must not be a man who is always thinking of the glory of the job but a man who feels that it is his personal duty to serve his fellow Techmen.

These are ideas that I feel and ideas that I will try to follow if you, the Caltech Student Body. elect me your Second Represent-

Clarke Rees

Interview Schedule

FEBRUARY
Thurs., 17—BS, MS/Ae, EE, ME, Ch, ChE, P.D., Ma General Electric Company.
Thurs., 17—PhD/Ch; MS, PhD/ChE The M. W. Kellogg Company, New York.
Thurs., Fri., 17, 18—BS, MS, PhD/Ae, CE, EE, ME; MS, PhD/Applied Ma & Ph Boeing Airplane Company Seattle, Wash. Boeing has a Summer Student Program for Students in the above fields who will compile the Junior year in June.

Boeing Airplane Company Seattle, Wash. Boeing has a Summer Student Program for Students in the above fields who will complete the Junior year in June.

Mon., 21—BS, MS/Ge, ME, ChE, Ph Creole Petroleum Corporation. Positions in Venezuela. Positions are limited to single man who are citizens of the United States.

Mon., 21—BS, MS, PhD/Ch, ChE, Metallengists, Ge's interested and qualified in mineralogy G/or petrology. National Lead Company—Titanium Division, South Ambov, New Jersey.

Mon., Tues., 21, 22—BS, MS, PhD/ChE, Geoph, ME, MS, PhD/Ge, Ph Carter Oil—Research Division Tulsa, Okla. ME's interested in drilling research; Ph,s interested in geophysical research.

Mon., Tues., 21, 22—MS, PhD/ME, ChE, Ae, EE, General Motors Corporation.

Tues., Wed., 22, 23—BSup/Ae, ME, EE, CE, Me, Ph (including Nuclear Physics). Lickheed Aircraft Corp. These interviews are for both the California Division and Ind. Missile System Division.

Tues. Wed., Thurs., 22, 23, 24—BS, MS, PhD/EE, BS, MS/ME Hewlett-Packard Company Shell Chemical Corp., and Shell Development Ca.

Wed., 23—PhD/Ch, ChE, Ph Shell Companies. Interviews for positions in Research, Development and Operations for Shell Oil Company Shell Chemical Corp., and Shell Development Co.

Wed., Thurs., 23, 24—BS, MS/EE, Ph, Ma Sylvania Electric Products, Inc. Interviews for positions at Mountain View, California Enctronic Defense Laboratory as well as fifty plants and laboratories located in programment and Company Shell Chemical Corp., and Shell Development Co.

Thurs., Fri., 24, 25—Continental Oil Company—Information regarding these interviews will be available at a later date. Thurs., Fri., 24, 25—Sup/Ph, EE, ME, Ma Lincoln Laboratory—MIT, Lexington, Mass.

Caltech Pharmacy

PRESCRIPTIONS Dependable Registered Pharmacists **FOUNTAIN** BREAKFAST, LUNCH, DINNER

> 882 East California Street SYcamore 2-2101 Pasadena 1, California

Tech skiers will enter college meet

The Caltech Ski Club will hit the slippery slopes in a slalom race against Pomona, today, at Mt. Baldy. The Beaver ski team will be entering their first intercollegiate ski meet for as far back as the present generation can remember.

The course will be set by Pomona coach "Fuzz" Merritt and will be designed to stress control at a fairly high speed. The race itself will be run so that each racer will ski the course four or five times, affording good practice for forthcoming meets.

Mr. Herbert Grey, owner of the Crown Music Store; Mr. Rex Hogan, choral director of the Mark Keppel High School; and Mr. Richard Kramer, choral director of the William Hart High School.

В KNOCK KNOCK

Campus Brewins

"He that falls in love with himself will have no rivals." Franklin, Poor Richard's

Almanac for 1739

Sing a song of sex-pense, A moment full of dread. Four, not twenty, females, Shut inside of head. When the sead was opened, The girls began to cry; Wasn't that a dainty dish To set before a guy. The prexy's in his alley Counting up his money, The queens were in the johnny Feeling kind of funny, Two maids came in the alley Telling him their woes; Along came a third one And hit him in the nose

The boy physicist heard a noise! It sounded like women in the head! He called the U.C.C., though it was not yet 12:30. After a vigorous chase, Rowdy prexy, Don Roberts and intrepid Dick Jali trapped two of them in a small cubbyhole. Just as the truth was about to out, a third girl (who the Beak has discovered is a South Pas lass named Janice Addicot), arriving from nowhere, dented Roberts'

skull with a telephone book. Finally caught, after tampering with the Fleming-Ricketts light box, they explained, "Oh, the Frosh exchange was dull." C'est

From here to Scripps

Some of the more innocent Techmen were shocked by a rather Rabelaisian atmosphere at Scripps Friday. Long rows of rooms, each with a female occupant, gave rise to some rather indelicate notions, abetted by the presence of Mrs. Kipfer at the front desk.

More the merrier?

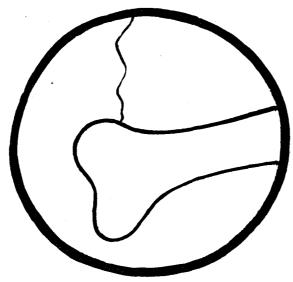
The Scripps open house wasn't helped any by the prevalent distrust of Caltech. Unwilling to rely on CIT alone for male companionship, the undernourished sirens opened their halls to the more trustworthy gents from CMC, effectively quashing chances for worthwhile entertainment. Isn't gluttony a sin?

CAMPUS BARBER SHOP

In Old Dorm Where Everyone is Welcome Paul A. Harmon

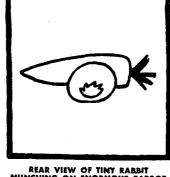
LUCKY DROODLES! WE'VE GOT 'EM!

WHAT'S THIS? For solution see paragraph below.

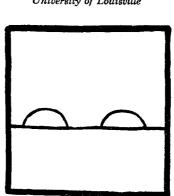


IT'S EASY TO SEE that the Droodle above is titled: Tired anthropologist relaxing with better-tasting Lucky behind freshly dug-up fossil. No bones about it, Luckies taste better to all sorts of people. College smokers, for instance, prefer Luckies to all other brands, according to the latest, greatest coast-to-coastest college survey. Again, the No. 1 reason for Luckies' wide lead:

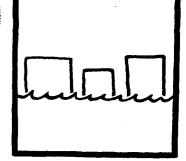
Luckies taste better. They taste better, first of all, because Lucky Strike means fine tobacco. Then, that tobacco is toasted to taste better. "It's Toasted"the famous Lucky Strike process—tones up Luckies' light, good-tasting tobacco to make it taste even better...cleaner, fresher, smoother. So, enjoy the bettertasting cigarette . . . Lucky Strike.



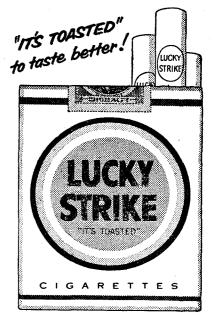
REAR VIEW OF TINY RABBIT MUNCHING ON ENORMOUS CARROT J. Leighton Crutcher University of Louisville

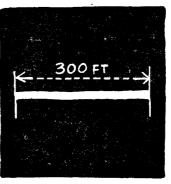


BALD MAN BEHIND FENCE AT SUNRISE Dave Fairbanks Long Beach State College

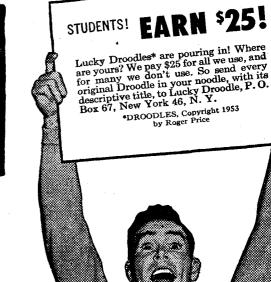


NATIVES ON SAFARI CARRYING SUPPLIES ACROSS DEEP RIVER Martin S. Kahn University of Pennsylvania





100-YARD DASH (FOR USE IN SKYWRITING) Annamae Kovatch Montana State University



Better taste Luckies...

CLEANER, FRESHER, SMOOTHER!

PRODUCT OF The American Tobacco Company America's LEADING MANUFACTURER OF CIGARETTES

Politicians preach and promise in campaign

Athletic manager

Your athletic manager holds. in many respects, one of the most important offices on the ASCIT Board of Directors. It is his duty to coordinate activities between the students and the athletic department. In addition, he is a member of the Athletic Council, which conducts Caltech's athletic program and of the Inter-College Council, which attempts to keep peace among the schools of the conference. However, the most visible function of your athletic manager is the distribution of athletic awards and the planning of the fall awards banquet and the spring awards assembly.

I feel that I am well qualified to serve you as your athletic manager. For the past year I have been sports editor both of the California Tech and of the Big T. As such, I have been in close contact with the athletic department and have learned how Caltech's athletic program functions and what most of the problems connected with it are. I have also participated in varsity track and soccer for two years and have taken an active part in the interhouse sports pro-

Your athletic manager must be familiar with all phases of Caltech athletics, and he must have the time and the desire to work for the students as their representative. I think that I meet these requirements, and I know that you won't go wrong if you "vote Kalm" next Thursday.

Arne Kalm

I believe it takes certain qualities to hold any office of the BOD. Standing out among these is a real interest in the students and their problems, with guts enough to plug for the solution to these problems that you believe in, at your Board and Council meetings.

Some of the problems your Athletic Manager will face include the Fall Sports Banquet, the Spring Awards Assembly, the buying and distribution of all athletic, debate, and honor awards, and the addition this year of the school jackets, a proposed Spring Sports Banquet, and a program for use of the new gym and pool on weekends.

My interest in athletics has prompted me to run for this office of the ASCIT in particular. As a freshman I earned my numerals in two sports, and in this, my sophomore year, have turned out again for these sports. I have been out for major sports at Tech every term that I have been physically capable. Further, I was elected Athletic Manager of my Freshman Class, and had a good record of participation in sports and their journalistic coverage in high school.

I have confidence in my ability to handle this job and I hope I can impart some of it to you.

Jim Mebust

The job of the Athletic Manager is an important one. His job is to coordinate the athletic activities of the school. A candidate for the office must have certain qualifications.

He should be acquainted with the athletic program of the school. He should be on good terms with the student body and the athletic office. He should have a good foothold in intercol-

PASADENA BOWLING LANES 970 East Colorado Headquarters of Caltech Bowlers Open 11 a.m. to 1 a.m. SY. 3-1341 Special Student Rate before 6 P.M. except Sundays and Holidays 25c per line legiate athletics, most of all.

I think I meet the qualifications because, since I have been at Tech I have been out for two sports, track and cross country. Because of this I believe I am familiar with the athletic program of the school, including the intercollegiate athletics. I served as captain of the Frosh crosscountry team and gained valuable experience there. I have been active in interhouse athletics, and served as captain of the cross country team and cocaptain of the track team of Blacker House.

If elected I will carry through the duties of the office to the best of my abilities.

Reed Saunders

I am a candidate for ASCIT Athletic Manager because I sincerely desire to hold that position. In the past I have represented you, the members of the ASCIT, in four sports on the athletic field. I have served the members of my class as treasurer throughout the last five terms. Thus far this year I have served as house chairman for the ASCIT Charities drive, the Y finance drive, and the Y's Faculty Firesides program. I believe that these activities prove that I am interested in serving you and Caltech, and also that I am capable of performing the duties of an ASCIT officer.

As your representative on the BOD, the Student-Faculty Relations Committee, the Athletic Council, and the ICC, the Athletic Manager must be able to command the respect of the ASCIT, the faculty, and the outside world. He must also have the ability to work smoothly with people.

I have shown my interest and proven my ability. Now it is time for you to demonstrate your ability to choose the most competent candidate as ASCIT Athletic Manager.

Jim Workman

Publicity manager

Undergraduate affairs, the startling and the routine, are the raw material which a capable ASCIT Publicity Manager turns into a favorable public impression of Tech life. He is student liaison man with the News Bureau, Institute publicity center.

Everything which occurs on our campus is under the scrutiny of his publicity conscious eye, from the scores of athletic games, to overseeing outside coverage of the Interhouse Dance. The little tidbits which appear in home town papers, which tell grandma and grandpa

ping pong team—as well as more momentous happenings in your college career—are sent out by an on-the-ball ASCIT advertising

Perhaps the most pressing need for ASCIT public relations is in the impression which the people of Pasadena get of the "slide-rule boys." The thousand and one activities which stand as refutation to the "slide-rule" attitude must be presented to local papers.

I think that the personality traits necessary for the promotion of on campus assemblies developed as Rally Commissioner are essentially those needed to sell Tech to the outside world.

An equally important responsibility of the Publicity Manager is simply intelligent contributions to the work of the ASCIT Board. During my year as Rally Commissioner, I was able to get the background of working with assembly projects and student problems which would be highly valuable during a second year on the BOD.

A responsible, clear-headed, and dependable worker is what I will try to be for you if I am returned to your ASCIT Board. My record of ASCIT work should indicate my willingness and ability to serve.

Jon Harford

A candidate for the office of ASCIT Publicity Manager must be aware of the twofold duties of this office. One of these duties is to serve on the Board of Directors which decides student policies and spends the funds of the ASCIT in the most efficient manner possible. This is a very important duty.

The Institute is well known throughout the world for its academic and scientific advances and achievements, and publicity for things of this nature surely needs no help from the ASCIT, but this very publicity tends to push the non-academic achievements of the undergraduates of the Institute into the background. Therefore it is the job

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that you are on the first string of the Publicity Manager to see that the people of our community become conscious of the fact that the men of ASCIT do something besides study.

> I am well aware of these duties. In addition to this I have lived in Pasadena, worked at Caltech, participated in ASCIT intercollegiate athletics, served as class vice-president during frosh year, served on Student-Faculty Relations Committee frosh year, been on the Board of Control for the past two terms, been a campus guide that same length of time, and served as the commander of Tech's championship AFROTC drill team this year. I am willing and eager to assume the responsibilities of ASCIT Publicity Manager. I therefore feel well qualified for the job, and would appreciate your confidence and support in the forthcoming election.

Craig T. Elliott

Rally commissioner

When a candidate runs for an office, two natural questions arise: "What are his qualifications?" and "What is his program?" First, one must consider the office, in this case, Rally Commissioner, and the demands made by it.

The first and most important requirement, it seems to me is an active interest in school ac-

OPPORTUNITY

tivities. In the past year I believe I have filled this requirement. Athletically, I have participated in frosh football and interhouse track. I write for the California Tech and am on the staff of the Hot Rivet. Also, I work on the house social committee. This I believe shows an interest in a variety of school activities and, ultimately, an interest in the welfare of the student life on campus.

One asks, "What offices has he held in the past?" In high school. I served as class treasurer one year and as class vice-president another. Also, I was a coeditor of the yearbook my senior year.

(Continued on Page 6)

Students Graduating in Math, Engineering and the Sciences

Interested in the rapidly growing field of scientific computing

The RAND Corporation

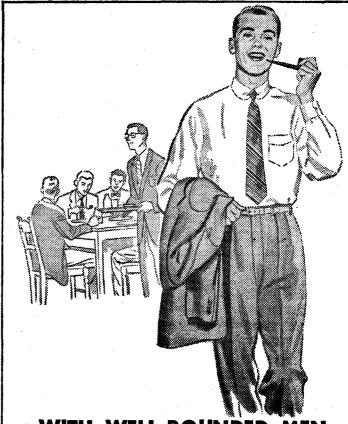
is expanding its Numerical Analysis Department, Graduates who show aptitude will be trained in the use of our IBM 701, 704, and other automatic, high speed computers. RAND is a growing research organization with established reputation; excellent working conditions, and liberal employee benefits.

Contact our personnel office. Interviews will be arranged on campus or at our Santa Monica office.

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Slide into a Radnor, left, or the new Arrow Pace, right, with a slightly wider spread to the round collar. In oxford or broadcloth . . . French or barrel cuffs, these Arrows are casually right for you... for every college man. Round-collar shirts in broadcloth, only \$3.95. Oxfords, in white or colors, \$5.00.



ENGINEERING SENIORS

NORTH AMERICAN AVIATION LOS ANGELES

will interview here

March 4, 1955

Candidates speak

(Continued from page 5) This year I served in the capacity of freshman house leader.

I feel that I have a definite program for the office. Chiefly, I would like to improve on the old one. It seemed to me that in the past year we have had too few assemblies. Bi- or triweekly programs in Culbertson, either by students or outside entertainers, would bring back the meaning to the assembly period. I will, if elected, try to revive the Pajamarino or get a good substitute. Along with this we need rallies before the other games.

Here I have presented the reasons that I am running for Rally Commissioner and the reasons I think you should vote for me.

Howard Hilton

In a few weeks, Nat (King) Cole, June Christy, Nelson Riddle and Chet Baker will appear at both Pomona College and later, at UCLA. Earlier this year, the Dave Brubeck Quartet was featured at Pomona. While we don't have the revenue of UCLA. we don't really need it to present excellent ASCIT assemblies, for the Los Angeles area abounds in good youthful and inexpensive talent.

Moreover, since the short (one hour) assembly periods on Monday and Thursday drastically limit presentation, I believe that there should be at least one weekend night assembly per term, thus making an assembly a real event, not just a time killer.

Along this line, Caltech could get together with another small school to present someone of first class calibre, say Brubeck. Tickets could be sold to the community with the proceeds to go to charity, thereby enhancing our reputation in the commuity and among students from UCLA, USC, etc.

Having been on this year's Rally Commission, I am aware of the work needed to keep it functioning perfectly. As I live in Los Angeles and have many connections in the entertainment world, I will have the opportunity to arrange a top flight program for the coming year. By the way, my name is Frank Kofsky, and I am sure that both you and I will be appreciative if I am elected your ASCIT Rally Commissioner.

Frank Kofsky

Head yell leader

Who is the most important person at a football or basketball game? According to a committee of retired cheerleaders, it is that fool out in front of the fans, going through those queer gyrations that don't mean anything. Therefore, for head yell leader we need someone who is really a fool. (We don't mention any names.)

Rumor has it that we might

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win a few football games next year and, seriously, the spark that might do it would be a spirited student body behind a spirited team. I'd like to try and fan the coals we now have into the necessary fire at those

Dick Johnson

If I am elected head-cheerleader I would like to accomplish several things. First, by taking the best of the old yells and incorporating many new ideas into them, I would like to build up the school spirit to a higher point than it has been in the last few years. Secondly, I plan to acquire some pretty songleaders. Lastly, I would like to develop more precision in the yell

(Continued on Page 8)

FOR YOU

Announcing a talk

Ira H. Cram

SENIOR VICE PRESIDENT CONTINENTAL OIL COMPANY

"Managing an Integrated Oil Company"

MR, CRAM WILL DISCUSS THE PLACE AND FUTURE OF SCIENTISTS AND ENGINEERS IN A LARGE PETROLEUM COMPANY SUCH AS CONTINENTAL OIL COMPANY AS VIEWED FROM A TOP MANAGEMENT LEVEL.

> 206 DABNEY 4:15 P. M. WEDNESDAY, FEBRUARY 23

Young specialist in community relations makes friends in 101 plant cities

General Electric now has 131 plants in 101 cities, and one problem is common to all: How can the company show people in every community that it is a good neighbor?

This responsibility is shared by many and stimulated by 32-year-old John T. McCarty. His job: Consultant, Program Services in Plant Community Relations.

McCarty's work is varied, exciting

McCarty's assignment is to help each of the General Electric plants tell its neighbors what it is doing, what it hopes to do, and how it fits into the community.

He must be ready to travel to 26 states. He prepares community-relations manuals for use in all 101 plant cities. He supervises surveys of community sentiment, and tests the local effects of the company's advertising. And he helps plant management maintain friendly contacts with civic, religious, educational and other community leaders.

23,000 college graduates at General Electric

This is a sensitive and important job. McCarty was readied for it in a careful stepby-step program of development. Like Mc-Carty, each of the 23,000 college-graduate employees is given his chance to grow, to find the work he does best, and to realize his full potential. For General Electric has long believed this: When fresh young minds are given freedom to make progress, everybody benefits - the individual, the company, and the country.



Caltech cagers lose two games

Last Tuesday afternoon the Beaver basketball team entertained Chapman College in Scott Brown Gymnasium and dropped a hard-fought 60-54 decision .Then Friday night the Beavers traveled to Whittier and were mowed down by the high-flying league leaders to the tune of 94-61. The two defeats were Tech's eleventh and twelfth of the season and the Beavers are now firmly entrenched in the cellar with an 0-6 record. Tech has two more league games remaining-with Oxy and Pomona—and if we can beat Pomona we can tie them for fourth place ,assuming that the Sagehens lose to Whittier and Redlands.

Tuesday afternoon's game with Chapman found Tech playing pretty shoddy basketball. The first half was pretty close with Tech leading until the final minutes when Chapman spurted to grab a one point advantage. Then after the intermission Chapman went on another splurge which left the Beavers some ten points in their wake and Tech never quite managed to catch up. Phil Conley led the scoring with 20 points—all on field goals. Jim Tyler had 14 points for Tech, and Alvarez led Chapman with 17.

In the Whittier game Tech never had a chance as the Poets were hotter than a pistol from the floor and raced to a 50-22 half-time lead. In the second period the Tech team played a little better ball as they scored 39 points against Whittier's 44. Leading scorers for the game were Marlyn Davis and Joe Wohlmuth with 18 and 17 points respectively. Whittier secondstringer Martin had 16. For Tech Phil Conley and Bill Chambers each scored 16 points.

In the next five days the Tech team faces a busy schedule with three games on tap. Tomorrow night Pasadena Nazarene is the host team as the Beavers try to avenge an earlier 69-67 defeat. Saturday evening Tech travels to Long Beach to attempt to repeat its victory against Long Beach State College. And Tuesday night the Beavers meet Oxy in their last home game of the season. The Bengals from Eagle Rock are riding on the crest of a victory wave, but Tech has the potential to knock them for a loop. It will be the last home gome for four senior members of the team. They are Captain Bill Chambers, George Madsen, Jim Tyler, and Roland Moody. The team could use a big turnout for this last game. That's Tuesday night, 8:15, in our own gym..

Attention, golfers

Caltech's golf season gets under way officially tomorrow with an 18 hole medal play qualifying round at Brookside Park. The first match is next Friday with L. A. State, but qualifying rounds will be accepted until next Thurs-

As three members of last year's team have graduated, it is expected that there will be room for you sophomores and juniors. It is emphasized that interest is as important as talent or previous experience. All those interested please contact Paul Farley, Fleming 61, as soon as pos-

1. H. Sports

by Don Lewis

Blacker House ran to an impressive victory in last Saturday's Interhouse Track Meet, taking nine first places and breaking four meet records. Blacker scored a big 68 points, Dabney was second with 40½, and Ricketts just edged out Fleming for third, 23 to 22½.

In the first event of the afternoon, the 1320 yard run, Dick Stark got Blacker off to a flying start'when he put on a beautiful finishing sprint to grab first place away from Loren Linstrom of Ricketts in 3:37.5.

The best mark of the day was turned in by Roger Wileman in the 330 yard dash. He ran a 36.2, completely shattering the old Interhouse record of 38.2. Ricketts' Chuck Bonwell also broke the old record, taking second place with 37.4. Half an hour later Wileman came back to win the 220 yard dash with a fine 22.5, breaking the old record of 22.6.

Forrest Cleveland continued Blacker's winning ways as he took the 100 yard dash in 10.6. Tom Trilling of Ricketts just edged Dabney's Arne Kalm for second; both were timed in 10.7.

Bob Hamson ran a beautiful 660, winning in 1:29.9 and breaking the old meet record of 1:30.3. Gerry Lawrence completed Blacker's sweep of the running events, taking both hurdle races.

FOLLOW THE LOVE-LIFE OF THE **ELECTRON**

Dabney and Fleming were able to break into the win column in the field events, although Blacker's John Ames took the discus with a 103' 61/2" fling. Fleming's Ray Grieser got off a 157'8" javelin throw and Walt Menetrey took the Big Red's other first as he put the shot 39'11 7/8".

Dabney dominated the jumps, taking the first three places in the high jump, one and two in the broad jump and first and a tie for second in the pole vault. Tom Plambeck got over 5'9" in the high jump, Tony Howell vaulted 10', and Arne Kalm broad jumped 19'4 1/8".

added another fine mark to their already imposing list by winning the 880 relay. Their team of Cleveland, Lawrence, Bruce Blackie, and Wileman ran a sizzling 1:34.6 to shatter another

Blacker's victory gives them a commanding lead in the Interhouse Trophy race. They now lead with an even 100 points. Dabney is second with 70, and Fleming is third at 57. Ricketts is close behind with 53, and Throop trails with 35.

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Representatives of Creole will be on the campus Monday, February 21

to interview unmarried graduates with majors in ENGINEERING, PHYSICS and GEOLOGY

SEE YOUR PLACEMENT DIRECTOR

FOR INTERVIEW SCHEDULES

Frosh Sports Roundup

by Bob Walsh

Caltech's freshman basketballers upset league-leading Whittier 55-51 Friday after taking a 75-55 victory over California Poly on Wednesday.

The stunning win at Whittier knocked the Poets into second place among the frosh conference teams, Pomona taking over the lead. It was an outstanding team victory as Tech moved from a 22-13 half-time deficit to take a 15-point lead early in the second half. Whittier came roaring back in the last minutes of play, but a scrappy Tech five stayed out in front.

Rapid field goals by Ron Marson, Glenn Converse, and Dick Van Kirk accounted for most of the Beaver surge in the opening minutes of the second half. Rebounding, hustling, and alertness proved the difference, with Sonny Nelson and Gene Cordes leading the way. Marson was high scorer with 18 points, followed by Converse with 16.

Games are scheduled this weekend with Pasadena Nazarene and Long Beach State.

Many talented freshmen appear reluctant to try out for intercollegiate sports. Playing for the school against other colleges is the highest honor an athlete can attain at college. Only the most pressing problems of grades or finances can keep the true competitor away. We hardly expect our outstanding class to 'spaz" in this respect.

Tennis and track are well under way. Baseball and swimming are just getting started. No conscientious player is ever dropped from a Caltech squad. We look for good turnouts.

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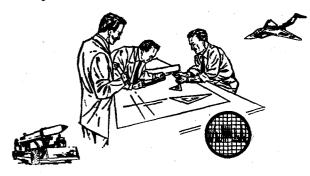
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For further information on the opportunities awaiting you in Systems Engineering at TEMCO, write I. Nevin Palley,

Vice-President Engineering, TEMCO Aircraft Corp., P. O. Box 6191. Dallas Texas.



Professor Neal of AUFS to discuss Yugoslavia here

Fred Warner Neal of the American Universities Field Staff will report to Caltech faculty and students on conditions in the Balkans, particularly Yugoslavia, when he visits Caltech next

Mr. Neal will arrive Monday and remain at Tech for ten days speaking to economics and history classes and meeting informally with student and facul-**CANDIDATES**

goals.

(Continued from Page 6)

routines. I know that with my

high school experience, I will be

able to accomplish each of these

California Tech

Business manager

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ty groups.

He will discuss the significance of Tito's Yugoslavia in talks at a Y Graduate-Faculty Forum and at a Town Hall meeting in Los Angeles.

Professor Neal is the fourth AUFS member to visit Caltech this year. He is one of the AUFS roving professors who divide their time between intensive study of a particular area, often in that area, and reporting on their study to the member colleges which sponsor the Staff.

He spent last summer in Yugoslavia studying economic, political, and social developments there. He has previously studied the history and governments of eastern Europe at universities both in this country and in Europe.

Big T candidates

The job of the editor of the Big T is to produce an annual that will bring remembrance of both curricular and extra-curricular activities to the graduating seniors and other students. I say "produce an annual" because I do not wish to imply that it is the editor's job to write the annual. Instead he must inspire others to share, with the same enthusiasm, the work of putting out a good Big T. Above that he must be able to advise, guide and furnish ideas and suggestions to help his co-workers.

During the past year I have worked both as Assistant Managing Editor and as Photography Editor of the Big T. While working with the Managing Editor I have learned the rudiments of the layout and of good candid photography that is so necessary to a yearbook.

It is with the experience, that I have gained while working with John Lansingh, the publishers and the rest of this year's staff, that I hope to be able to create a great Big T for 1956.

Don Nierlich

This will be straightforward. We are running unopposed as of now for the office of Big T Business Manager. We are running, first because we want the job, and secondly because we think we can handle it. It will require a lot of work, but we're willing to work. We intend to take the job seriously and do our best to put the Big T in as good a financial position as possible. We want our Big T to have the best record of any.

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During the past few years the California Tech has risen from a second-class effort to one of the best newspapers of its kind in existence. We feel that as members of the editorial staff this past year we have come to understand the duties associated with the position of editor in chief, and the standards which should be maintained. We have served severally as writers, news editor, feature editor, and reporter-at-large, and thus have intimate acquaintance with the process of publishing your newspa-

And we feel that, of all the candidates in the running for this position, we are the most capable of continuing this upward trend. We hope you agree.

> Marty Tangora Dick Hundley

FLEMING SECOND — (from page one)

party." Dabney house, last year's winner and beneficiary of the dinner party, came in a close second to Fleming this year. Head of the drive was Vince Marinkovich, ASCIT vice-president. House chairmen were as follows: Blacker, Don Evans; Dabney, Everett Eiselen; Fleming, Riley Jaschke; Ricketts, Jim Workman; and Throop Club, John Andelin. A total of \$2350 was collected in the Charities Drive this year, with late receipts promising to swell the total above \$2400.

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