

# BIG T

1958



The California Institute  
of Technology  
HUMANITIES  
LIBRARY

Physical Plant  
Engineering

Greenhouse  
Biology

MICHIGAN AVE.

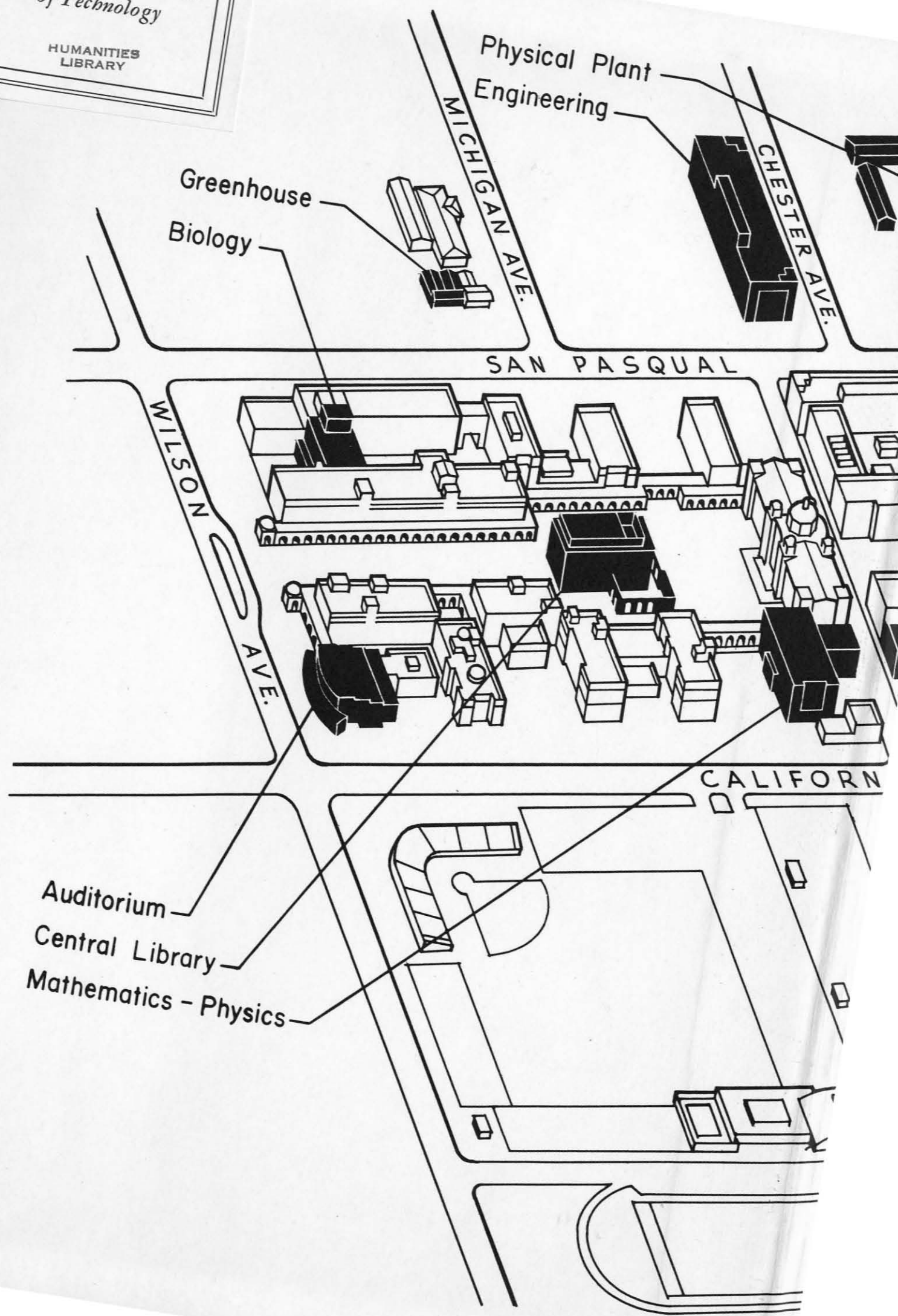
CHESTER AVE.

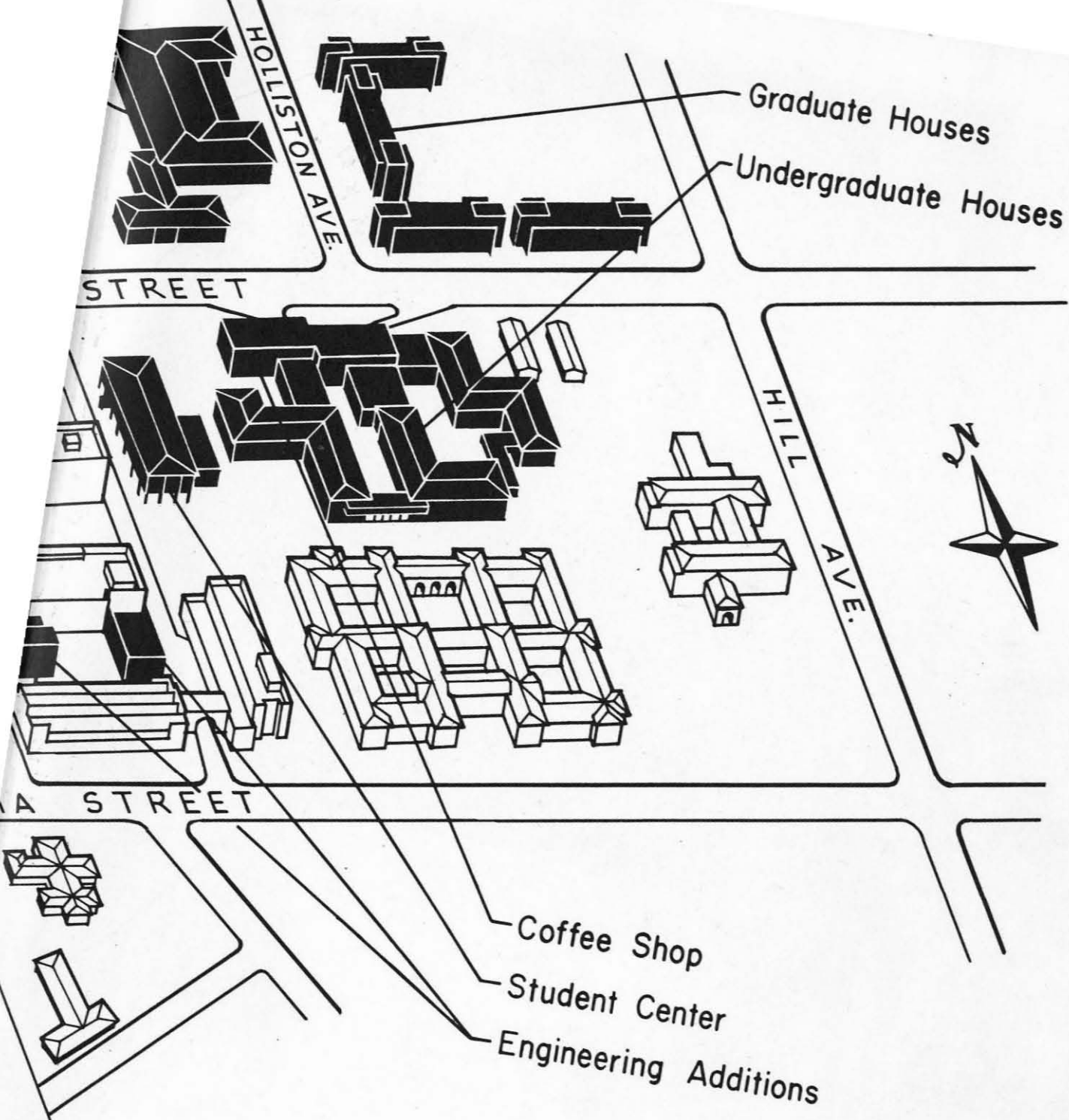
SAN PASQUAL

WILSON AVE.

CALIFORN

Auditorium  
Central Library  
Mathematics - Physics





Graduate Houses  
Undergraduate Houses



Coffee Shop  
Student Center  
Engineering Additions

HOLLISTON AVE.

STREET

HILL AVE.

A STREET

*The 1958*

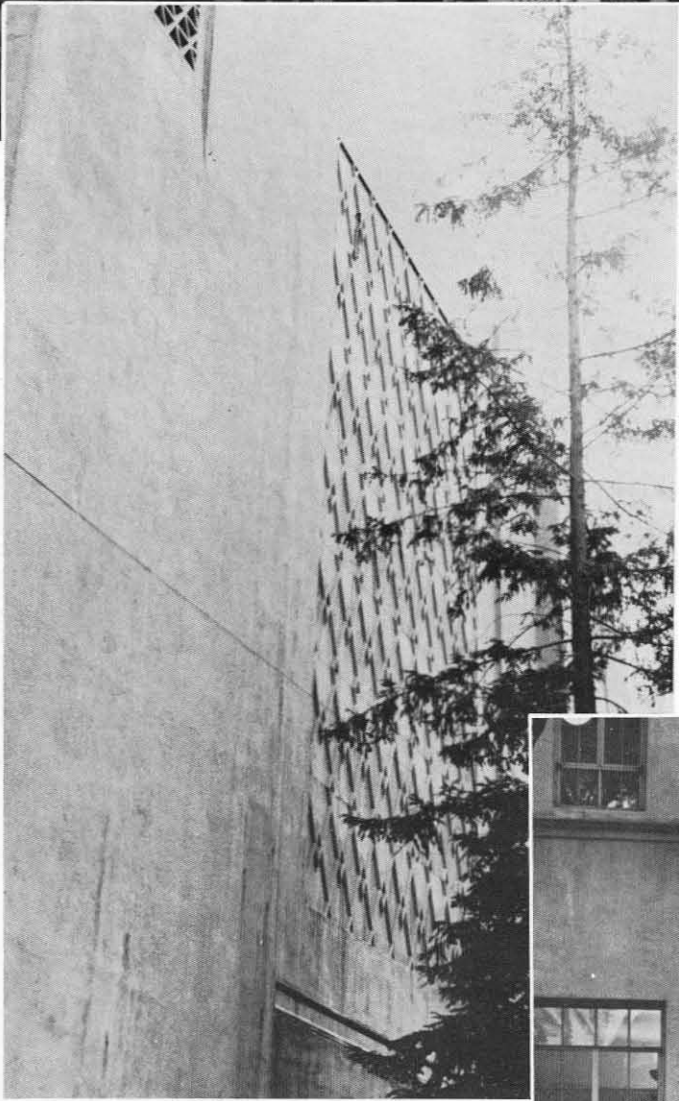
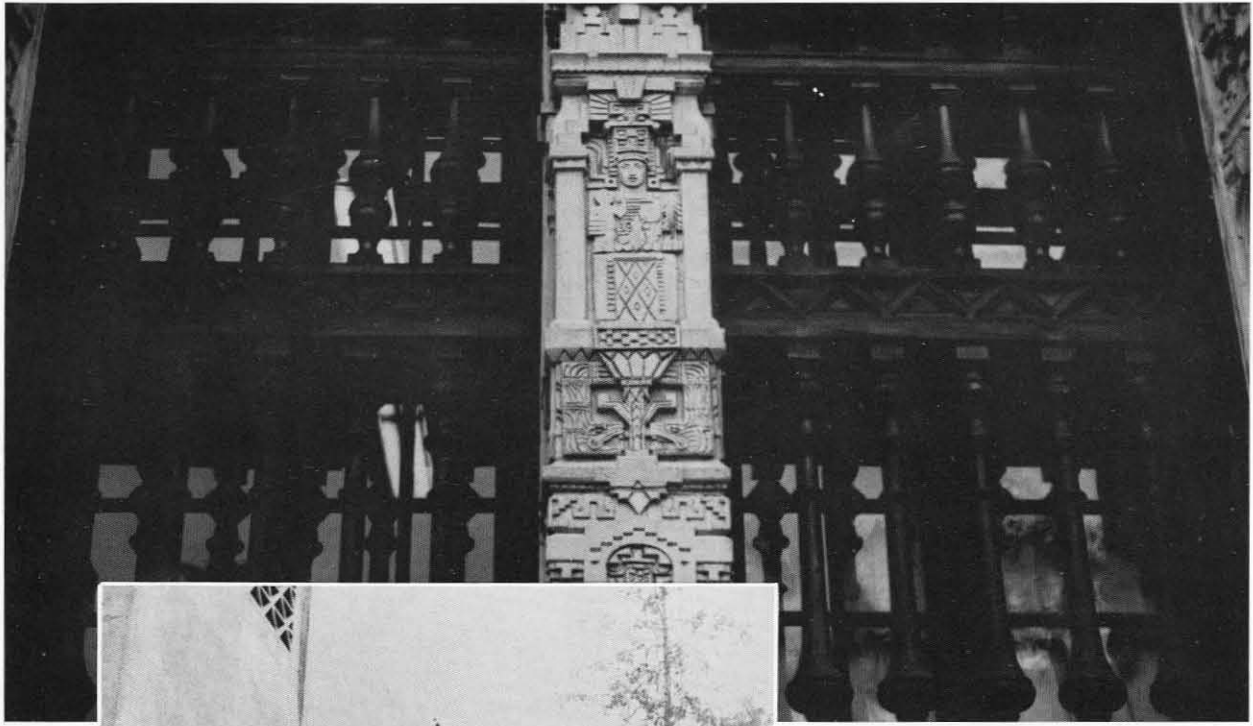
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*Published by*

*Associated Students of the California Institute of Technology*

*Reed Saunders Editor*





*IN MEMORIAM*

*William W. Huse*

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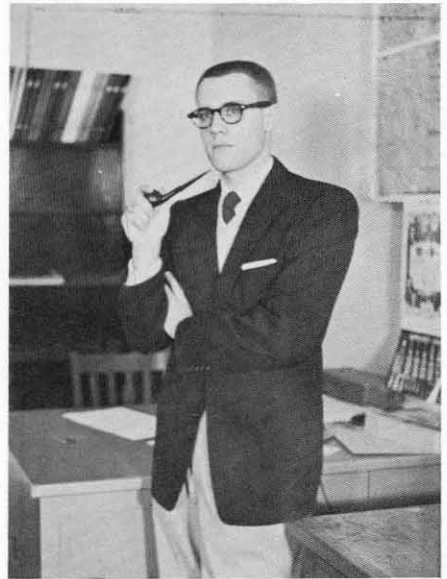
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Dennis Kuli

Louis Linson

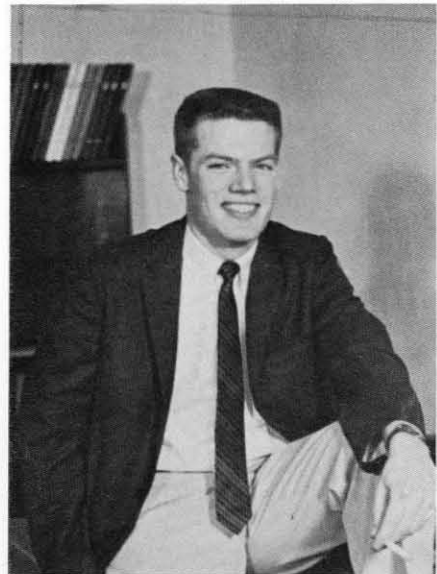
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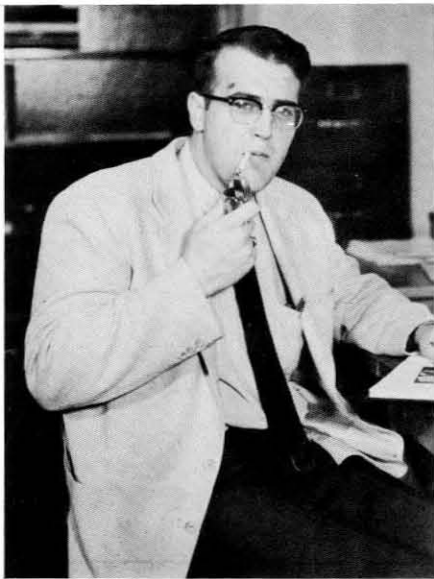
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Reed Saunders, Editor



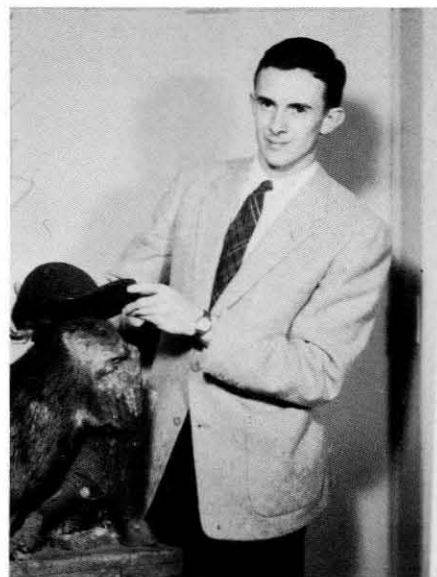
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*IN MEMORIAM*

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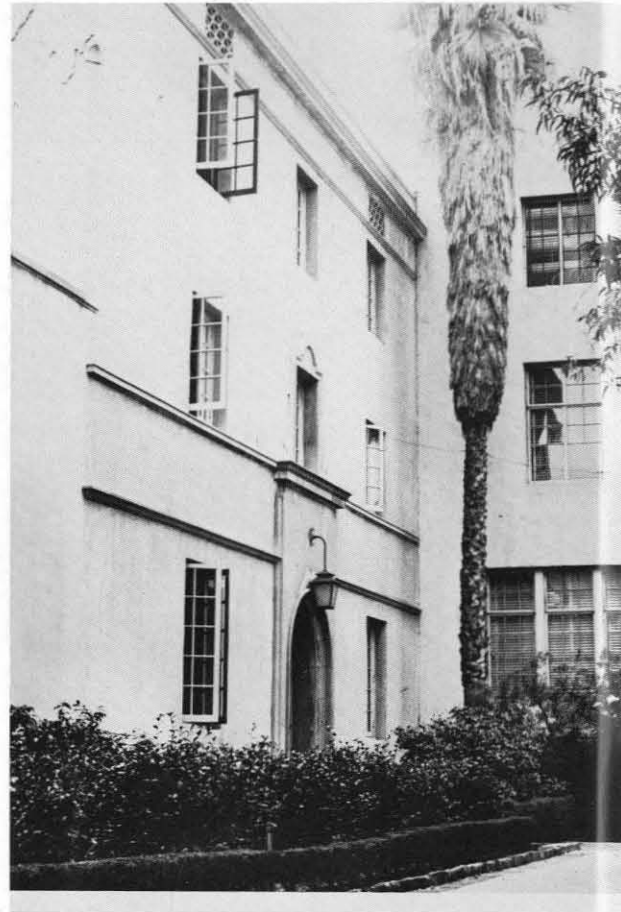


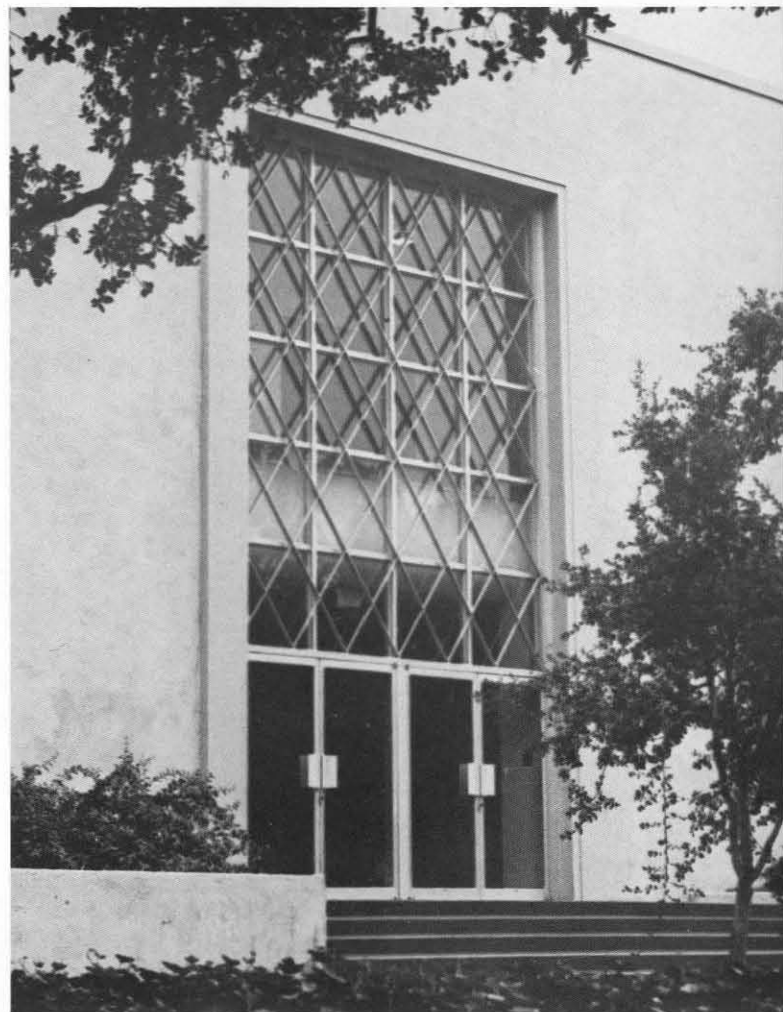
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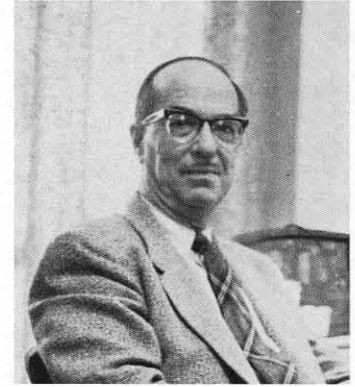
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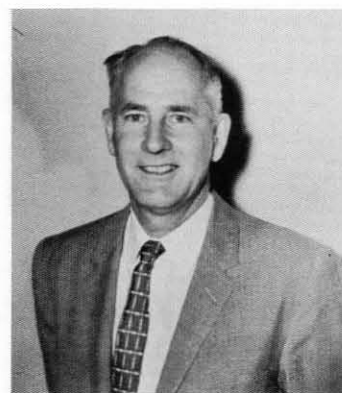


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# *Biology*



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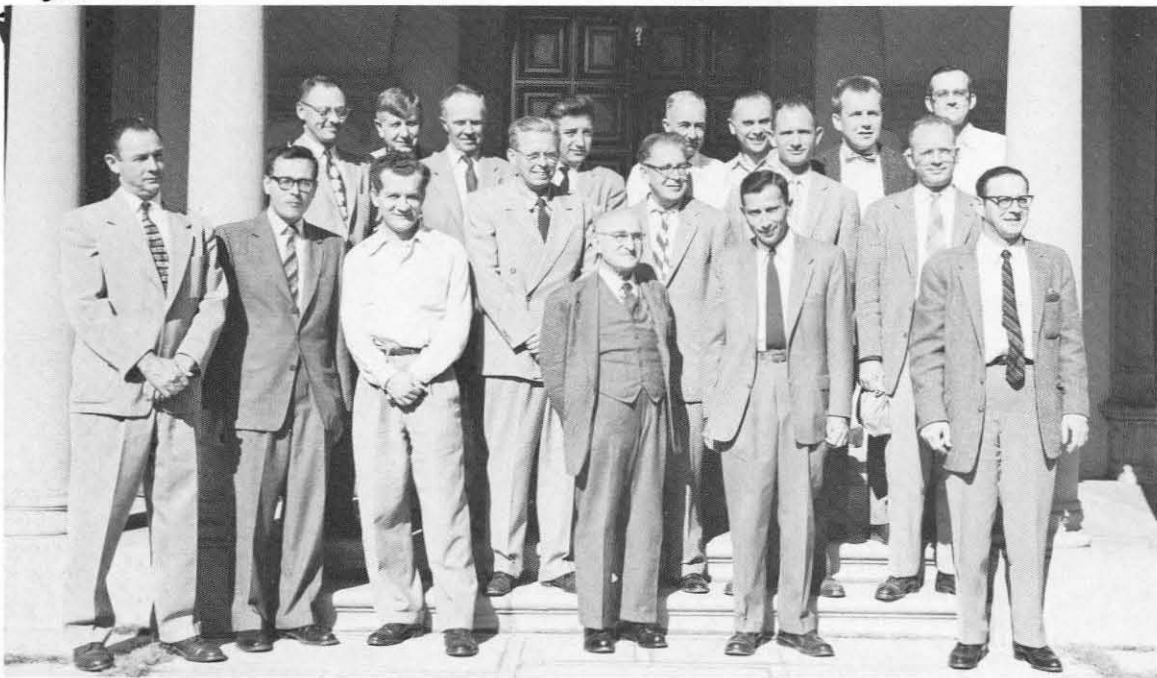
# *Chemistry*

Left to right: Fred Anson, Bruce Sage, John Roberts, Joseph Koepfli, Paul Longwell, Walter Schroeder, William Corcoran, Robert Corey, Howard Lucas, Ernest Swift, Verner Schomaker, Dwight Smtih, Oliver Wulf, William Lacey, Chester McCloskey.



Linus C. Pauling, Chairman of Division of Chemistry.





Left to Right, **First Row:** Robert Sharp, Frank Press, Samuel Epstein, Beno Gutenberg, Heinz Lowenstam, Gerald Wasserburg. **Second Row:** Richard Jahns, Victor Benioff, James Noble, Charles Dix, Harrison Brown, Charles Richter, Ian Campbell, Albert Engel, Clarence Allen, Charles McKinney, Leon Silver, Claire Patterson.

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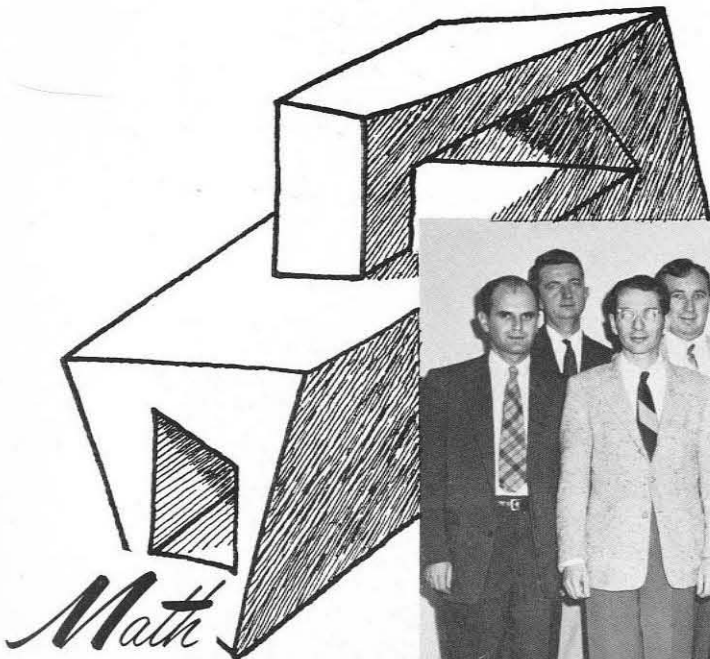


Left to Right: Arthur Code, Donald Osterbrock, Jesse Greenstein, Guido Munch, Fred Hoyle.

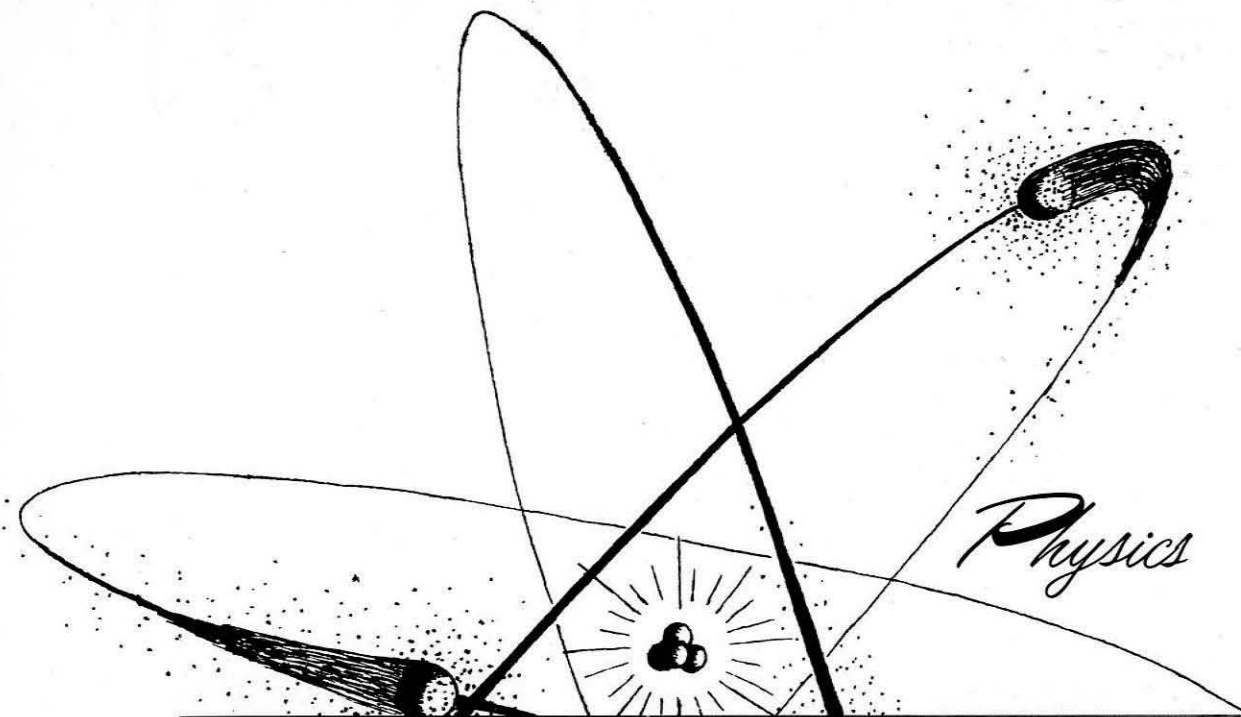
*Astronomy*



Frederick Bohnenblust, Chairman of the Department of Mathematics



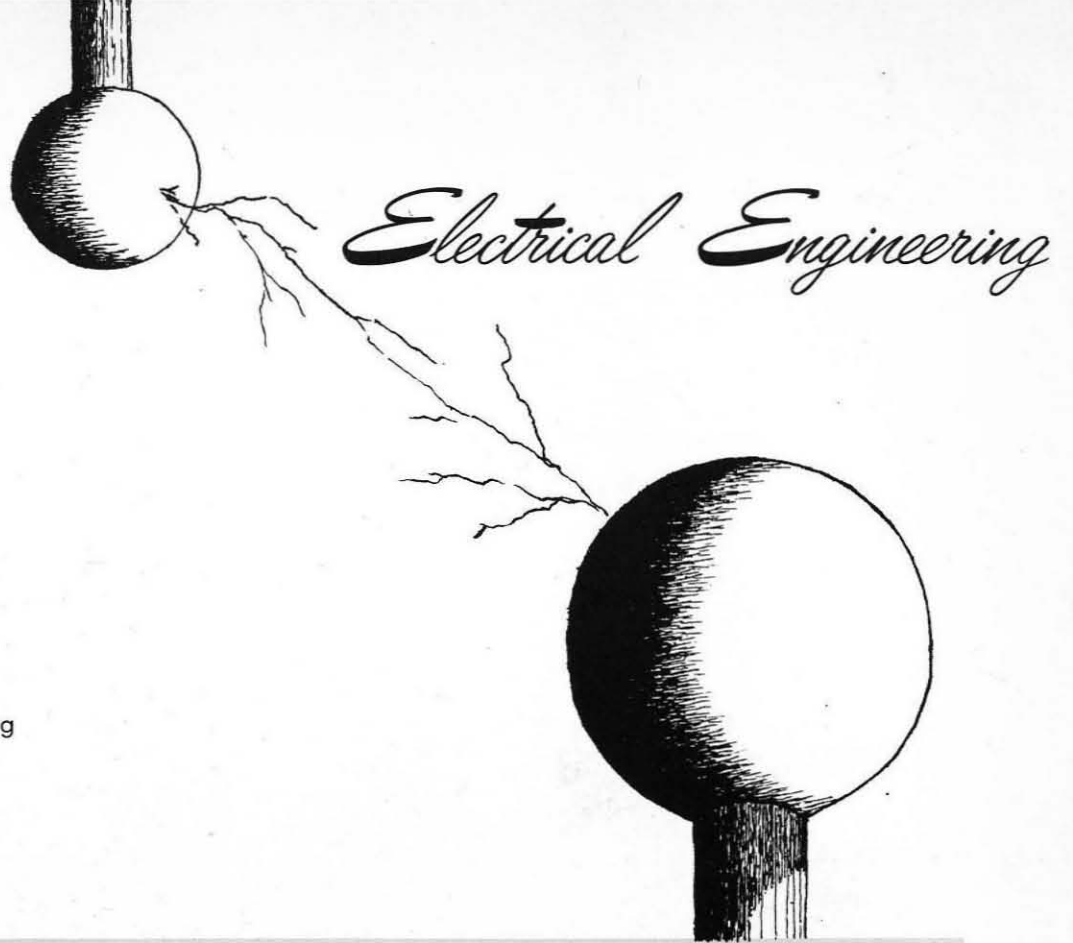
Left to Right, **First Row:** Robert Finn, Frank Spitzer, Mrs. Olga Todd, Arthur Erdelyi, Calvin H. Wilcox, Morgan Ward. **Second Row:** Richard Dean, John Todd, Frederic Bohnenblust, Brock Fuller, Tom Apostol, John Gary, Robert Dilworth.



First row, left to right: William Fowler, Charles Lauritsen, Robert Bacher, H. P. Robertson, Jesse DuMond.  
 Second row: left to right: Thomas Lauritsen, Ricardo Gomez, Robert Walker, William Smythe, Foster Strong, Ward Whaling.  
 Third row: left to right: Charles Barnes, Vincent Peterson, Matthew Sands, Eugene Cowan, Robert Leighton, Carl Anderson, R. F. Christy, John Teem.



Robert F. Bacher, Chairman of Division of Physics, Mathematics, and Astronomy.

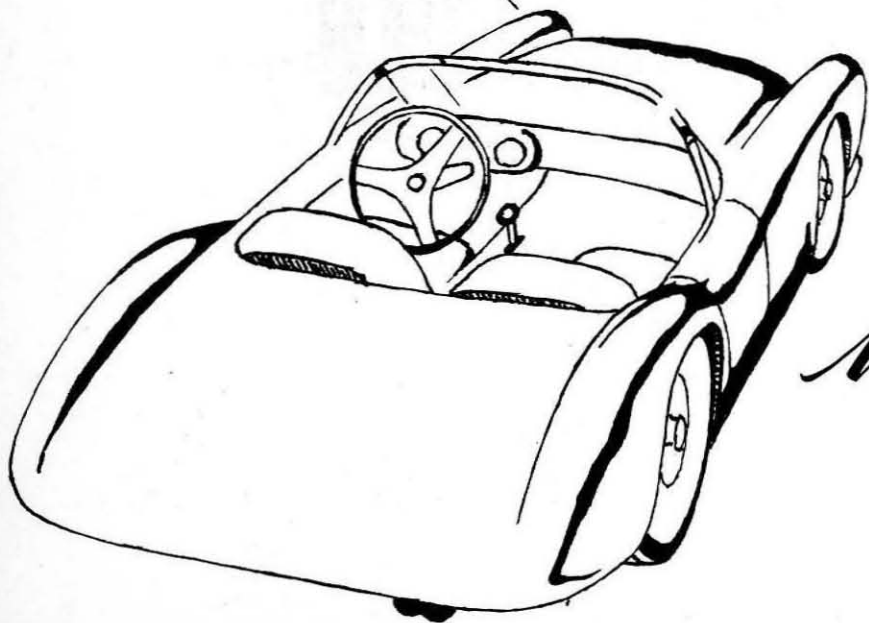


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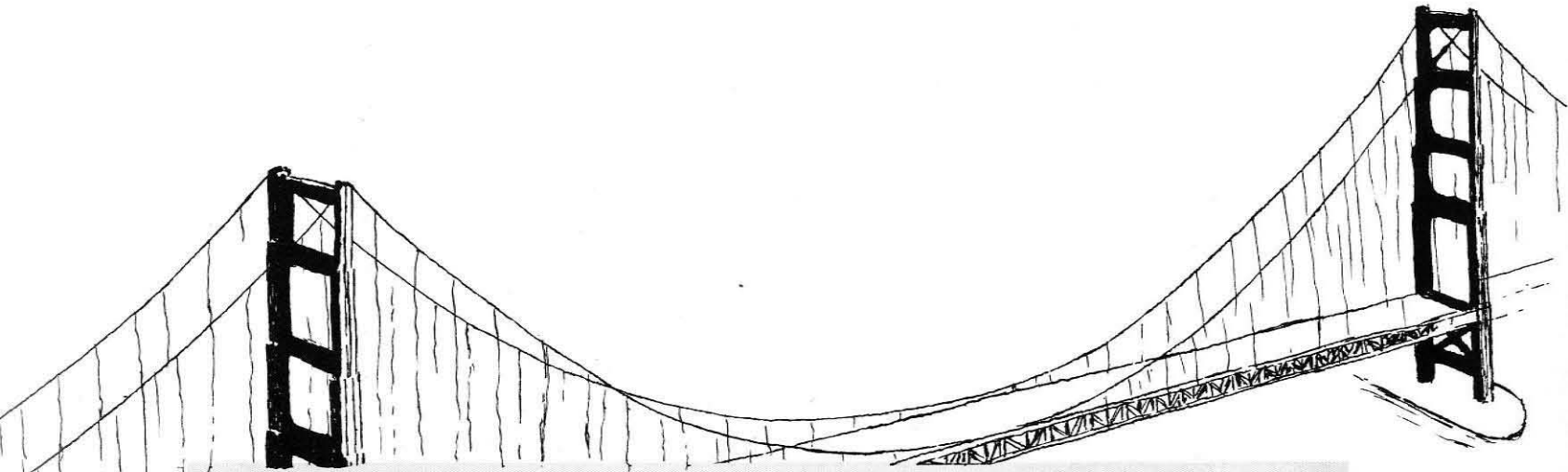


Left to right: Robert Macmillan, David Middlebrook, Lester Fields, Robert Nathan, Joel Franklin, Hardy Martel, Gilbert McCann, Charles Wilts, Charles Papas, Peter Mason.

Left to right: Donald Hudson, Donald Clark, Harold Wayland, Charles DePrima, Pol Duwez, Harald Lurie, Theodore Wu, Thomas Caughey, Rolf Sabersky, Francis Buffington, Julius Miklowitz, Howell, Tyson, David Wood, Frank Marble, Albert Ellis, Lester Lees, Allen Acosta, George Housner, Thad Vreeland.

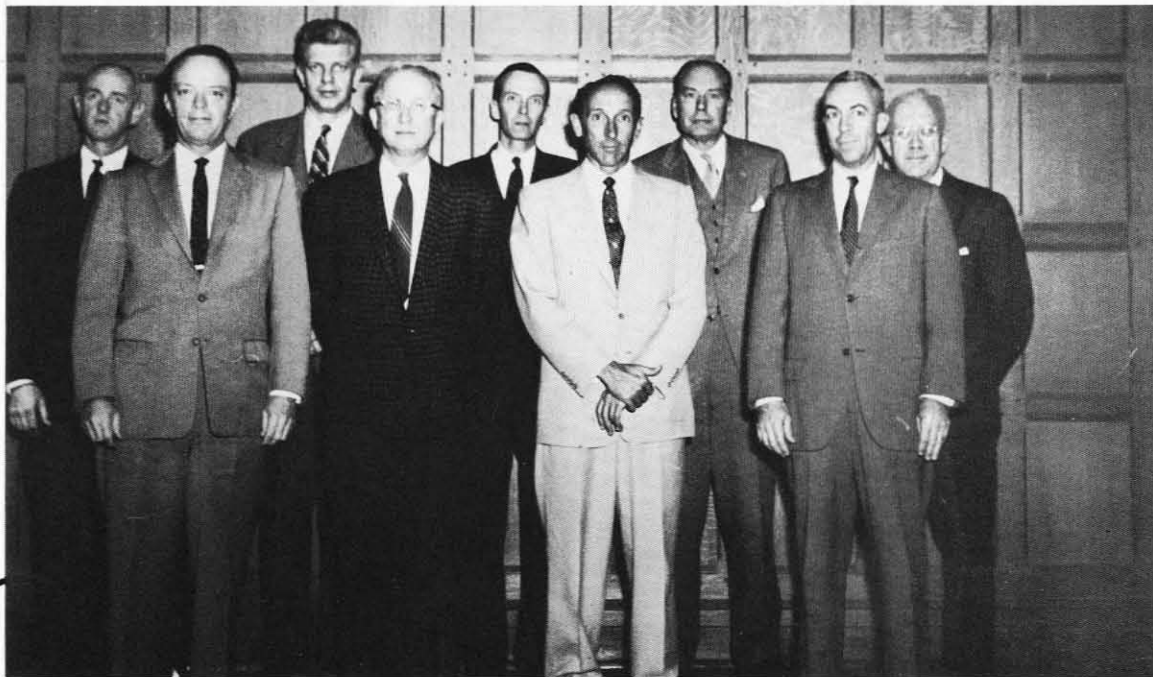


*Mechanical Engineering*



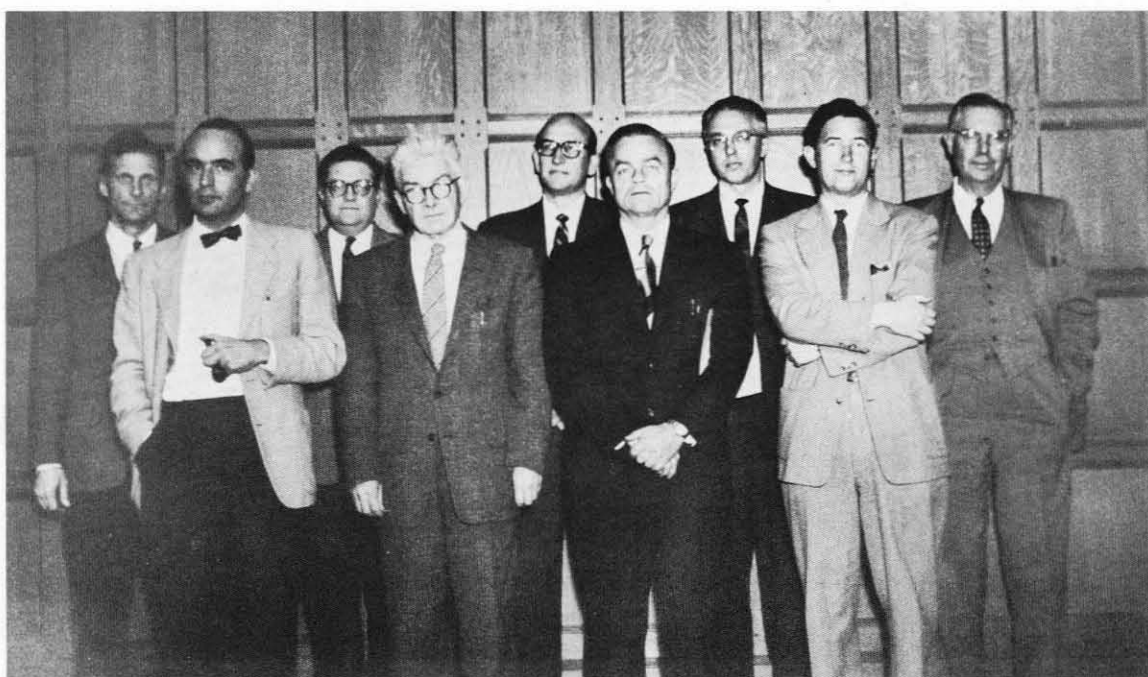
Left to Right: Norman Brooks, Jack McKee, Ronald McLaughlin, Romeo Martel, Calab McCormick, Frederick Converse, George Housner, Alfred Ingersoll, Dennis Long.

## *Civil Engineering*



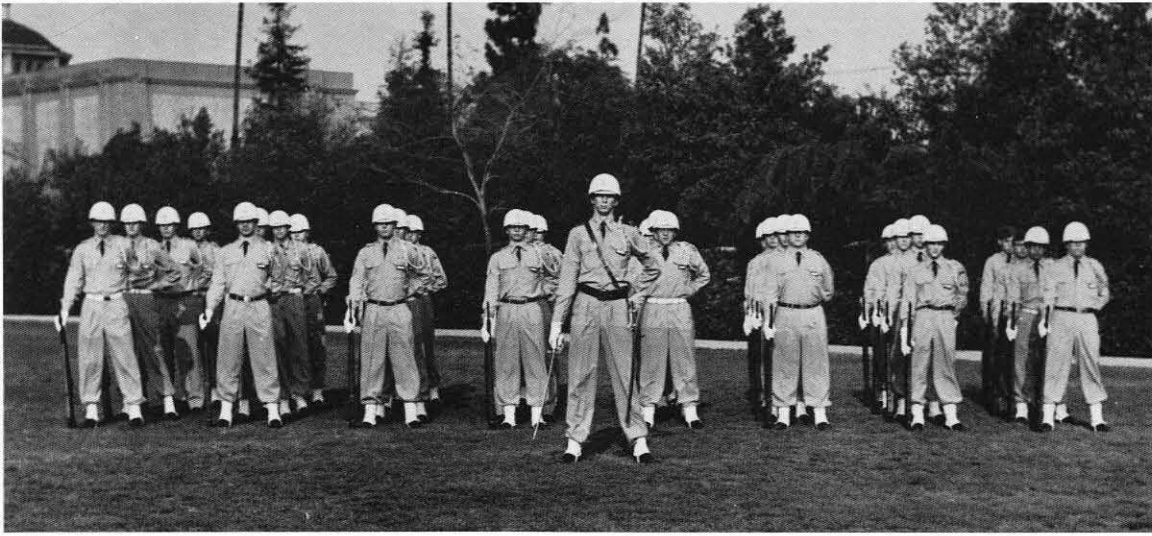
Left to Right: Peter Miller, Hallett Smith, Beach Langston, Paul Bowerman, Rodman Paul, John Weir, Winchester Jones, Edward Hutchins, William Huse.

## *Humanities*



Left to Right: Alan Sweezy, David Elliot, George Mayhew, L. H. Jenks, Melvin Brockie, Horace Gilbert, Robert Wayne, Heinz Ellersieck, Paul Eaton.

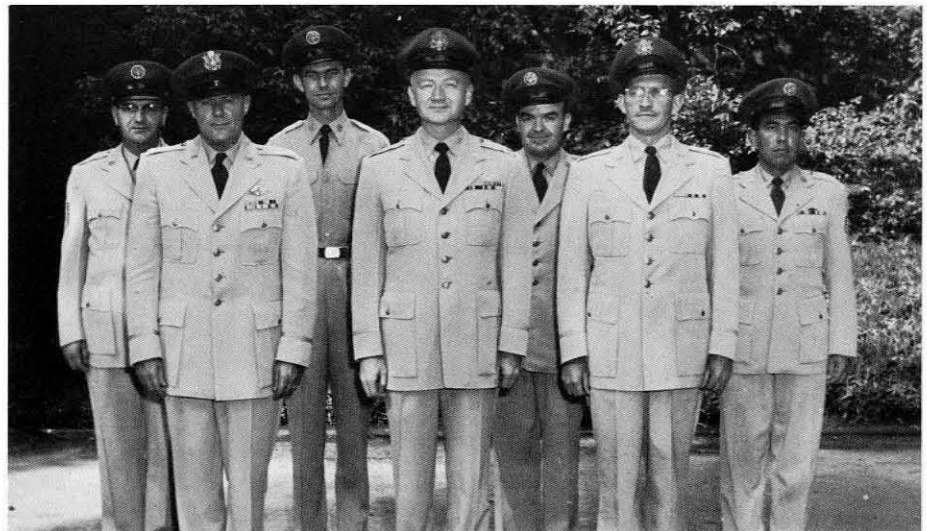
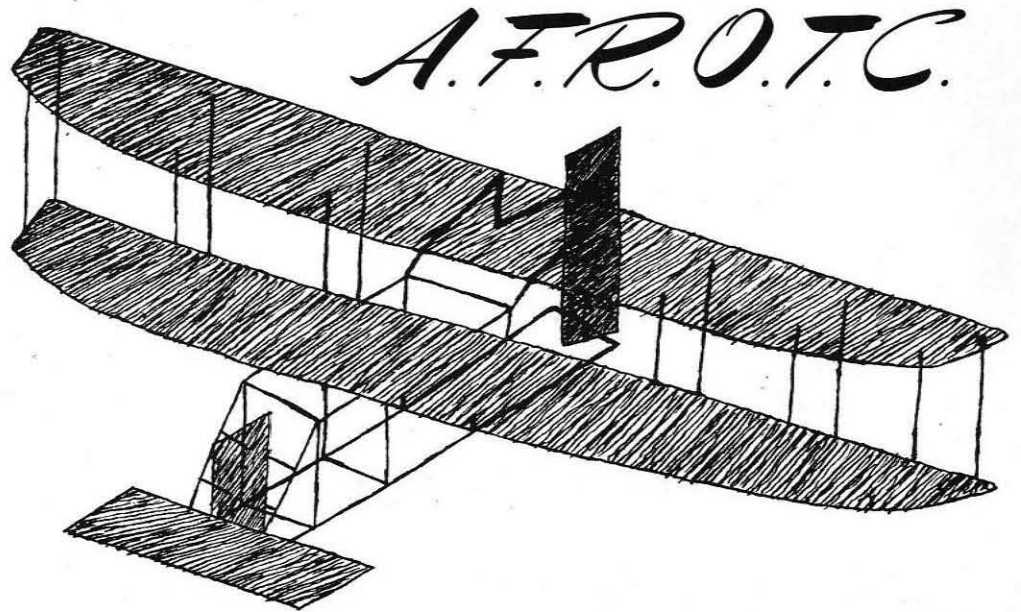




AFROTC Drill Team



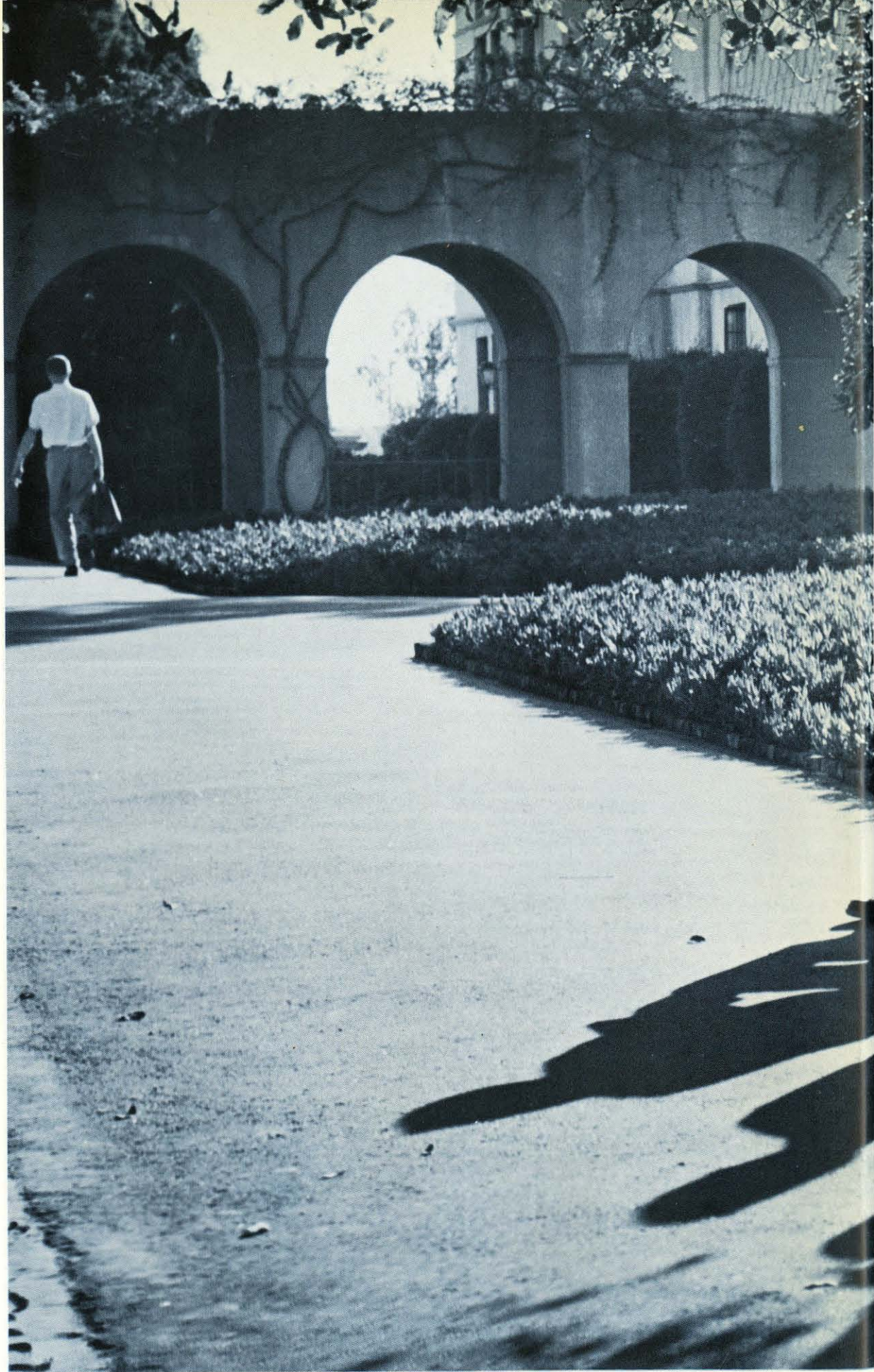
Lt. Colonel Lyle F. Johnston



AFROTC Staff Left to right: Front row: Lt. Col. Johnston, Major McKenzie, Capt. Lanman. Second row: M. Sgt. Bemis, T. Sgt. Freeman, M. Sgt. Justis, T. Sgt. Obina.



*Seniors*





# Seniors

Four years ago a group of those typically brilliant high school graduates who entered Caltech began another phase of maturation; that portion of which is called a college education. In their time at Tech they saw and initiated many changes; in the physical structure of the institute; in the functionings of the student body as a corporation; in the relations between faculty and students, and in Caltech's social and athletic reputations. The parts the members of the class of 1958 played in experiencing and initiating these changes were parts also of their college education, which, of course, must include those extracurricular activities and relationships that aid in the formation of an educated, adult personality.

The educated, adult personality is the ideal end product of the undergraduate training at Caltech, and the administration and students alike realize that a complete adult personality comes not from textbooks and slide rules alone, but also from contact and relationships with people.

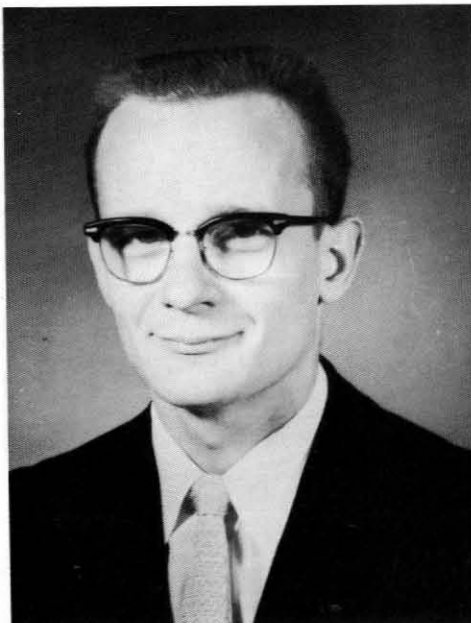
It may seem that you are merely reading the yearly magniloquent senior boast when you read that the class of 1958 had more than its share of those "well-rounded" men who possess the aforementioned educated, adult personality, but a look at the members of the class will substantiate the seniors' claim.

It is terribly easy to fall into the old habit of merely telling, in the senior resumé, who did what, such as has been done in previous years. That this may lead to false conclusions about the class in general is reasonably obvious. Because of space limitations, it has always been impossible to list all those people whose well-rounded personalities are reflected by their multiple and diverse activities, but it is particularly true of the class of 1958 that there were **so many**



Sonny Nelson, Senior Class Prexy

Tom Gunckel, Veep



Phil Reynolds, Sec.



Lou Montoya, Treas.



of these adult, educated personalities as to defy a complete listing. In past yearbooks, the outstanding activities of a few members of the senior class were used to help illustrate that the class members in general had those qualities found in the "ideal" personality. In the case of the class of 1958, it would be a misleading statement to list a few people as outstanding class members, because, as was mentioned above, there were too many outstanding class members to give a complete listing.

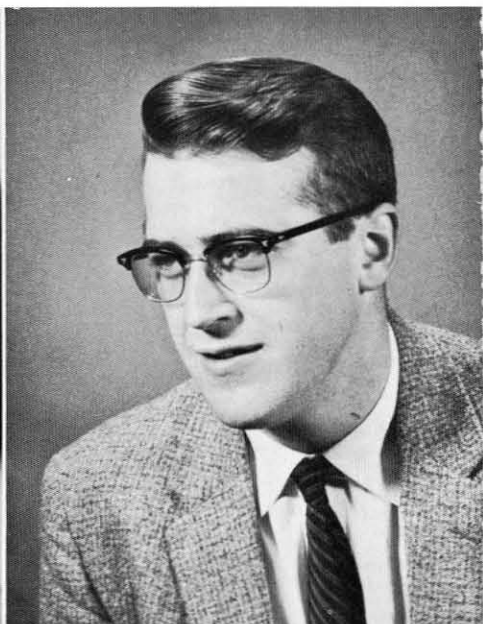
This is one of the chief bits of evidence in the class' claim to greatness; that the outstanding personalities were not few, but many, and it is also one of the major reasons why the members of the class have formed so many solid friendships among themselves.

Many times the members of the class will look back with fondness at the years they spent at Caltech. They will remember the hard work in classes, the tempest-in-a-teapot struggles in campus politics, the satisfaction of creative work on student publications, the thrill of athletic competition, the fun of college dances and parties, and most fondly they will remember the friendships conceived and nurtured in the confines of the Caltech campus. These are the memories they will treasure, and even the most cynical and sophisticated of the graduates cannot help but feel a little sad at the prospect of separating from so many people who have become so much a part of their everyday life; people with whom they have laughed, cried, worked, argued, drunk, hoped, and prayed. Though graduation will present a physical separation to the members of the class, in the mind and heart of each class member there will always be room for the alert, alive, and wonderful class of 1958.



Frank Albini, BOC

Andy Perga, BOC

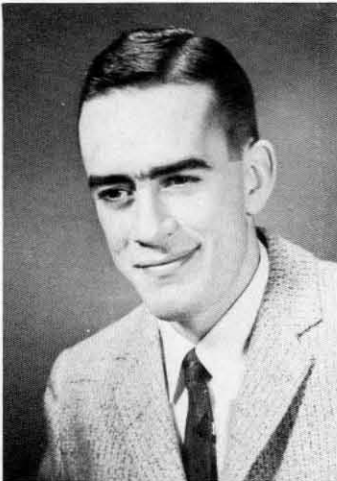


# Chemical Engineering



**ALAN EMANUEL  
Fleming - TBII**

Coming to the Institute from the highly unlikely town of Van Nuys, Chemie brought with him his two most prized possessions: his set of test tubes and his set of weights. After many long hours in Fleming House's fan room lifting weights, this erstwhile chemical engineer became known as one of the strongest men in school, being able to press one-and-a-half times his own weight. Despite the fact that Chemie spent most of his time striking heroic poses, he managed to become Fleming House's athletic manager along with Mac Poor. Along with all these athletics, Al was elected to Tau Beta Pi. He is one of those lucky fellows who is going to continue here as a graduate student, getting his M.S. in chemical engineering. After that, it's get a job and avoid Uncle Sam.



**MAURITZ J. KALLERUD  
Blacker - T1**

The annual product from Casper, Wyoming, Maury has been faithful to the applied chemist tradition of that bachelor-producing city. The mile-high fresh air of his home city prepared him well for Caltech athletics, for besides being a mainstay of the house cross-country team, he was active in many other interhouse sports, too. He topped it all off by lettering in varsity cross-country in his senior year. A member of the ACS and the Chem Engineering Club, Maury also took part in intercollegiate debate. After graduation Maury plans to work until Uncle Sam decides otherwise.



**PHILLIP REYNOLDS  
Ricketts - T2**

Phil came from nearby Glendale, California, bringing with him an avid interest in athletics and physical culture. Football and tennis took up most of his time, along with the job of Ricketts House Athletic Manager. He was also junior class Veep and Secretary of the Senior class . . . and somewhere in the midst of all this he developed a taste for speculation on the stock market. If he doesn't lose his shirt, he plans to return to Tech next fall for an MS in Chem Engineering.



**CHARLES PENQUITE  
Dabney**

Bud came to Tech from the flower of Arizona wastelands — Phoenix. His diverse interests and activities have included a liking for music, keeping the books as Dabney House Treasurer, a report for his AChem class on the manufacture of nitroglycerin, and a harem of women from various sources. Grad school at Tech beckons to Bud for the immediate future to be followed by work in industry.



**JIM RODE  
Throop**

Jim came to Tech from nearby Glendale, California. He got right into the swing of things by going out for tennis and winning his frosh tennis numerals. Since then his achievements include secretary of Throop Club his soph year and president of the Chemical Engineering Club his senior year. As for the future, he plans to attend Tech for one more year to get his Master's in Chemical Engineering.



**DONALD REITERMAN  
Blacker**

From Altadena came Don Reiterman, the "Fangio" of Blacker House. Don is an experienced hand at Tech, having begun his senior year in 1955; experienced enough, in fact, to obtain a P.E. excuse three years in a row. Not that the approximately 225 hours thus saved were wasted, for Don has been treasurer of the Y, a respected member of the Blacker House Math Club and Probability Society, escort to the area's lovely ladies, and owner of the hottest '47 Chevy in town. After graduation, look for Don applying chemistry to the industries of San Francisco.

**JON VALBERT  
Ricketts - TBII**

Big blond Jan is from Harvey, Illinois, from whence he came to cool Tech's chemistry option. Active in the house as a social committee member, Librarian, and UCC, he was also in the ACS and the Chem Engineering Club, and a perennial contributor to the intramural efforts of Ricketts in football and softball. His interest in girls, music, sports, and hi-fi equipment did not keep him from earning election to Tau Beta Pi; he plans to be around next fall for graduate school.

# Civil Engineering



**EUGENE BEISMAN**  
Fleming - T2

Gene Beisman was born, bred, etc., in Las Vegas. To most people Las Vegas means Nevada, but the one the Beisman was born in is in an uncivilized outpost called New Mexico. No one knows how Gene got into Tech — the deans claim it was a mistake. However Beisman got here, he has done well since. His outstanding grades in Football have lead to two varsity letters, and his excellent ability at dodging water balloons has made him outstanding in ROTC. Beisman has prepared himself for his future career in the Air Force and at work by learning to waste time with such extra-curricular activities as photography, hiking, and the ASCE.

**HUGO FISCHER**  
Ricketts

Happy Hugo brought with him from Colorado Springs, Colorado, a love of wine, women and song (all of them bad). Being ASCE veep, Alpine Club president, Ricketts House treasurer, and last one out from under the collapsing Ski Club, he still found time to play soccer in the fall, and ski as often as the weather permitted in the winter. Both of these endeavors (and wine, women, and song) he plans to pursue next year abroad, under the pretense of graduate school.

**ART STACY**  
Throop

Art, being a local boy from La Canada, attended Glendale High. From there he went to Oxy for three years and then transferred to Tech as a junior on the 3-2 plan. Since Art has been here at CIT, he has become corresponding secretary of the ASCE aside from being on Throop's softball and cross-country teams. Outside of school, Art's prime interests are horses, skin diving, and rock hunting. Upon graduation, he intends to go to work in a structural engineering office.



**STEVEN EMANUEL**  
Fleming

Life holds no complications for Simple Steve: books are bad, beer is good, women are best of all. Armed with this philosophy, Steve managed to last through four years of Tech and still retain most of his sanity, though even this is sometimes disputed. His last known residence is Tujungville, California, and he claims to have been sports editor of the California Tech, out for track, cross-country, and soccer, and secretary of the ASCE. Next year Steve plans to go to a grad school that offers a smog-free climate, no work, and lots of parties.



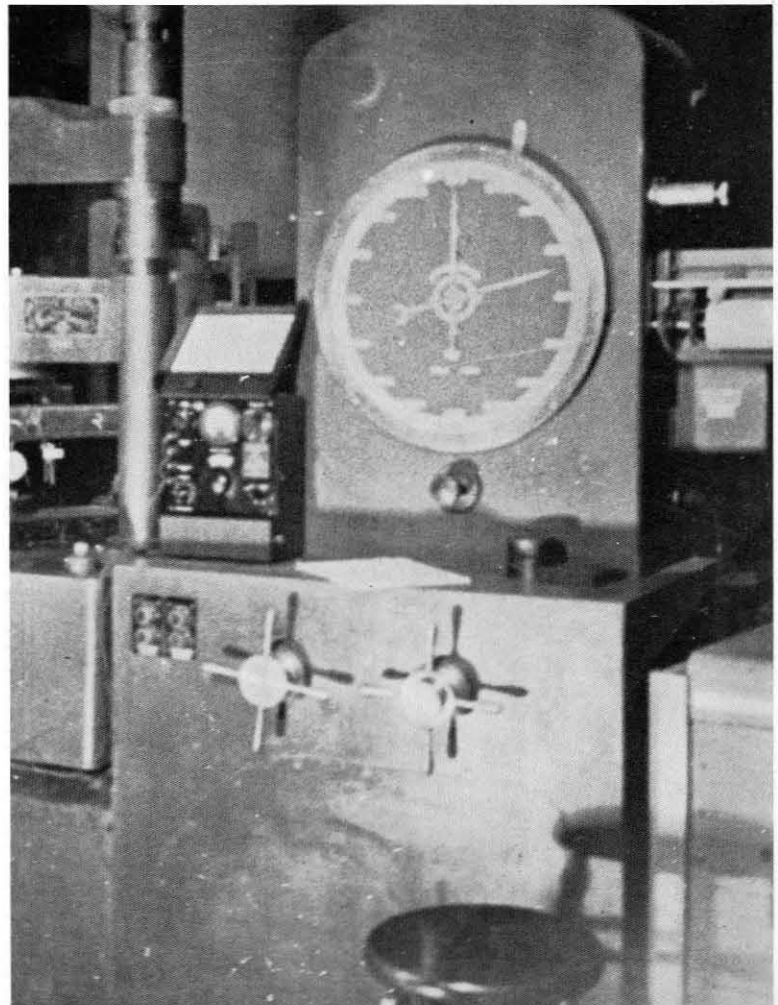
**JON TIBBITTS**  
Throop - T2

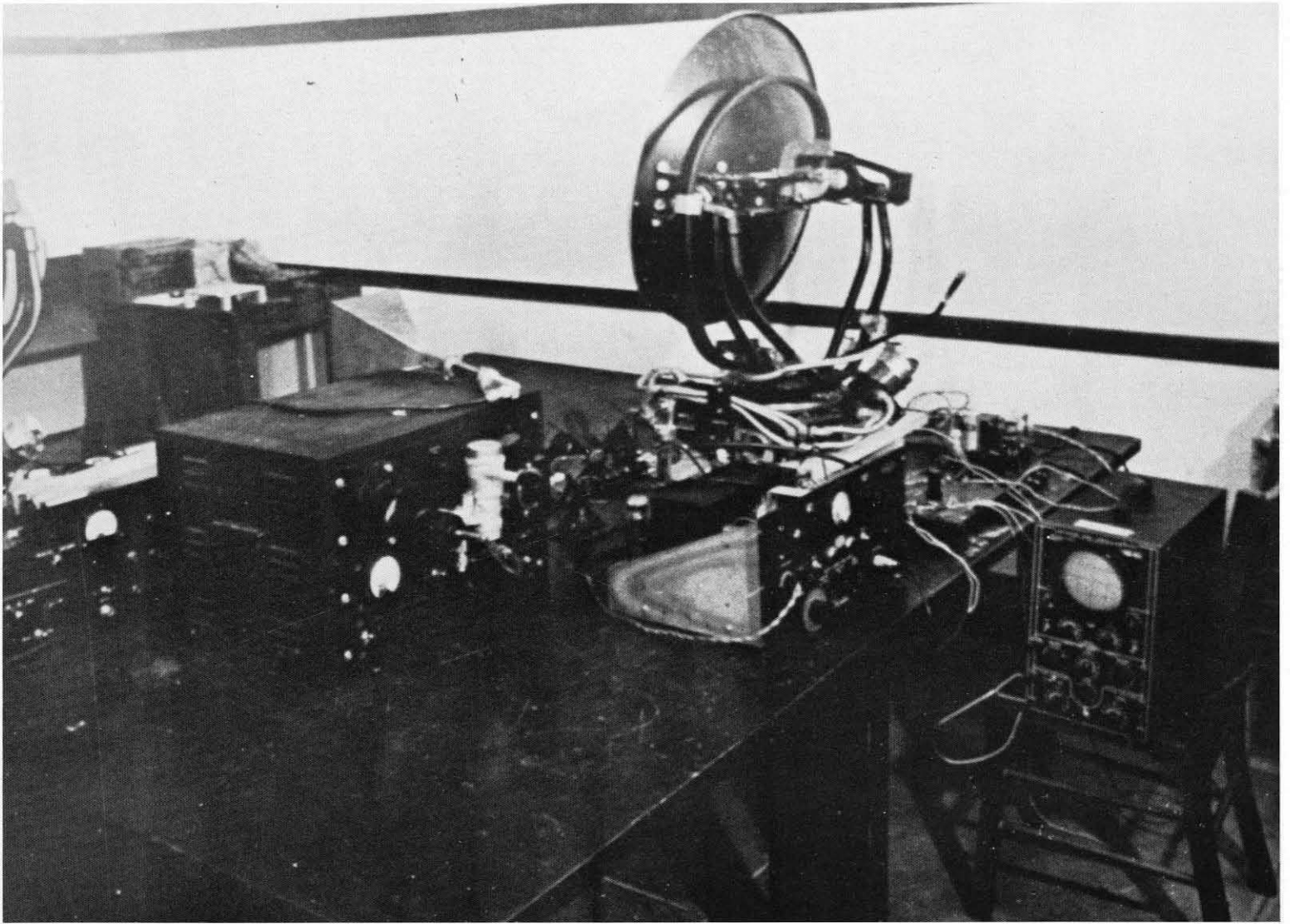
Jon, who hails from Central Valley, California, is a member of the 3-2 plan from Whitman College in Walla Walla, Washington. Since he has been here these last two years Jon has made quite a name for himself being a varsity golf letterman, member of the varsity basketball team and Throop's championship softball teams, and treasurer of ASCE. As for the future, Jon is undecided between grad school and the cold, cold world, but he seems to be leaning towards the cold, cold world.



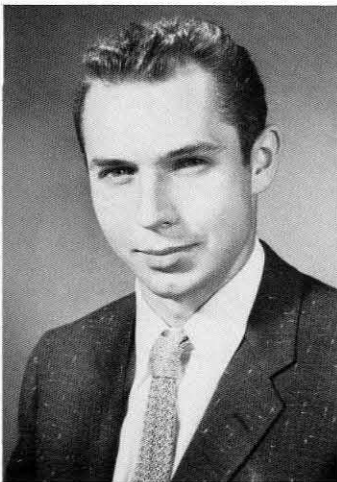
**THOMAS R. WARRINER**  
Blacker House - T2

After a year at San Jose State, this tennis player from Saratoga, California, came south to help out our varsity and Blacker's inter-house team. When not studying or practicing for the old college try, he has been known to wander across California Street for tennis dates and the society of a prominent Pasadena young lady who has, unfortunately, announced her engagement to an investment broker. Read has also spent much time in the activities of the local ASCE Chapter, of which he is President. He will resign this office to accept a commission from the U.S. Public Health Service, he hopes. Graduate school claims the remainder of the foreseeable future.





## *Electrical Engineering*

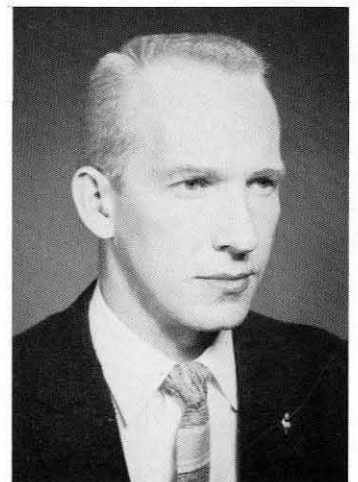


**JOHN ASMUS**  
TBII

A native of Ontario, California, John arrived at Tech four years ago to pursue the field of Electrical Engineering. To further his interests in E.E., John took membership in the I.R.E. John's interests are many. As a frosh, John was a member of the Frosh Football team. He has also participated extensively on the Varsity Swimming team. John's other activities include membership with a dance band. He blows trombone for the cool sounds of the Navalaires Dance Band. With these extensive extracurricular activities, John has managed to achieve high enough grades to become a member of Tau Beta Pi. For the future, John plans grad school in E.E. at Tech, and hopes to work part time.

**DAVE ALLEN**  
Ricketts

As the "Grand Old Man" of the senior class, Dave has been best known as a patron of such arts as flammers and sports cars. Being the last of the "old guard" of ramblin' wreck engineers, Dave was frequently called upon to instruct innocent neophytes in the special vices of Caltech life. With quiet enthusiasm and imagination he was responsible for much of the color which accompanied student life.



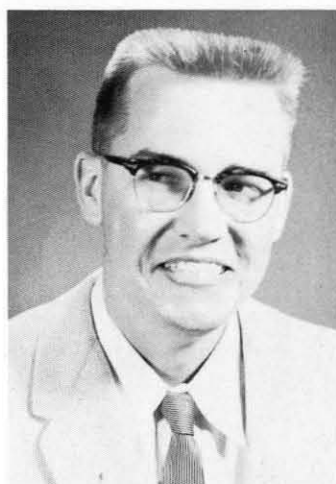
**TRACY ATHERTON**  
Throop

Tracy came from nearby Glendale to pursue his career in E.E. at Tech. Tracy has been quite active in campus affairs, notably Throop Club. The men of Throop will long remember the excellent carpentry done on their Eiffel Tower by Tracy. A casual glance at the Eiffel Tower which Throop built, shows exceptional craftsmanship in its construction. Tracy was also Secretary of Throop Club during his stay here, and also bolstered the Interhouse Softball and Bowling teams which Throop has sent to the wars. A further look into Tracy's Caltech life shows participation in the I.R.E. where he furthered his interest in his chosen field. Tracy's future plans include grad work at Tech in E.E. His social future is fairly well planned as his wife will attest to.



**RICHARD BARON**  
Ricketts - TBII, T2

Busy Dick Baron from Los Angeles. Dick plunged right into a series of campus activities the minute he got here, including IRE, SAE, Newman Club (of which he was president), freshman social chairman, sophomore vice-president, junior class president, and Ricketts House Social Vice-President. Besides which he lettered twice in football, supported an active interest in sundry water sports, and managed to earn election to Tau Beta Pi. He plans marriage, grad school, and eventually work in the outside world. (Whew!)



**J. P. CONWAY**  
Blacker

This senior from Canoga Park, California, started his career at Tech six years ago. After an unsuccessful first term, he decided to spend the next two years at Valley JC and UCLA and return to Tech for his sophomore year. A member of the IRE - AIEE, J. P. is also interested in bridge, bowling, and weightlifting, and professes to be a connoisseur of fine refreshments. The future poses no problem to J. P., for the Army has promised to take care of him for the next two years.



**RICHARD COOPER**  
Throop

This local product hails from the far-away town of Glendale. His senior grades were as phenomenal as those of his previous years despite the fact that he was married, worked part time and was Throop Club President. Dick has also been an active member of the Beavers and is now a GNOME. He looks forward to grad school at Tech and a well-paying job.



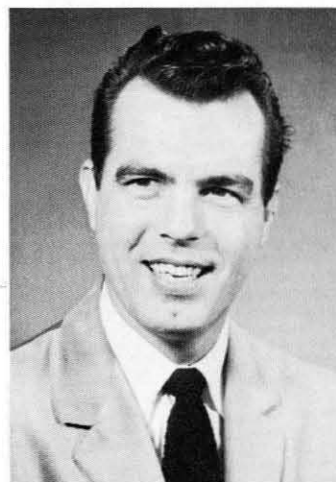
**HAL FORSTEN**  
Throop - T2

Coming from far-away San Diego, Hal transferred to Tech from Compton J. C. as a junior. For the last two years he has held down a berth on the football team and will be remembered as one of the two smallest halfbacks on the team and probably in the conference. Aside from his participation in athletics, Hal has found enough time to pursue his interests in EE to such a point that he is a member of IRE. Besides being married, he has also taken an active part in Throop's numerous social events. As to the future, Hal is looking forward to grad school here at Tech.



**RICHARD HERLEIN**  
Fleming

When Dick was a freshman, most people thought he was (1) clumsy, (2) very slow, (3) eventually going to flunk out. He has definitely proved during his time at Tech that he is not going to flunk out. In sports he has distinguished himself by going out for football, track, and cross-country in both varsity and interhouse competition. He went out for more varsity sports than any other man in his House and Junior year held the pole vaulting record for the greatest number of cross-bars, poles and standards broken. In House affairs he has been equally active, serving a term as Fleming House Librarian, Captain of the Crew Team (or Anti-Physicists Club), and President of the Women-Are-Evil Club. The campus has enjoyed his gifts as Newman Club House representative and as a member of the IRE. Nor will Caltech lose this sterling personality after graduation, for Dick plans to do graduate work in EE here next fall.



**RILEY HOLLY**

Riley came to Tech four years ago from Los Angeles to pursue the fine art of Electrical Engineering. During his stay at Tech, Riley has found it quite necessary to carry an extra work load. He has been working at Electrodata these past few years in order to support his wife and two children, ages 3½ and 2 years old. Riley has been an active member of the I.R.E. during his Tech career. To balance out the academic side of his life, Riley has a great interest in bowling. Riley's plans for the future are quite simple and straight-forward. To "live a full life."



**HARVEY HORIUCHI**  
Fleming

Rarely emerging from the Atheneum since his arrival from Kyoto, Japan, Harvey has managed to work in time for photography, movies, and girls along with his successful major in waiting. A member of the Rotary Club, I.R.E., and a social member of the I.N.A., he has also been out for interhouse tennis and plays a mean game of ping pong. Despite his life of seclusion in the Atheneum, this rather unobtrusive lad has so enamored life at Tech that he intends to do good work in E.E. at the Institute.



**DAVID LEESON**  
Ricketts - Honor Key (2), TBII T1

Happy, bouncing, always on the go. Dave is the life of every party and sure to be at every one. He came all the way from Beverly Hills, California, to see what Tech's EE department was like. Besides cooling the school, Dave was sophomore class president, ASCIT first rep., and California Tech Business Manager and Executive Editor. He also earned two letters in baseball . . . but his biggest accomplishment at Tech was to get engaged to Rosa. He and Rosa will pack up for back east and grad school after a little ceremony with the local clergy.





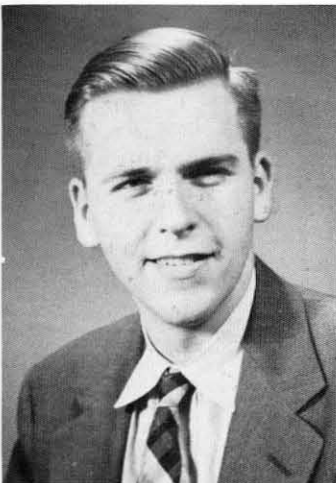
**KEITH MARTIN**  
Dabney - T4

This EE came to Tech as a water sports enthusiast from nearby Compton. On top of his four varsity letters in water polo and swimming, he branched out by becoming a Glee Club member, IRE-AIEE Prexy, and Dabney House Historian. This likable guy's future plans include continuing his interest in literature and the great outdoors (hiking and swimming), and being on EE in some position where he's working with people.



**BRUCE McKEEVER**

This former mathematician who hails from Altadena has spent four extremely academic years at Tech. People will always remember Bruce for his valiant efforts in trying to liven up his classes by putting on a show for his fellow students. After grad school here at CIT, Bruce looks forward to expounding his wisdom to fellow engineers in industry.



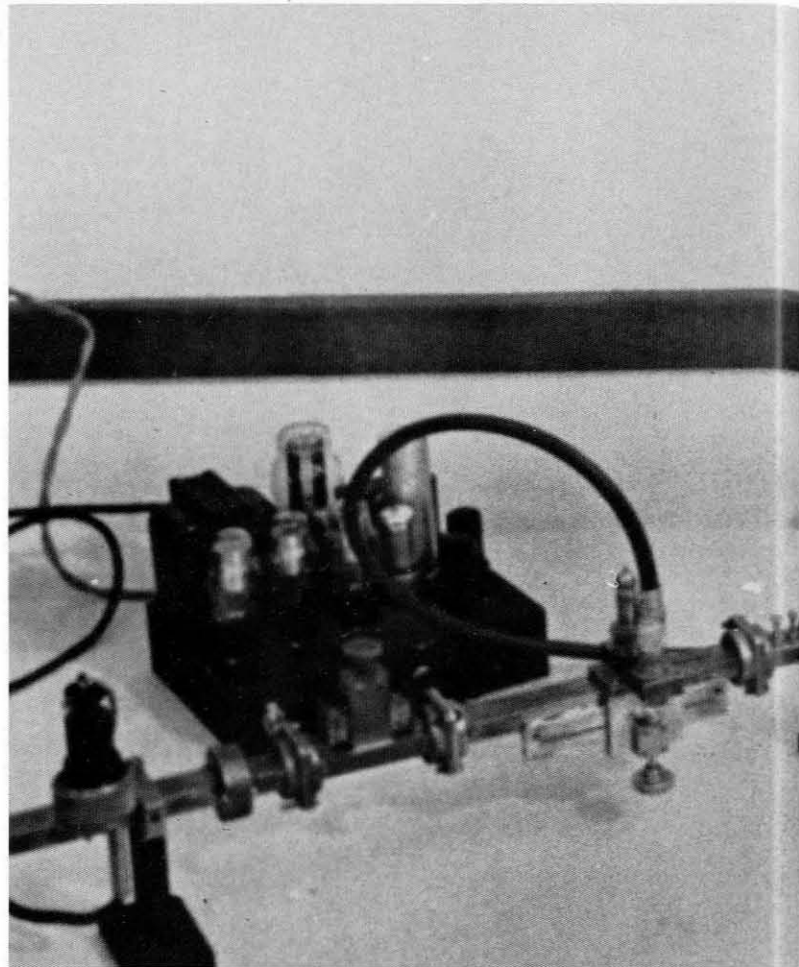
**RICHARD NEVILLE**  
Ricketts - TBII

Dick wandered out to Caltech along with a general mass exodus from Arizona towards this institution four years ago to pursue his fancy, that being the fine art of E.E. His grades during his Freshman year were enough to put him into Honor Section and from there to Tau Beta Pi and the office of Vice-President of the group. Originally in Ricketts House, Dick found the lure of married life too much to combat, so he partook of his buddies in the Houses to devote his time to more important matters. While at Tech, Dick has been quite active in Interhouse sports, having played both softball and tennis. His other interests include his activity in I.R.E. and as a natural consequence, he is a Hi-Fi(natic). Dick's future plans include an M.S. in E.E. and then out into the business world to earn some dinero to support his family.



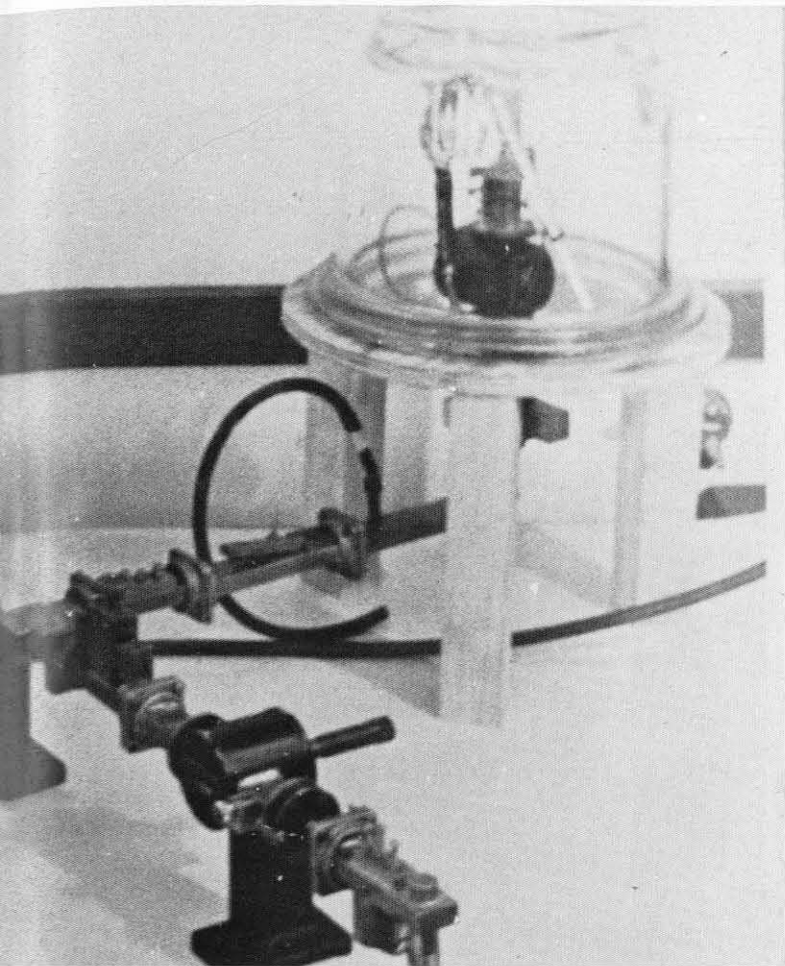
**GEORGE OETZEL**  
Fleming - TBII

Coming to us out of the snows of Beloit, Wisconsin, George has become another campus professional secretary: Secretary of the Y, Secretary-Treasurer of the IRE-AIEE and of the Radio Club, of which he was later President. Although very interested in EE and spending much time fooling with electronics (well enough to make Tau Beta Pi), George is also one of that strange breed called a humanities snake, and as a member of the Alpine Club is an enthusiastic mountain climber. Due to his activities here during the past four years he can look forward to graduate school, probably for one year, and to marriage this summer.



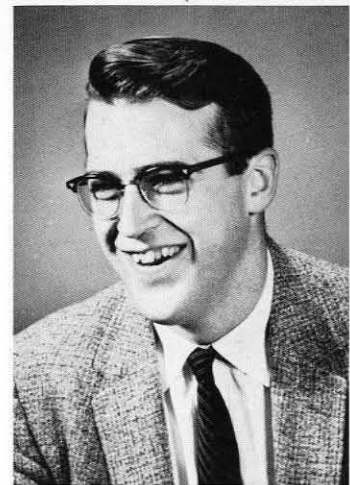
## *Electrical*





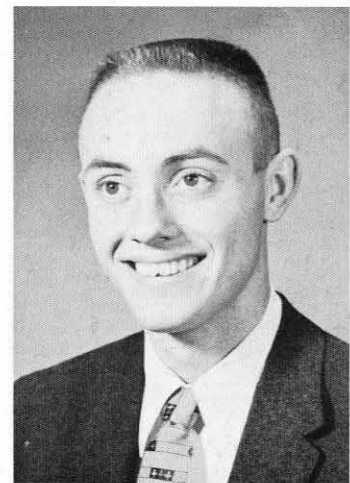
**ANDREW PERGA**  
Dabney - Honor Key

This big ex-copper miner from Butte, Montana, came down to Southern California to experience some of its renowned intellectual atmosphere. In these last four years Andy has done much more than match impedances: Dabney House Treasurer and U.C.C.; president of two clubs, a member of the B.O.C.; Chairman of the A.S.C.I.T. Educational Policies Committee, Students' Day, and a Leader of America committee; an Annual Editor; as well as active in debate and interhouse football and track. His future plans include an M.S. in E.E. at Caltech grad school and then some high paid work in industry.



**ROBERT POLANSKY**  
Throop

Bob is a local boy coming from far off South Pasadena. Aside from being an active member of Throop Club, he spends much of his spare time on the "air" as a ham radio operator and picks up a little money on the side tutoring high school math. Bob plans to be married this June and then serve 3 years in the Air Force as he is at present in ROTC. After his hitch in the service, he intends to settle in Southern California and go into industry.



# Engineering



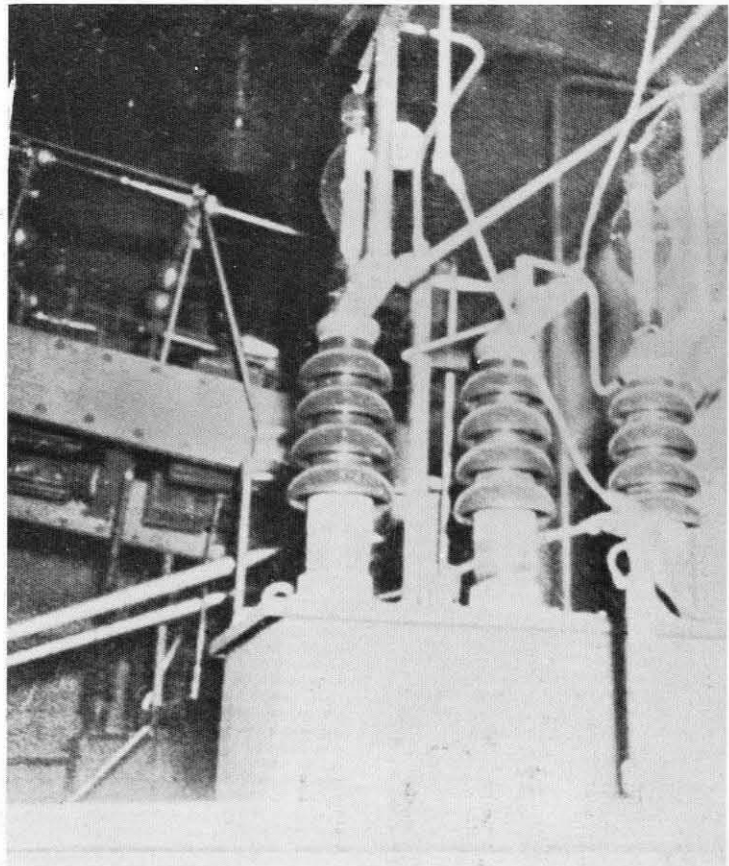
**RALPH SCHINNERER**  
Dabney

Ralph, one of the foremost in a long line of -erers in Dabney, enjoyed many distractions from EE during his stay. In the Interhouse race football, basketball, tennis, softball, and volleyball kept him moving, and he rounded out his athletic prowess with an avid interest in music. Both a glee club and band member, he was undoubtedly the loudest roter in the stands (bass drum). Using truly prophetic foresight, he has found the way to perfect employment, installing the new Mrs. in the placement office. He and Mary Ann plan to accept any offer over \$1200 per month.

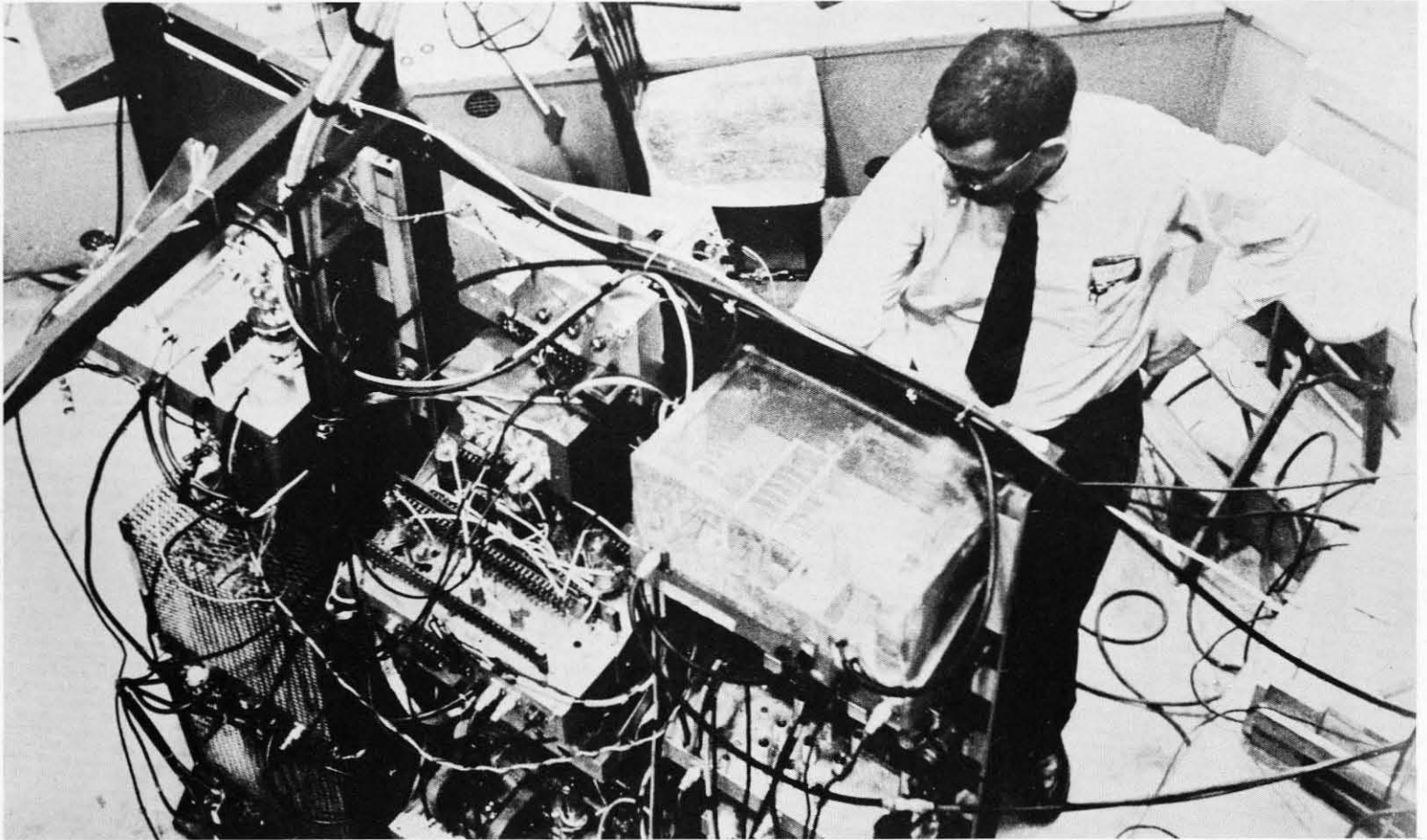


**LEE SCHMIDT**

Lee hails from the golden state of California as do many of this year's Tech graduates. Lee's prime interest is in computers, so he traveled down the road of Electrical Engineering. Consequently, he has taken membership in the I.R.E. and the A.I.E.E. while here at Tech. He is also president and prime member of the N.A.A.C.M. which for the benefit of the unenlightened is the National Association for the Advancement of Computing Machinery. While at Tech, Lee has managed to hold down an office: 124 Spalding. Not very narrow in his interests, Lee professes to have an athletic interest, namely miniature golf. Lee's future plans include the garnering of an M.S. in E.E. from Caltech and then do work on digital computers in industry.



# Electrical Engineering



**DONALD SESSLER**

Don is another one of the many married ex-Navy men now doing their studying at Tech. Although a married man, and working 20 hours per week to support his family, Don has managed to find time to become an active member of Throop Club and the I.R.E. Finding volleyball to his liking, Don was a mainstay of the Throop volleyball team since he has been here. And who in Throop Club will not remember the Eiffel Tower from their Interhouse this year? Certainly not Don, since he managed to do a large share of the carpentry on the "Tower." Don's plans for the future are somewhat undecided. If possible, he would like to go to grad school at Tech and continue his interests in E.E.



**JOSEPH N. SMITH, JR.**  
Throop

This Navy veteran transferred to Tech his junior year from Orange Coast College. While here he has been an active member of Throop Club and IRE. Most of his time, however, has been spent in raising a family which consists of his wife and two children, 2 and 4 years old. Joe, who hails from San Clemente, intends to return to Tech next year as a grad student.



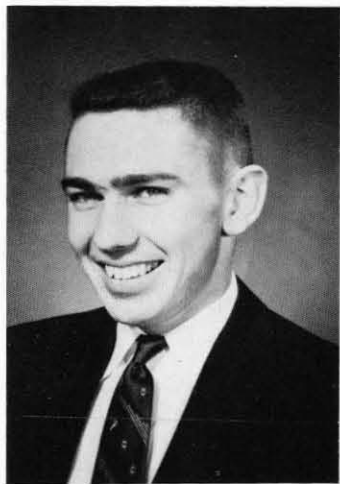
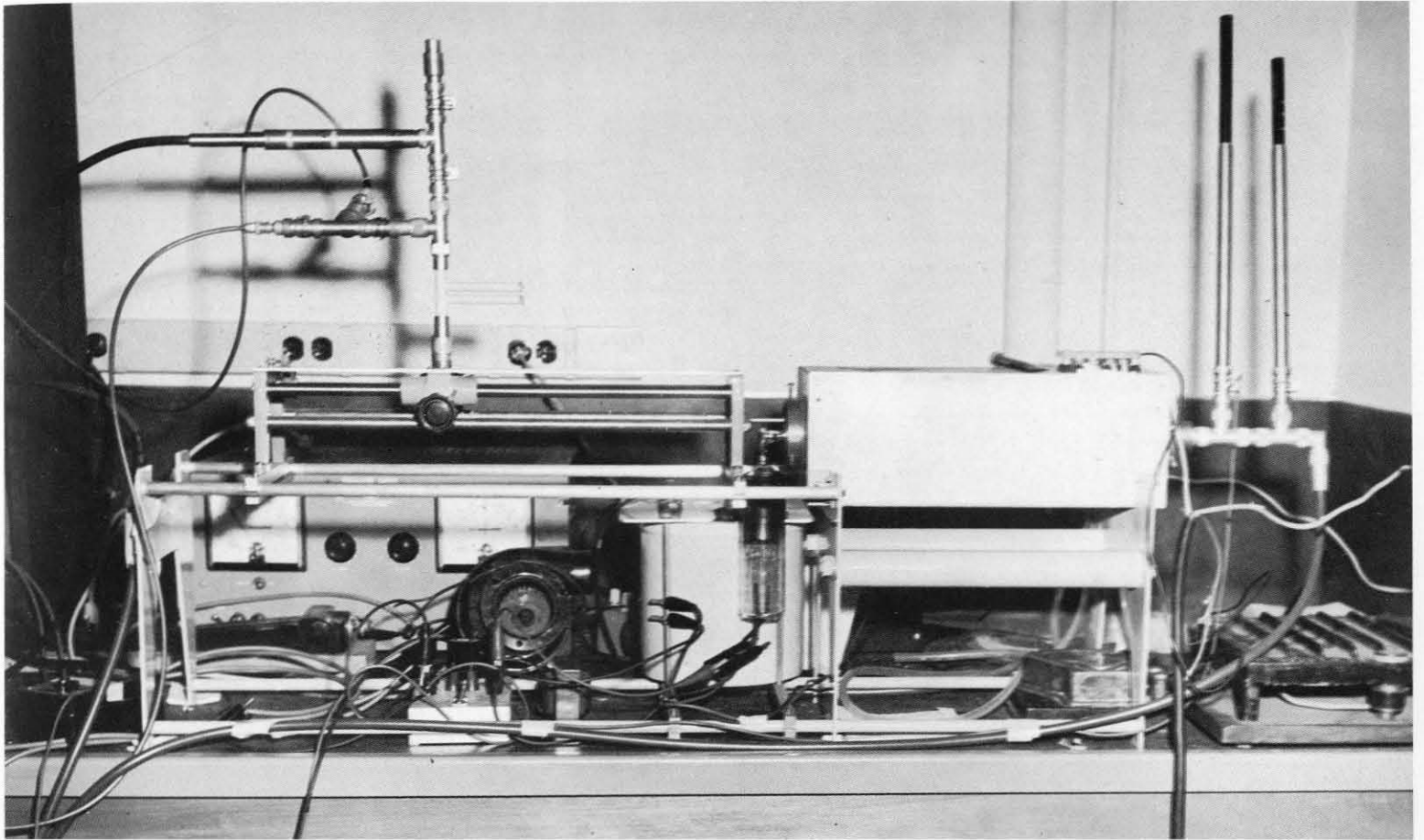
**PETE SMITH**  
Dabney

A local lad, Pete came to Tech to learn E.E. and build gadgets. To this end he built his own hi-fi system, including the turntable, as well as a "cup-eating hippopotamus" to enhance Dabney's "Toyland" Interhouse Dance. Being an active member of the I.R.E. and an officer of Student Shop didn't deter Pete from playing interhouse football and going out for varsity his senior year. His future plans include at least a year of grad school and getting married before going to work for a living.



**L. EUGENE STANLEY**  
Fleming - T3

This happy fellow came to Tech after putting in his time with the armed forces. While not particularly enamored with Southern California, Gene calls Wichita, Kansas, home. Gene has distinguished himself at Caltech as an athlete in both football and track. His abilities as a fast, "glue-fingered" end have proved invaluable to three Tech football teams. Now married, Gene looks toward a future in the lucrative field of sales engineering.



**ROBERT TOKHEIM**  
Fleming - T3, TBII

Undaunted by existence as an off campus student with a family home in Whittier, Bob has succeeded in infiltrating into several important activities during his years at Tech and even rising to positions of power. Secretary, then President of the Christian Science organization, technical director of the Amateur Radio Club and ham to boot, Bob is also a member of Tau Beta Pi, I.R.E, and the tennis team. Indeed, Bob even served as captain of the frosh tennis team in his younger years. Graduate work in E.E. at Caltech seems to be his hope for the future.



**JAMES WEAVER**  
Fleming - T3

Ever since he came to Tech from Pacific Grove, Calif., Jim has been a hard worker in the service of Caltech. That ruddy face and bleached hair came from years behind the mast of the Caltech Sailing Club, in which he served as Secretary-Treasurer and Commodore. A four-year soccer letterman, he also went out for frosh tennis. In his senior year, Jim was President of the YMCA. He was active in the Beavers, the IRE and student shop. No mere money engineer, Jim looks forward to graduate school, research and teaching.

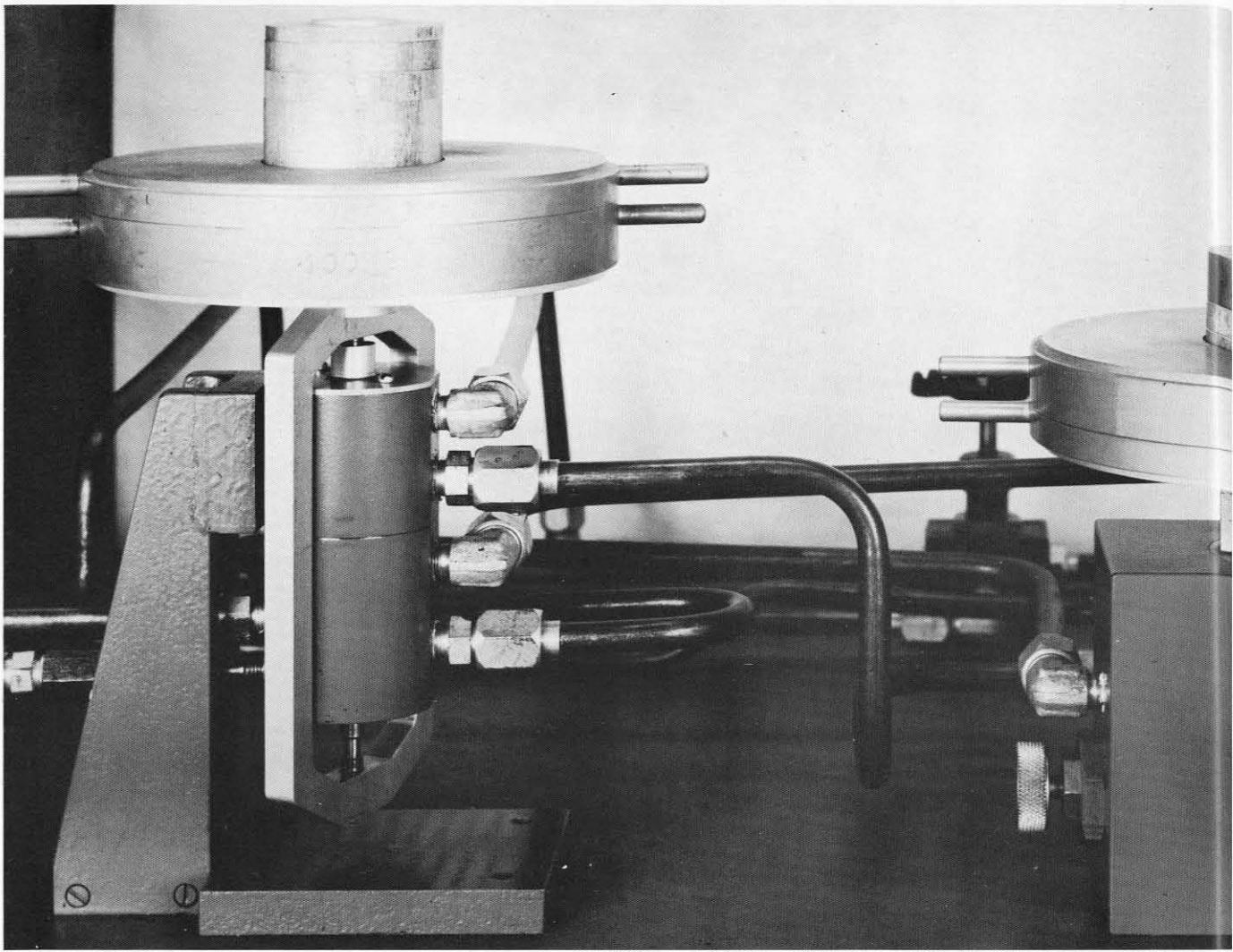


**BRUCE WILKINSON**  
Ricketts

After his arrival from Coos Bay, Oregon, Bruce settled down in Ricketts House to learn about the wanderers of science. When the rigors of house life proved too much to bear, Bruce moved off-campus so he could devote all his time to his main interest, hi-fi. Bruce plans to return to grad school next year and eventually go to work for a living.

**DAVID WALLIS**

Dave is another Glendale boy who came to Tech to conquer the electronics field. This cause has been his complete focus of interest while at CIT, and we hope that this hasn't been wasted effort. Dave has also taken the time to become an outstanding member of the campus ROTC group and looks forward to a brief career in the Air Force. With his time served, who knows what the future may bring?



# Mechanical

**LAWRENCE BERRY**  
Dabney - T3

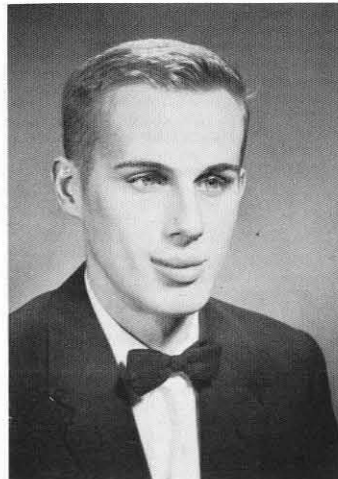
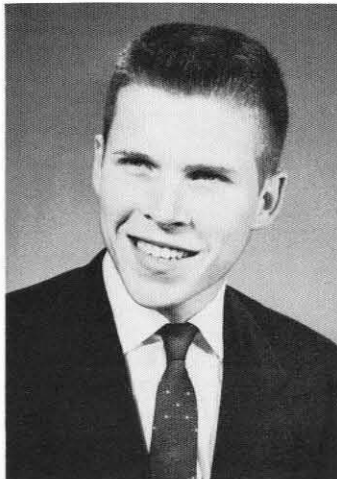
Coming from Berkeley, California, four years ago, Larry holds the distinction of being the man in Dabney who has visited the showers against his will the least number of times. Filling in his weekends with frequent hiking trips to the San Gabriel Mountains in order to do a little photography, Larry also has been a member of ASME, and, in the capacity in which most of us know him, he has been a mainstay of the Varsity football line for the past three years, this year copping the position of all-conference tackle. Larry's future plans include a five year stint with the Air Force subsequent to a position in industry as an ME.

**GLENN CONVERSE**  
Fleming - T5

Ordinarily Glenn Converse is disguised as a mild mannered engineering student. However, at certain times he steps into the nearest locker room and emerges as SUPER GLENN: Faster than a speeding bullet, more powerful than a locomotive, able to leap tall volleyball nets at a single bound, Glenn has been captain of the basketball and soccer teams, ASCIT Athletic Maanger, Beaver, and member of the SAE and YMCA. Next year Glenn plans to take graduate work at Tech and for the past term he has been muttering incoherently something about "Cindy," "marriage," and "June."

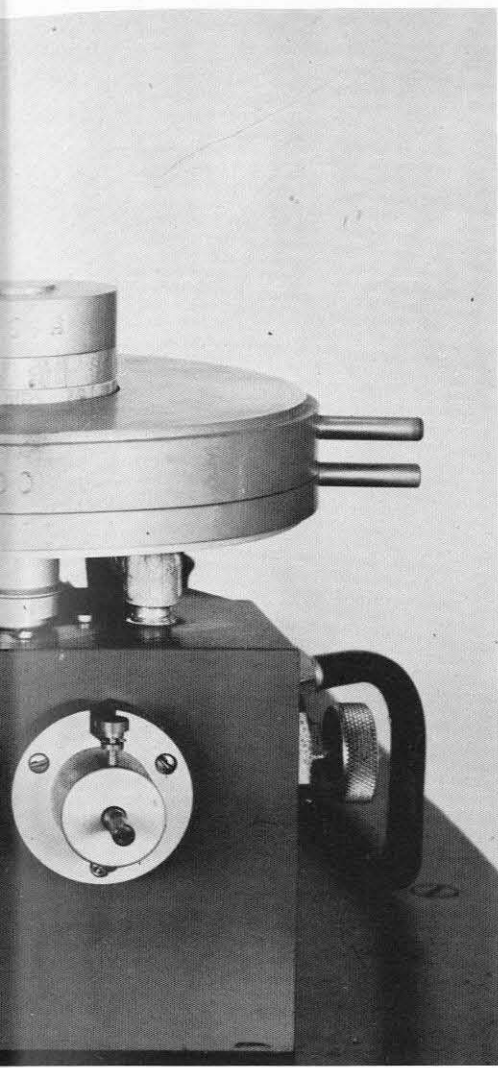
**RICHARD T. COWLEY**  
Blacker - TBII

Steadfast Dick grew years younger from four years exposure to hectic Caltech life and the M.E. option. Tigard, Oregon's, hometown attraction was strong. But Southern California won when R. T. signed up for a lifetime of service to jet propulsion beginning with a Ph.D. at Tech. Dick had honor standing every year from the Institute and the unofficial designation of "oracle" from his admiring buddies —when they were able to catch him between mountain climbing and Alpine Club expeditions. SAE and the Caltech Engineering Department also claimed the services of the likable fellow.



**JOHN D. EBERHARDT**  
Ricketts

Jack is from San Diego, California, and he finds most of his time consumed by Peggy, sports cars, hi-fi, swimming, and golf. He plans to marry (Peggy, that is) and tote squaw, sports car, and hi-fi to Berkeley for a session in graduate school while the Mrs. teaches school.



# Engineering

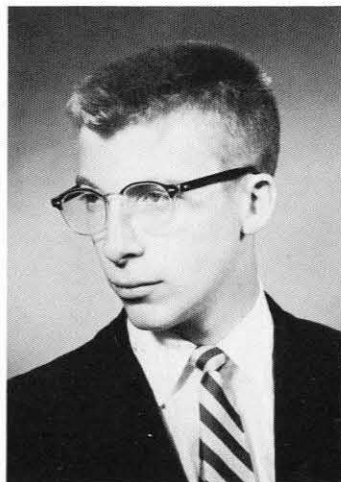
**GEORGE ENGELKE**  
Throop

Another junior transfer from Oxy on the 3-2 plan, George calls Hollywood his hometown. During these last two years at CIT he has become a member of ASME and Throop Club where he has participated in such interhouse sports as track, swimming, and volleyball. His outside interests include horses, skin diving, and photography. As for the future, George plans to return to Tech for one year of grad school and then to go into industry.



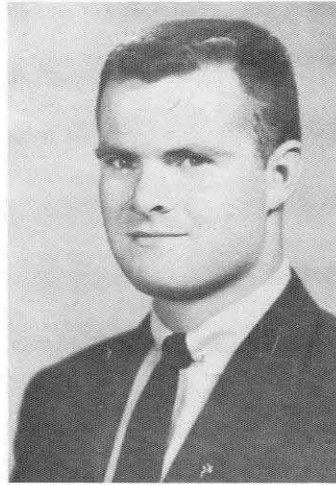
**DICK FIDDLER**  
Fleming - TBII T1

Coming to us from Kirkland, Wash., Dick Fiddler is truly an example of the well-rounded Tech man. Excelling in his studies, Dick is also a sports car fan (he owns a '51 Ford), a folk song enthusiast (he owns a guitar which he can't play), and an avid reader of the classics (he once got an A in English). Dick is treasurer of Tau Beta Pi, Chairman of SAE, head swimming manager, water polo player, and assistant busboy in the greasy. Next year, Dick plans to go to England on a Marshall scholarship; as the travel allowance is skimpy, he is planning to work his way over on the next cattle boat leaving for Liverpool.



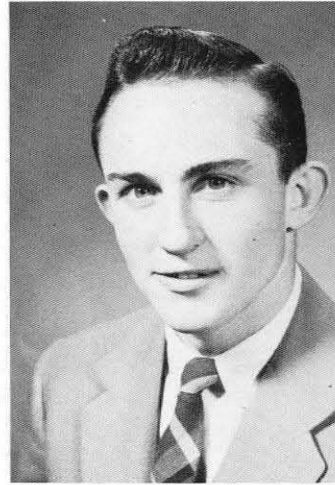
**CRAIG ELLIOT**  
Ricketts - Honor Key (2)

Coming to Tech from Torrington, Wyoming, Craig has managed to blow up quite a storm in his years at Tech. He has been majoring in M.E. and Pat. He took his work seriously enough such that he will be getting his B.S. in M.E. and also has married Pat. Their first child was born in early February. Craig's activities have centered mostly around campus politics and the ROTC. In the former, Craig has been elected Frosh Class Vesp, Soph Class member of the BOC, ASCIT Publicity Manager, and in a final culmination, achieved the heights of Student Body President. While in the ROTC, Craig was Drill Team Commander for three years and a Cadet Commander his senior year. His athletic interests include participation in baseball and soccer. Plans for the future? Many children, much money!



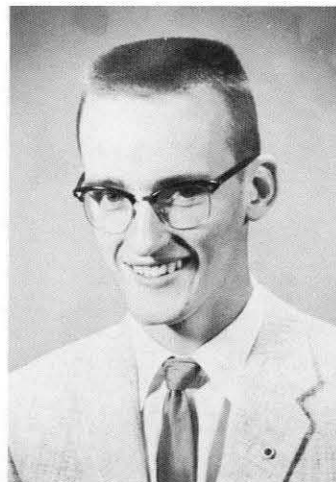
**BOB EMMERLING**  
Throop - T1

Bob, a local product from Highland Park, came to Tech via Oxy on the 3-2 plan. His achievements here at CIT include the school record in the mile run, first string on the basketball team, member of ASME and the Beavers. Bob has also been a tremendous asset to Throop's interhouse softball team, being its star pitcher for the last two years. His plans at present are for going to work upon graduation and probably returning to grad school in a few years.



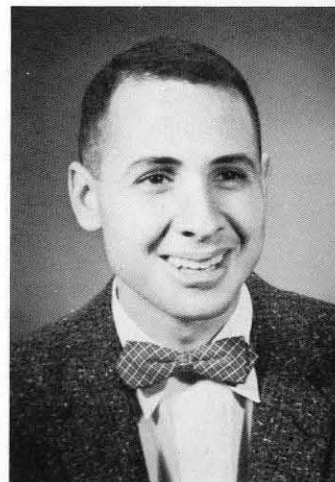
**AL FORSYTHE**  
Dabney

From Bozeman, Montana, Al has maintained his high average in ME while engaging in a fantastic range of activities. He has helped run the Student Shop and ASCIT Band; been a UCC, Glee Club member, drunk Crew in 1.4 seconds, and has been in Uncle Sam's National Guard for 7 years. Combining his military and craftsmanship acumen, he was designer and builder of Dabney House's high pressure Balloon cannon. His future plans include a year of grad school at Tech or at MIT, and then turning his knowledge into money working for industry.



**GORDON E. GLATTENBERG**  
Blacker

A staunch ASME man, Gordon calls Los Angeles home. Here at Tech he continually confounded his instructors by getting the right answers via very devious routes. Spare time for Gordon was spent mostly in popping popcorn, playing tennis, and photographing locomotives. After graduation he plans a career as a mechanical engineer in industry. Then again, there's always the possibility of a service career with the U. S. Army.





**THOMAS GUNCKEL, II**  
Fleming - TBII

Tom Gunckel was always a problem child. He was born in Troy, Ohio, but his family was forced to follow him to California when he came to Tech, and have plopped in Pomona. Tom's biggest problem at Tech has been women; they fall all over him. Everyone who has met him is sure that it was only his good looks that got Tom into Tau Beta Pi and Pi Kappa Delta. Gunckel has done a few things on his own though, such as bridge, sailing, interhouse sports, and by stuffing the ballot boxes, Senior Class Vice-President. Although Tom has been in the notoriously easy ME option, he nevertheless has hopes of bringing his grades up high enough to get into Stanford as an EE. We can only hope that Tom will get over his shyness in the future, and learn to defend his opinions.

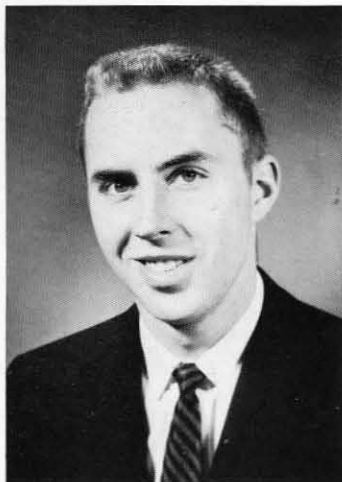


**LANCE HAYS**  
Throop - T3

Lance and his wife consider Burbank, California, their home. He has been an active member of Throop Club and the student chapter of ASME. During the last 4 years, Lance has been a mainstay on both the varsity and frosh football teams. His football career was culminated this year with his being awarded the Wheaton Trophy. Future plans include either grad school here at Tech or possibly going to work for some phase of the newly developed nuclear industry.



# Mechanical Engineering



**ANTHONY L. HOWELL**  
Dabney - T4

From Des Moines, Iowa, Tony came to Tech to live a full collegiate life. While here, he has been quite active in house social affairs and intercollegiate athletics, having gained varsity letters in soccer, football and baseball. While pursuing his avid craze for skiing and casual living, Tony plans to go to work and perhaps take some grad work in Business Administration after a year.



**ROBERT S. JOHNSTONE**  
Blacker

Bob, a happy trumpet player, left Albuquerque, New Mexico, to try to buck Caltech's vicious system. "Swinging Slater" really "dug" practically all the house activities at Blacker. Vice-President, UCC, tiger in all interhouse sports, interhouse sing director are a few of the positions which indicate that Bob was willing to help out in any small way he could. One of his loves is the study of people of whom he is a master analyst; he also seems to like music. But mechanical engineering comes first, and there is likely to be a niche in industry waiting for Bob when he graduates.



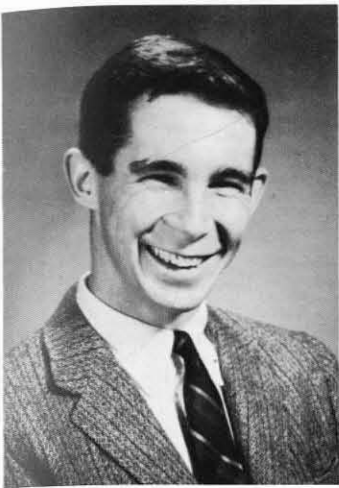
**RICHARD KIRK**  
Dabney - Honor Key (3)

Dick, whose Pipe has made him one of the outstanding personalities on campus, has his home in the northern town of Sacramento. He rose steadily in campus politics to the ASCIT Presidency, stopping on the way to pick up the positions of ASCIT Business Manager and Dabney House Treasurer. Other activities of this would-be Winston Churchill include work on the Big T, the California Tech, and Leaders of America. His future plans involve the study of big money capitalism at the Harvard Business School.



**WAYNE KREGAR**  
Dabney - T3

From Toledo in the Buckeye State, Wayne came to Tech thinking of being a chemist. Seeing the light midway in his sophomore year he became an ME. While here, he played frosh football and became a stalwart on the varsity golf team, once shooting a mighty impressive 73. His artistic talent was put to good use in many interhouse dances and campaign posters and also at the student shop. In the future Wayne plans to continue his interest in good music, and make some money in the engineering design game.



**LAWRENCE NELSON**  
Ricketts - T2

"Sonny" Nelson claims to be from Phoenix, Arizona, where they grow the biggest snakes, the tallest cactus, and the prettiest girls in the world. During his stay at Tech, ever-popular Sonny was twice elected to the Board of Control, and was elected senior class president. He was a member of the ASME, SAE, and a big gun on Tech's basketball team. His future plans are to "live as painlessly as possible," and most feel that he is quite capable and likely to do so.



**THEODORE OAKBERG**  
Fleming

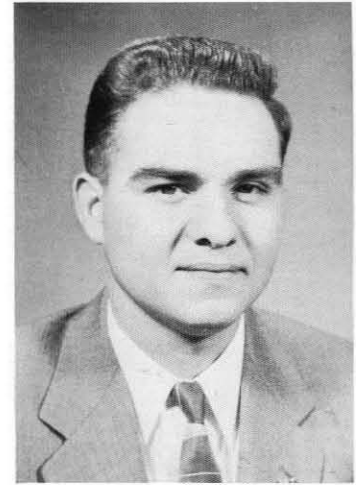
"T. C." arrived at Tech from McGill, Nevada, and evidently found enough beer to make getting a degree worth his time. Not wishing to appear one-sided, however, Ted broadened his viewpoints to include wine, women, and song, and met most of his success in song. Rising from librarian to secretary to president during his four years with the Glee Club, he was also secretary-treasurer of the ASME, a member of the SAE, a participant in frosh soccer and baseball, and an assistant manager for water polo and baseball. Though loath to leave the good life, Ted has decided to work for a while somewhere and then return sometime for further study in some field or other.

**CLARKE REES**  
Ricketts - T6, Honor Key  
Clarke came from Inglewood, California, to reinforce the Caltech water sports program. Although he bears little resemblance to a fish, he holds nearly every record there is to hold at Tech's pool and an impressive number of conference records. Always a hard worker, Clarke was on the athletic council, a member of the Beavers, frosh athletic manager, and ASCIT Treasurer. He is avidly interested in art, music, and philosophy, and his flair for pointing and decoration found him in heavy demand at Interhouse time. He plans to attend Harvard Business School or trudge right off into the outside world.



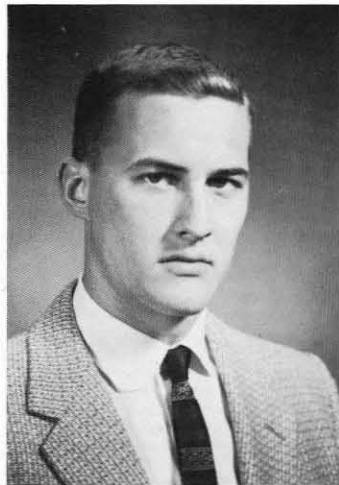
**WALTER SCHALL**  
Throop

Four years ago Walt traveled the tedious fifteen miles from La Crescenta to pursue a career in Mechanical Engineering. Walt has kept pace with his interest in military affairs by joining the ROTC and becoming an officer. If the Air Force doesn't get him first, Walt would very much like to go to graduate school and change his major to some extent by majoring in Nuclear Engineering. After completing grad school, Walt would then like to serve a tour of duty in the Air Force as a second lieutenant.



**EDWARD SHUSTER**  
Throop - T3

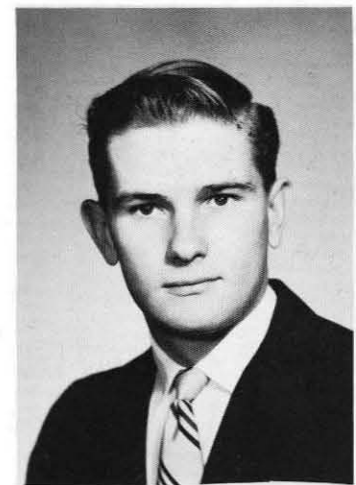
Ed is a home town boy coming to Tech after two years at Pasadena High. His main interest while here has been golf and doing as little work as possible. He has placed in the conference golf finals 2 out of 3 years and has been a strong factor on the team. He has also found time to be social chairman of Throop, chairman of ASME, and a member of Throop's championship softball and bowling teams. Future plans do not include grad school, but possibly some studies in business administration which he will probably need as he is planning on getting married in August.



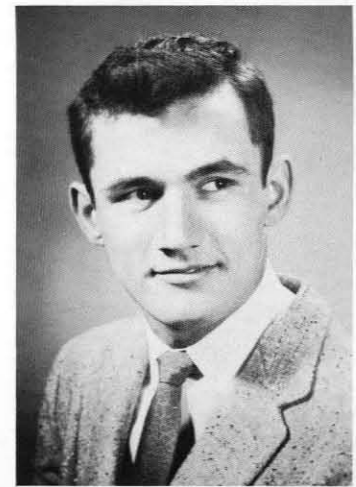
**ROBERT SMOAK**  
Fleming - T5

In general, people who are combination marine, Southerner, and booze hound tend to be large and obnoxious. As a matter of fact, Bob Smoak is no exception to this rule. Armed with these impressive attributes, Bob has met with considerable success in swimming and he will study the physical principles involved retary-Treasurer) and women (he's been engaged for three years). Next fall Bob will enter the Marine Corps as a lieutenant; the pay is low but he feels it offers more important things like easy work and cheap liquor. All in all, Bob has impressed most people at Tech as being a pretty neat guy — if only he wouldn't drag his knuckles when he walks.

**DON STOCKING**  
Dabney - T5  
This old railroader (brakeman for S.P.) moseyed down to Tech from Tracy, California. Besides being a UCC, Don has been a valuable contributor to Tech baseball and football teams, making All-Conference Halfback his soph year and leading Tech to its historic victory over Oxy his senior year. This likable guy's future might include grad school, but more probably he will help fill this country's urgent need for technically trained personnel, i.e., engineers.



**RICHARD VAN KIRK**  
Ricketts - T8, Honor Key  
One of the fellas from Phoenix, athletic Dick Van Kirk soon became one of the well-known figures on Tech's campus. Freshman classe vice-president, rally commissioner, Sports Editor of the California Tech, president of the Beavers, Dick barely found time to earn eight letters in football, basketball, and track. Dick's industrious but easy-going nature has made him successful in most every endeavor . . . and will probably continue to do so in the outside world.





# Aeronautical Engineering



**FRANK ALBINI**  
Ricketts - TBII

Although Frank was best known for his fantastically good grades and his ability to crank **any** problem through to the correct answer, he was also one of the last upholders of the "Crud Alley" tradition. While breezing to near-perfect grades in aeronautics, he still found time to be either a motorcycle "hood," an editor for FARRAGO or PENDULUM, or an outstanding vice-president of Ricketts House. Marriage with lovely Gina came in March of his senior year, and he planned for a year of graduate work in jet propulsion. Eventually he will study the physical principles involved in the fact that cigarettes always hit lit-end first when flipped between the thumb and forefinger.



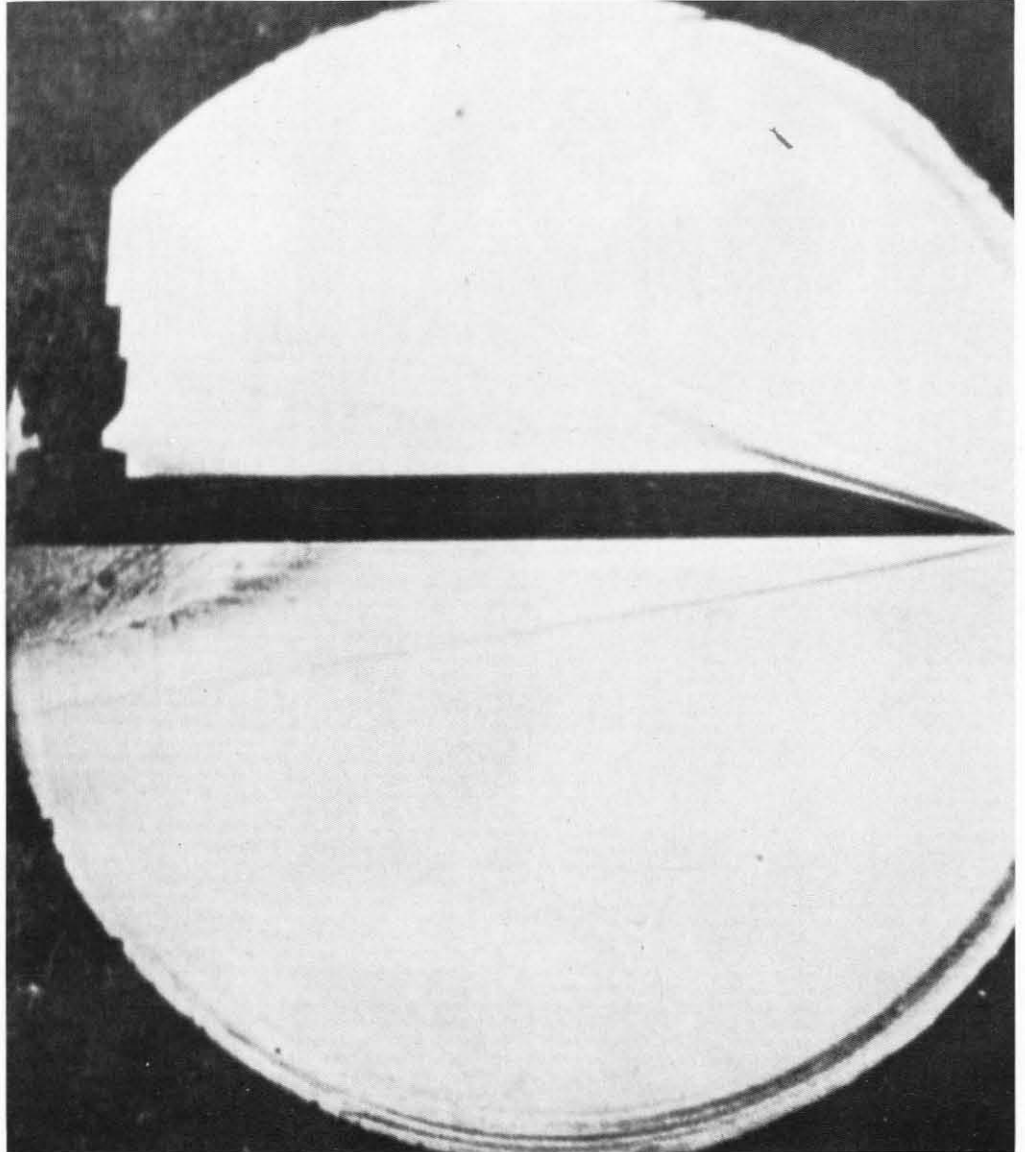
**FORREST CLEVELAND**  
Blacker - T2

Forrest came to Tech from Sacramento a few years back with the intent of majoring in mechanical engineering. As the years went by, Forrest decided to narrow his interests to the field of Aeronautics. He was a very active member of Blacker House until his sophomore year when he discovered a new and vital interest and subsequently married her. With his motto of "It's fun to run," Forrest has been a standout on the freshman and varsity track teams in both relays and the sprints. Forrest's plans for the future include raising a family and continuing his education.



**WILLIAM GRAY**  
Ricketts

Bill came from Long Beach, California, with an eye for women, a mind for bridge, and an avid interest in sports cars. He has been a member of the SAE since way back, and constant contact with the LB MG Club has only whetted his appetite for sports cars and women. His bridge has deteriorated. He plans to work his way through grad school come next fall.



**JOHN KLEIDERER**  
Dabney - Honor Key

Indianapolis is the home of this lanky, laconic Hoosier whose infectious laughter is known throughout the school. John, somehow, wandered west to Tech where he became interested in house affairs, culminating his career with the House presidency. This avid sportsman has been a mainstay of house swimming, volleyball, football and softball teams, which points out his interests in sports of all types. During his spare time, Kleid works at his other recreations, those of reading, women, and camping. A bright and we hope lucrative future awaits this likable guy in his chosen field.



**WOLFGANG KNAUSS**

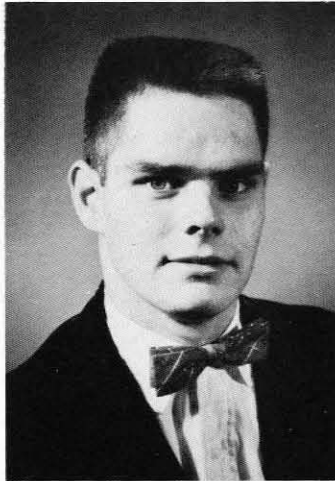
This likable Deutschlender from Heidelberg came to Tech to become an Aero like what's his name Von Braun. While knocking off respectable grades, he has been a member of the ASME and gone out for tennis, his first athletic love. His future plans are filled for the while by graduate work in aero here at the technical wonder of the West.



**MITCHELL SEIDMAN**

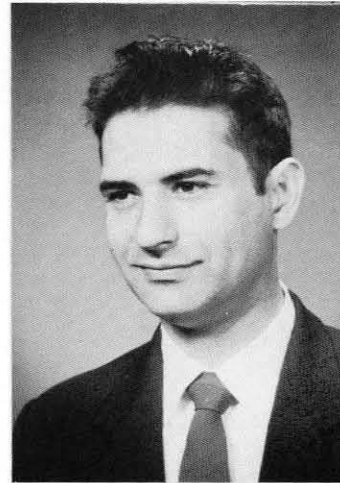
Hailing from Dodgertown, Mitch came to Tech to pursue his interests in Aeronautical Engineering. In keeping with his interests along the lines of engineering, Mitch has managed to join the I.A.S. and the S.A.E. Mitch hopes to go to grad school next year in his home town of New York City. If opportunities along this line do not look bright, Mitch will bare himself to the cold, cruel world of industry.

# Physical Metallurgy



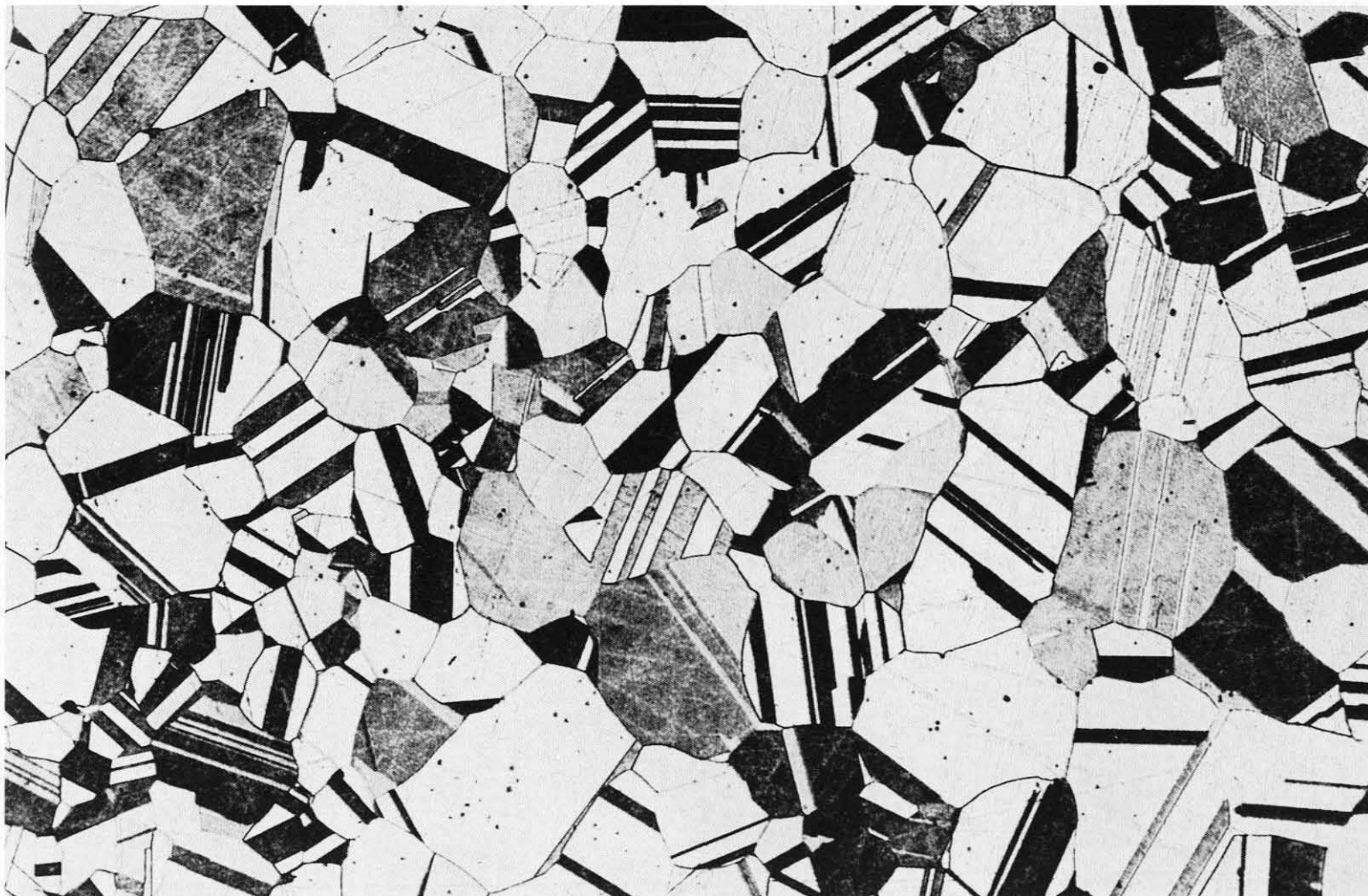
**MARTIN LEO CONNEALLY**  
Dabney - T2

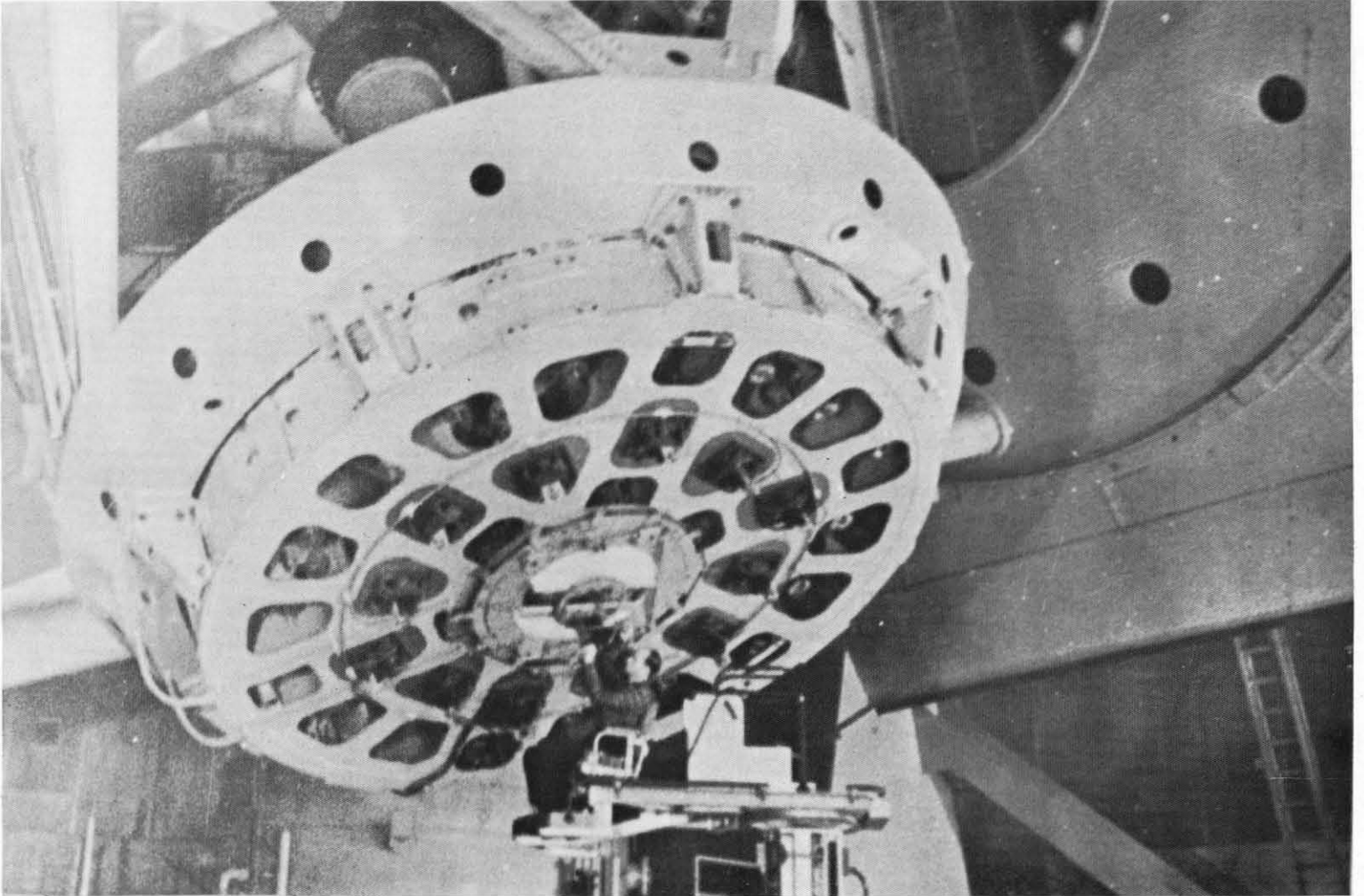
This Van Nuys product came to Tech to learn the lore of alloys and metals. While here, Marty has developed an interest in music and hi-fi, as well as the filthy capitalism involved in running a Pepsi concession. His other activities include work on several interhouse and extra-curricular gadgets, membership in the ASME, and managing varsity football for two years. After grad school, perhaps going for his doctorate, he plans to avoid Uncle Sam's call and heed that of industry.



**DALIP SAUND**

Dalip, or Doc as his friends call him, (but not on campus for obvious reasons), is one of the undergraduate metallurgists. His main activities while here at Tech were Student Shop and supporting his wife. Dalip's plans for the future are to major in social psychology at UCLA. It would be good to have a cool thinker in the social sciences; however, it is doubtful that he will find metallurgy very applicable.





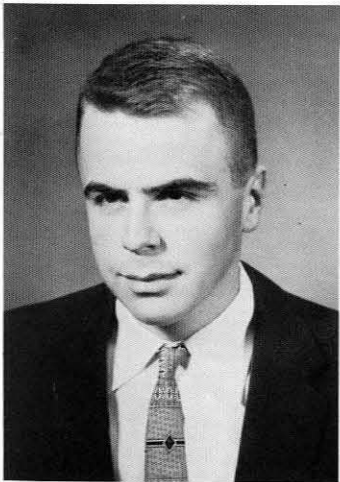
**LOREN LINSTROM**

A native of Los Angeles, Loren came to Tech to major in the underpopulated option of Astronomy. Loren came to Tech after having been on a paid vacation in Europe as a special guest of Uncle Sam and the U.S. Army. While in Europe, Loren managed to escape the clutches of the many female admirers of the soldiers and return back to America as a bachelor; a status which he still maintains. His future plans are not very well defined as yet, except to a point where as Loren puts it, "to stare off into space."

## *Astronomy*



## Biology

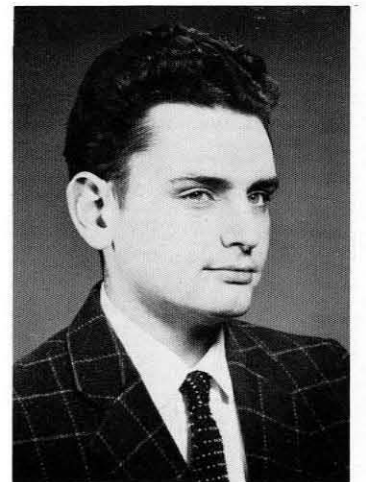
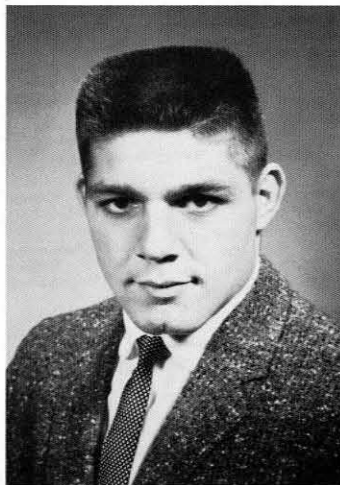


**LAURENCE G. JONES**  
Fleming

By strictly adhering to the rule that "silence is golden," Larry has managed to reserve himself a niche in Tech's Hall of Fame as the least outspoken man in the history of the Institute. Indeed, lapses of silence have been observed to last up to four years. Hailing from Riverside, California, he has been interested in music, travel, and outdoor life, has been a member of the geology club, and has swum on interhouse and freshman water polo teams. Undiscouraged by the appalling loquacity of college students in general, Larry has decided to continue his major by taking graduate work in marine biology at either the University of Washington or Scripps Institute of Oceanography.

**EDWARD KREHBIEL**  
Ricketts - T6

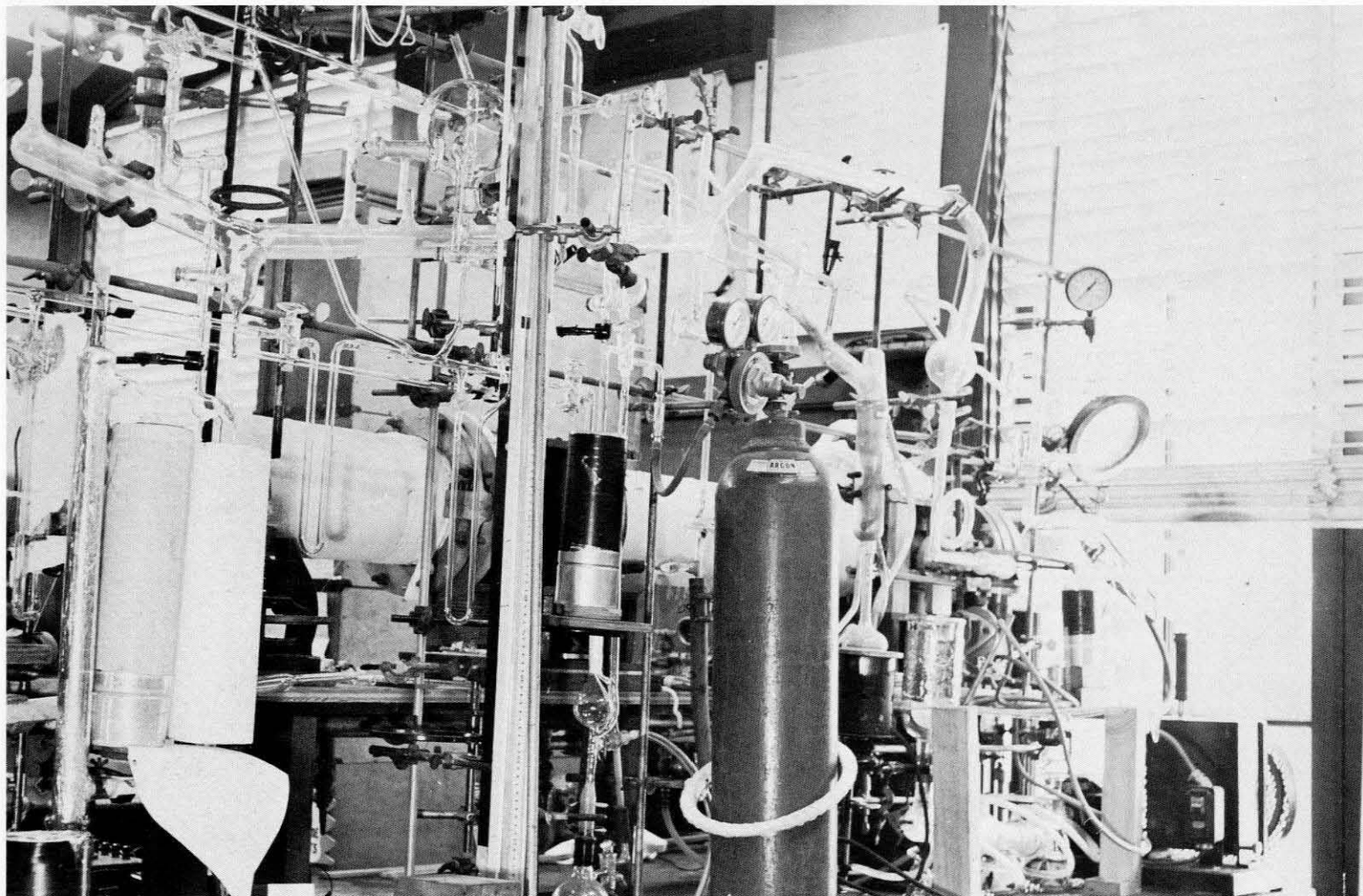
Big Ed came up from Long Beach, California, bringing with him a rugged physique and an interest in athletics. His outstanding performances in football, track, and soccer did not keep him out of other activities; he was a member of the Beavers, a Rally Commissioner, and Athletic Manager for the sophomore and junior classes. He earned All-Conference distinction in football in 1957, and drew inquiries from professional football teams, indeed a distinction for a Techman. Ed plans to go to medical school at Stanford next fall.



**DAVID LANGE**  
Dabney

Dave's one of the surviving members of his year's large Phoenix contingent. Since coming to Tech, he has maintained an interest in music through the Glee Club and the Pasadena Symphony, as well as developing an interest in house affairs, becoming a UCC and Dabney Vice-President. Dave's immediate plans include marriage right after graduation, grad studies at Yale Med school, and then work in medical research.

# Chemistry



**ROBERT L. BLAKELEY**  
Blacker

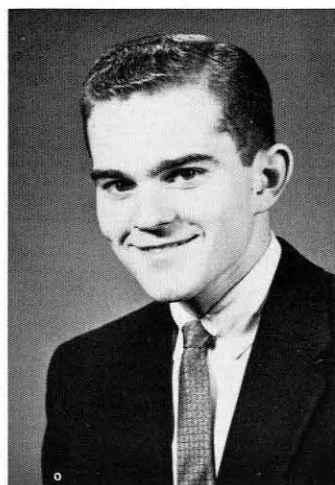
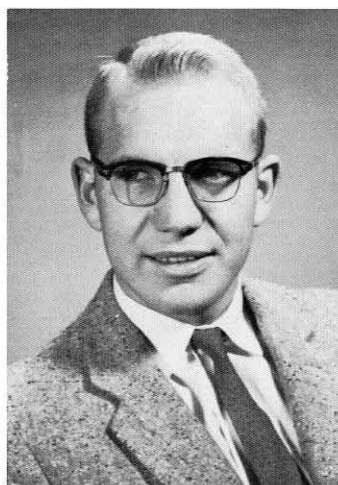
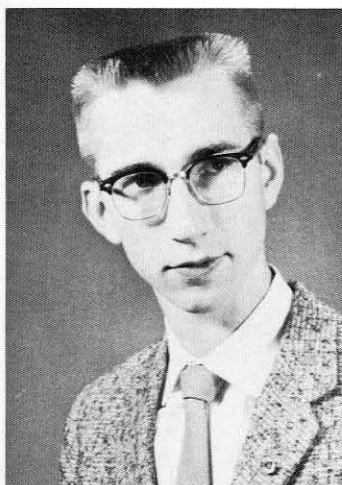
Not confining his musical interests to simply one field, glee club, Bob spends much of his time wringing intriguing sounds out of his guitar and attending concerts. He has been a consistent winner for Blacker in all sports, particularly in his specialty, cross-country. Also, in keeping with his future profession, Bob is a member of the various chemical organizations on campus. He plans to spend his next few years in grad school pursuing his bug, medicinal chemistry.

**EUGENE CORDES**  
Ricketts - Honor Key

Gene is from Grand Island, Nebraska, where he claims the most beautiful women in Creation reside — and he's got a wife to prove it. Gene's prowess is wide-spread, ranging from number one man on Ricketts' crew team to Pi Kappa Delta forensic honors; unfortunately his asthma kept him from extending a successful career in athletics his freshman year. He was elected Student Body Vice-President, topping off an active campus career. He plans to attend grad school, probably at the University of Chicago, in biochemistry.

**JAMES H. ESPENSON**  
Blacker

From warm, smoggy Pomona to warmer, smoggier Pasadena to cold Wisconsin—where at least the atmosphere is fresh and clear—so go the fortunes of Blacker's disciple of Inorganic Chemistry. Jim's devoted interest to his chosen field is manifested in his many experiments, such as his famous test for the combustibility of Student House rooms, and in his eagerness and ability to explain solubility products to the uninitiated. Professionally he was active in the Chemical Engineering Club and the ACS. Fine wines, science fiction, and the ballet were part of his cultural attainments at Tech. In the future the freshman at Wisconsin will benefit from Jim's teaching abilities while he works for a Ph.D.



**ROBERT DEVERILL**  
Dabney House

An old hand at Tech (he started in 1949 and has since put in four years in the Navy helping them improve electronics and missiles at White Sands), Bob has cooled courses in several options before settling on biochemistry as his major field of interest while maintaining his avid interest in math. His backlog of information gained from past years at Tech yield stories of carrying 108 units in his sophomore year and the like to say nothing of sidelights of his past office of Pope. Bob plans graduate work at Tech toward his Doctorate in Biochemistry, then perhaps research or teaching.

**DARRELL E. FLEISCHMAN**  
Blacker

An enthusiastic sophomore chemist from the state of Arizona, Darrell lost the battle with Uncle Sam and spent a stretch in a khaki uniform. Oddly enough he was stationed back on the deserts of his native state. Once again at Tech to finish his education, Darrell was active on the soccer field. After graduation, he plans to work in industry. It must be nice to be able to forget one's draftboard!



**PHIL HELMAN**  
Dabney

This quiet, easy-going lad came to Tech from Grand Junction, Colorado. While here, he has managed to maintain a good GPA in chem and also help enliven alley life sometimes to the despair of his UCC. Interested in sports he has participated in house inter-house teams, helped manage football as well as a year at JV soccer. In the future Phil plans graduate work and then perhaps research in something like chemical physics.



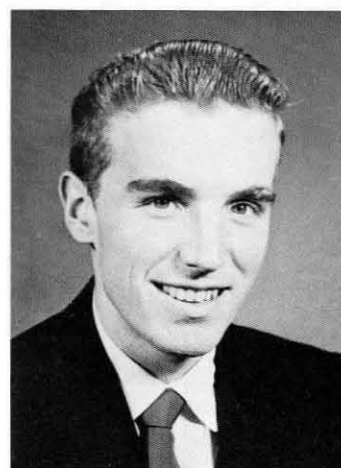
**DENNIS PETERS**  
Throop

Coming from far distant Eagle Rock, Dennis has made quite an impression here at Tech. He represented Caltech at the annual meeting of the Student Affiliates of the ACS, Southern California Region, and then went on to win the Don Baxter, Inc., award for undergraduate chemistry research for the year 1956-57. He hopes to attend Harvard Graduate School and major in analytical chemistry. Dennis will strive to attain a Ph.D. and then pursue full time academic work at a college or university.



**DANIEL WULFF**  
Ricketts - T4C

Runnin' Danny Wulff hails from Santa Barbara, California, and rumor has it that he ran all the way over here. Easy going but hard working, Danny was liked by everyone who met him. He was a strong component of Tech's distance-running track squad, with his plodding but relentless gait. Moving off campus to get away from student house food, Dan managed to stay in peak physical shape all the time, so bright-eyed and bushy-tailed. Danny will grab a diploma and probably go on to graduate school in chemistry.

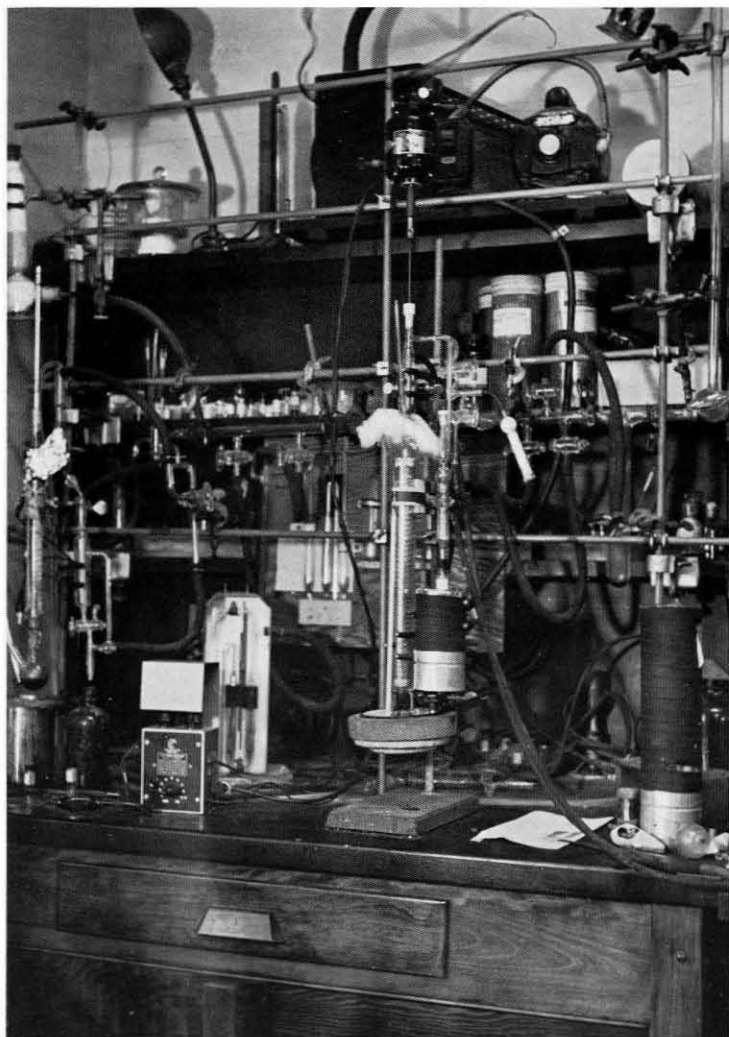


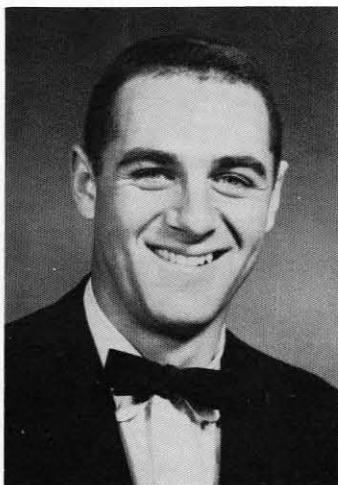
**HAROLD MORRIS**  
Throop - T2

An avid baseball fan and first stringer on Tech's team, Hal has athletically concentrated on this sport. On the other hand, he is an avid participant in the armchair sports, notably cards (name any game). He spends a lot of his time around Throop Club where he has coached the interhouse softball team to championships and firmly established himself as one of the best ping-pong players. He is another almost local boy coming from Rosemead. As to future plans, he is very undecided despite taking a two term leave of absence and wandering around in two or three options. He hasn't as yet settled to his own satisfaction every graduates service — grad study — job problem.

**MICHAEL RUSCH**  
Throop - T4

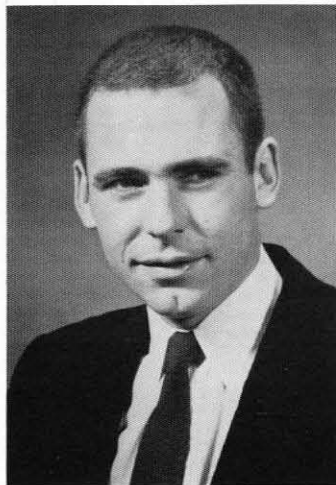
Mike hails from Glendale, California. He made the eastern trek to Tech four years ago in quest of a degree in chemistry. He has maintained his interests enough to acquire honor standing after his sophomore year. Mike's outside interests have centered around Throop Club where he held an office, and athletics. He has been a mainstay on the Frosh and varsity cross country and track teams having received letters in both. He has also been a sparkplug on Throop's inter-house cross country and tennis teams. Mike's immediate future plans will probably include grad school.





**DANIEL HOROWITZ**  
Blacker - T2

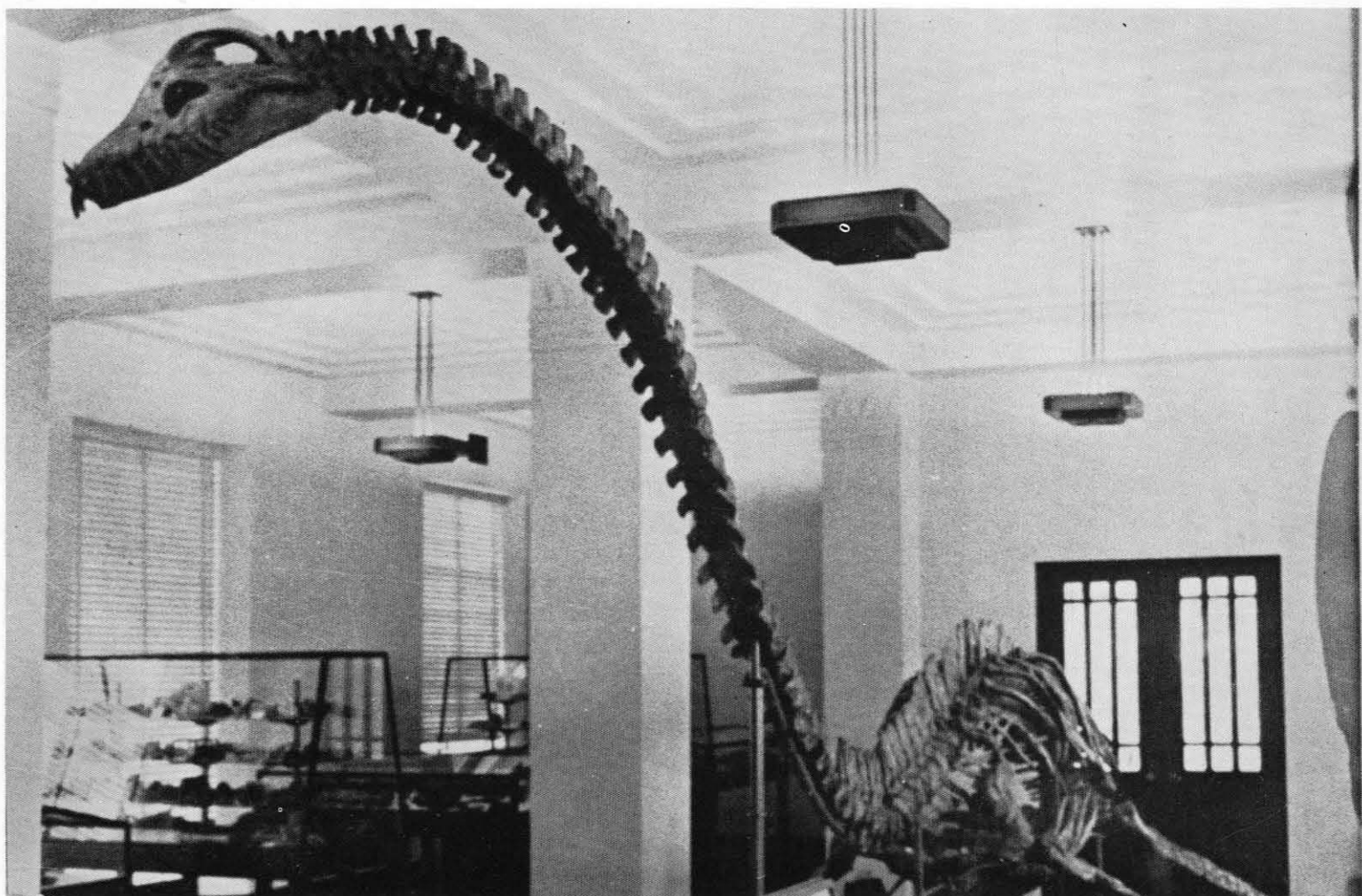
Coming to Tech from Atlantic City, New Jersey, Danny has been particularly active while here at Tech. Along the academic lines, Danny decided to be a geologist while a freshman, and has stuck to it since joining the option three years ago. To further his interest in rocks and all that, he has been an active member of the Geology Club. As a frosh, Danny was out for both football and track. In his Soph and Junior years, Danny stayed with his interests in track and was a mainstay on the team as a shot-putter. This year, however, Danny has forsaken the shot put for the greener pastures of married life. While a member of Blacker, Danny served the house as its Pope in 1956, leading the house on field trips to buy trinkets south of the border. For the future, Danny would like to attend grad school and specialize in Sedimentary Petrology.

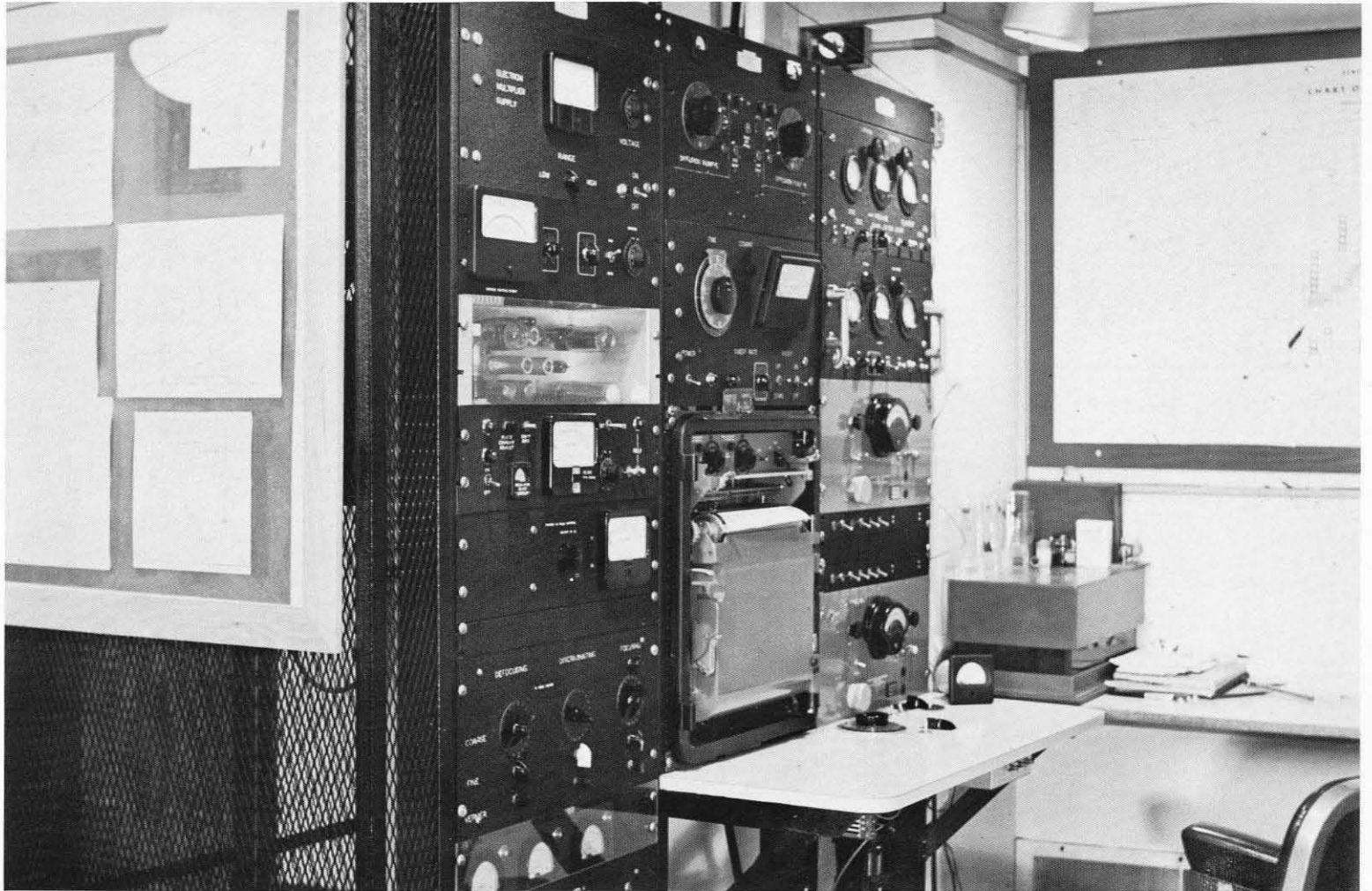


**GEORGE McCOY POOR**  
Fleming - T1

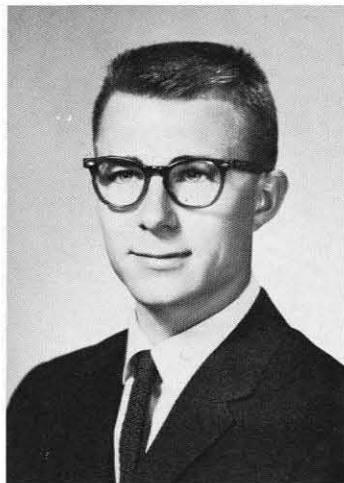
Leaving the prairie dogs and the dust bowl, Mac Poor came to the Institute from Oklahoma and learned a new word, geology. Making this, along with soccer his main ambition, Mac found a home in the stormy world of Fleming House. He was a familiar figure on Saturday nights when he came back from a day in the field covered with the dust of rocks from the Pliocene and Pre-Cambrian age. Despite his frequent excursions into the surrounding canyons, Mac found time to be athletic manager of Fleming. Also he lettered three years on the junior varsity soccer team, and in his last year played fullback on the championship varsity team. After graduation (we hope), Mac plans to continue his two vocations of rock-scratching and draft-dodging.

## *Geology*





## *Geophysics*

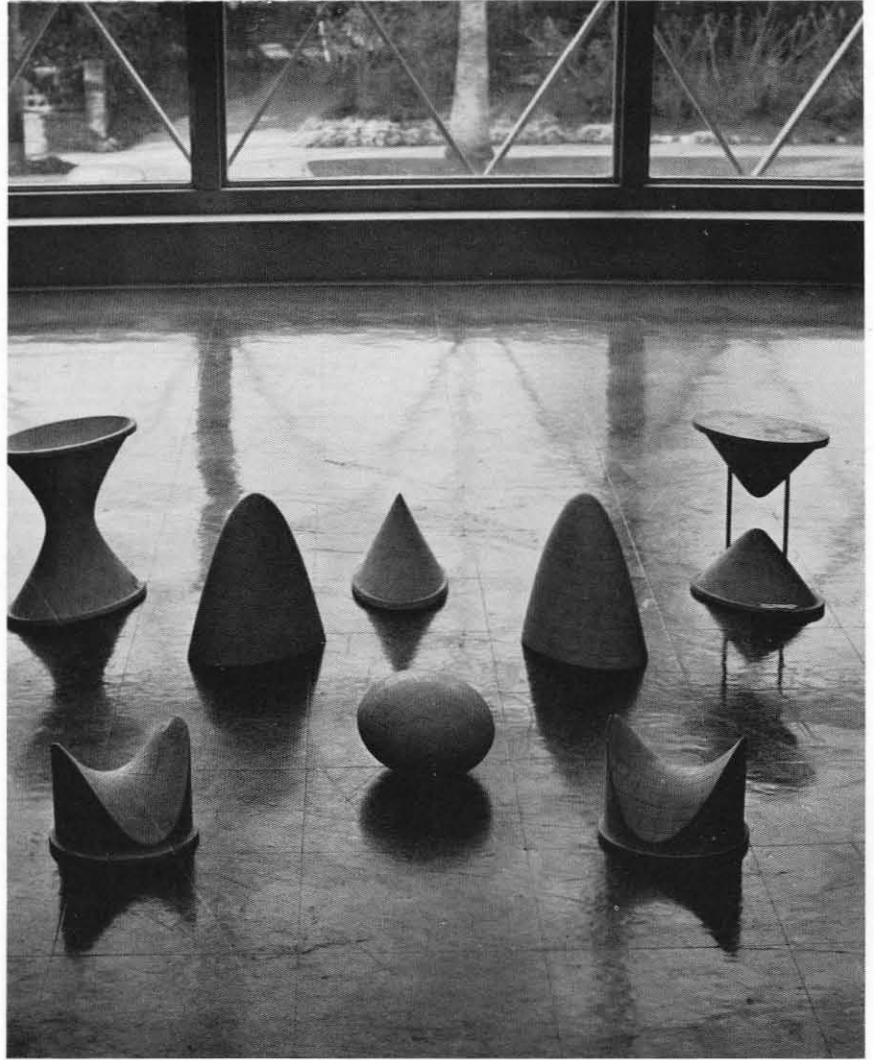


**HALLAN C. NOLTMIER**  
Blacker

The best Senior geophysicist in Blacker House, Hal has been an intense booster of house activities. One of his greater accomplishments was the transmogrification of Ricketts into a tilted sedimentary cliff for the Interhouse Dance. Geology wasn't his only love, though. Besides being manager of interhouse and varsity tennis teams, he cultivated the body beautiful as a member of the Karate Club. Hal plans to leave his native Whittier to do graduate work at King's College in merrie olde England.



# Mathematics



**GORDON BROWN**  
Fleming

One of the brighter mathematicians on campus, Gordy also displayed a considerable interest in athletics, and was a familiar figure on interhouse teams. He was a leading light in the Caltech Christian Fellowship, serving it as Secretary-Treasurer for one year and as president for two. Gordy comes from Ellensburg, Washington; he wants to go to graduate school, get his doctorate, and teach.

**NATHANIEL GROSSMAN**

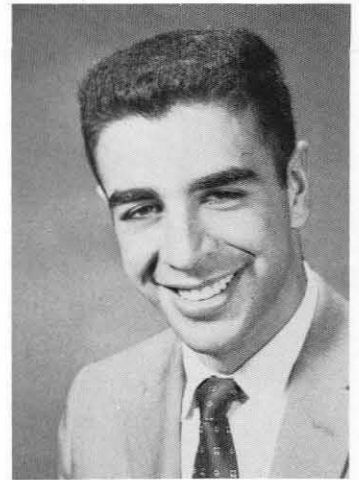
Fleming

Ever since he finished his Ma 1a final in half an hour, sly old Nick has been an avowed mathematician. A staunch defender of sophomore math, Nick is loved and respected for the firm yet just manner in which he grades Ma 108 homework. Besides maintaining his mediocre GPA, Nick has been Fleming treasurer, president of the Math Club, Game Room Chairman, and supervisor of Fleming House morals and mores. Next year Nick plans to go to grad school, where he'll put his long years of mathematical training to use by teaching college algebra and trigonometry.

**HOWARD STURGIS**

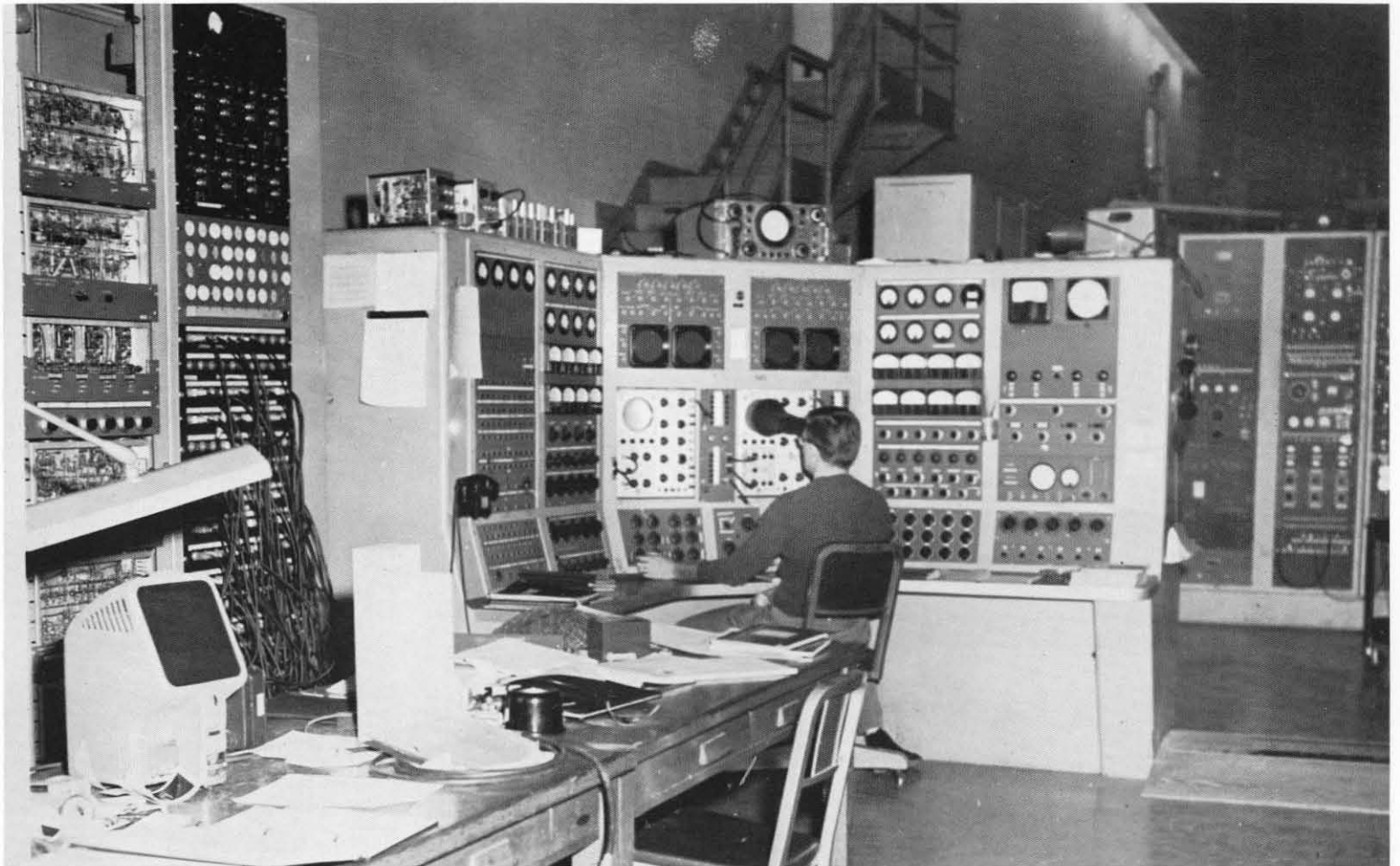
Off Campus

A married student, Howard Sturgis has lived off campus all of his four years at Caltech. Although he took little part in school activities, Howard has been one of the intellectual leaders of his class.



**CHARLES J. STONE**  
Blacker - TBII, TI

Another North Hollywood contribution to the class of '58, this intrepid scientist is beyond doubt the Ricardo of his generation. A spark-plug of the math department, Chuck hasn't let high honor academic standing dent his social or athletic life. His knack for statistics came in handy in baseball where he lettered once on the varsity. Blacker didn't overlook his physical skills either; Chuck was a mainstay on the house volleyball and football teams. Next year he'll be doing graduate work in statistics and economics at a school that will, no doubt, soon be famous in these fields.



## Physics

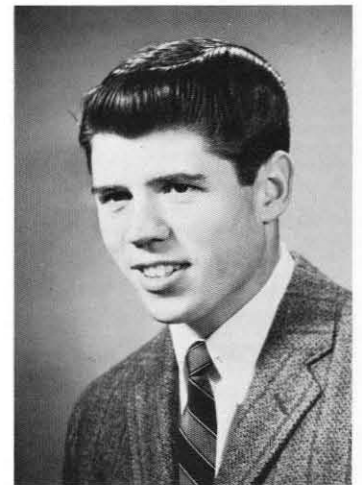


**DAVID ACKLEY**  
Ricketts

Dave hails from the port of San Diego, California, where he picked up his taste for sailing. Where he got the bug for skiing is open to debate, but probably the proximity of the mountains and the distance from the beach got to him. His competence and interest in electronics made him in heavy demand when anything went up or went wrong electrically in the house . . . and eventually led him astray from the physics option. He plans grad school in EE, probably here at Tech.

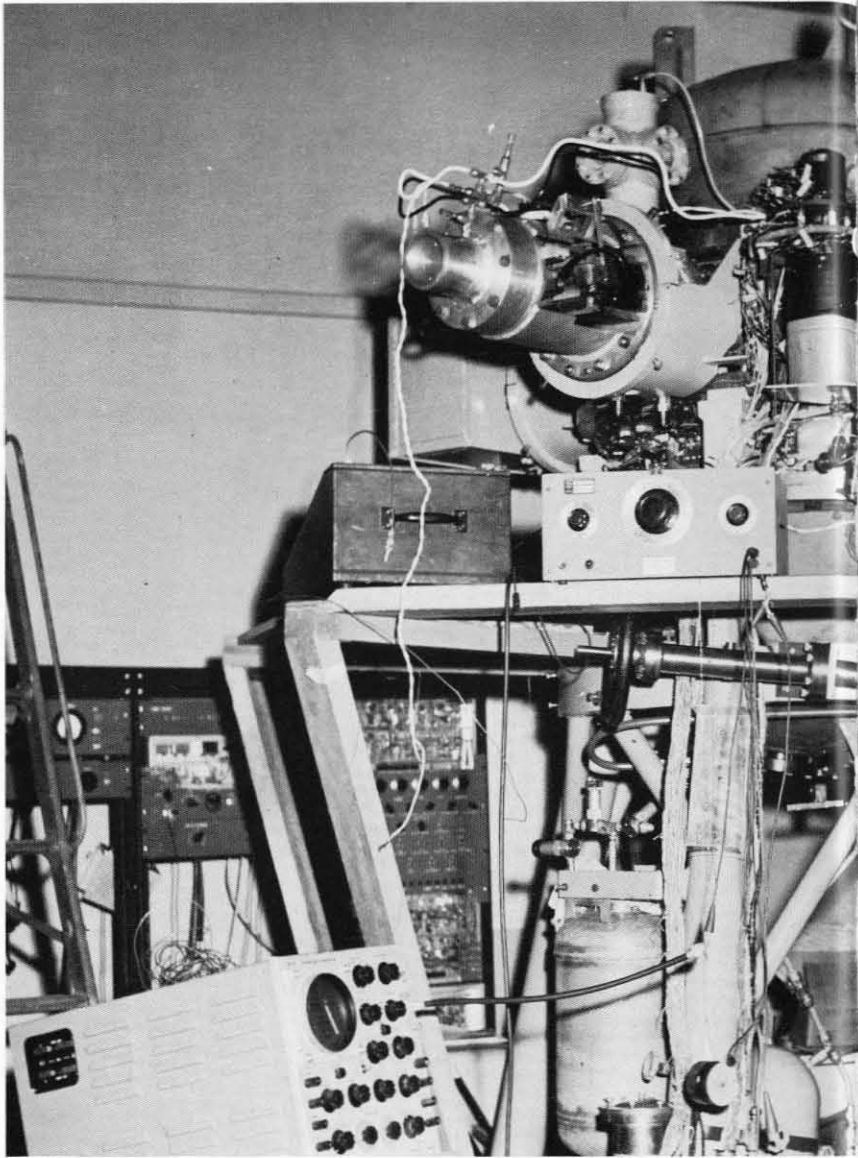
**GORDON BARIENBROCK**  
Ricketts - T2 (1)

Gordy Barienbrock came from Santa Monica, California, in a battered old '41 Oldsmobile with a leaky top and left with a '54 Mercury. And if there's one word that describes Gordy, it's happy. He's even happy being a straight man. He lettered twice, in football and track; although he looks as graceful as a newborn giraffe on the athletic field, he is amazingly coordinated, his chief interests being athletics and outdoor sports. He was senior class athletic manager and vice commodore of the Sailing Club. He plans nothing in particular except perhaps rowing around the Cape of Good Hope in a tub.



**DAVID BYLES**  
Ricketts

Four years ago Dave slouched into Caltech with a cigarette dangling from his lips. Despite the weed and the slouch he towered a good six inches above the norm. He combined top grades and a philosophical bent with a thorough enjoyment of life. But at the end of his second year he forsook the confusion of campus life for marriage with the vivacious Alayne, and although he continued as a top student and seemed even more pleased with life, his old cronies frequently missed his companionable depravity.



**GEORGE CANOVA**

George's primary extra - curricular activity since coming to Tech has been one of production. Production of three children aged four, two, and the most recent coming last December. To complement his family life and full work load as a physicist, George has been working full-time at various places in industry these past four years. Having come to Tech after four years in the Navy, he did manage to find time to become an active member in the I.R.E. George's plans for the future center around his ever-growing family and an M.S. in E.E. from Caltech.



**BERKEN CHANG**  
Dabney - TBII

This pleasant, soft-spoken physicist came to Tech from the dusty wilds of State College, New Mexico, to learn how to create order out of chaos. One of the few scholars of the class, he nonetheless found time to be active in the Caltech Y and in soccer. His many future plans include grad school, perhaps at Tech, and research.



**NORMAN T. ELLETT**  
Dabney - T3

A physicist from River Forrest, Illinois, Norm returned to Tech after a few years layover in the Army to become Dabney House Social Chairman. During his first stretch at Tech, Norm was very active in sports, winning two varsity letters in swimming and one in water polo. Besides having been a Dabney House Librarian, Norm is also an exponent of "Fourth" and bridges the gap in his spare time with reading, hi-fi, and women. His future plans are centered around a certain gal and work.



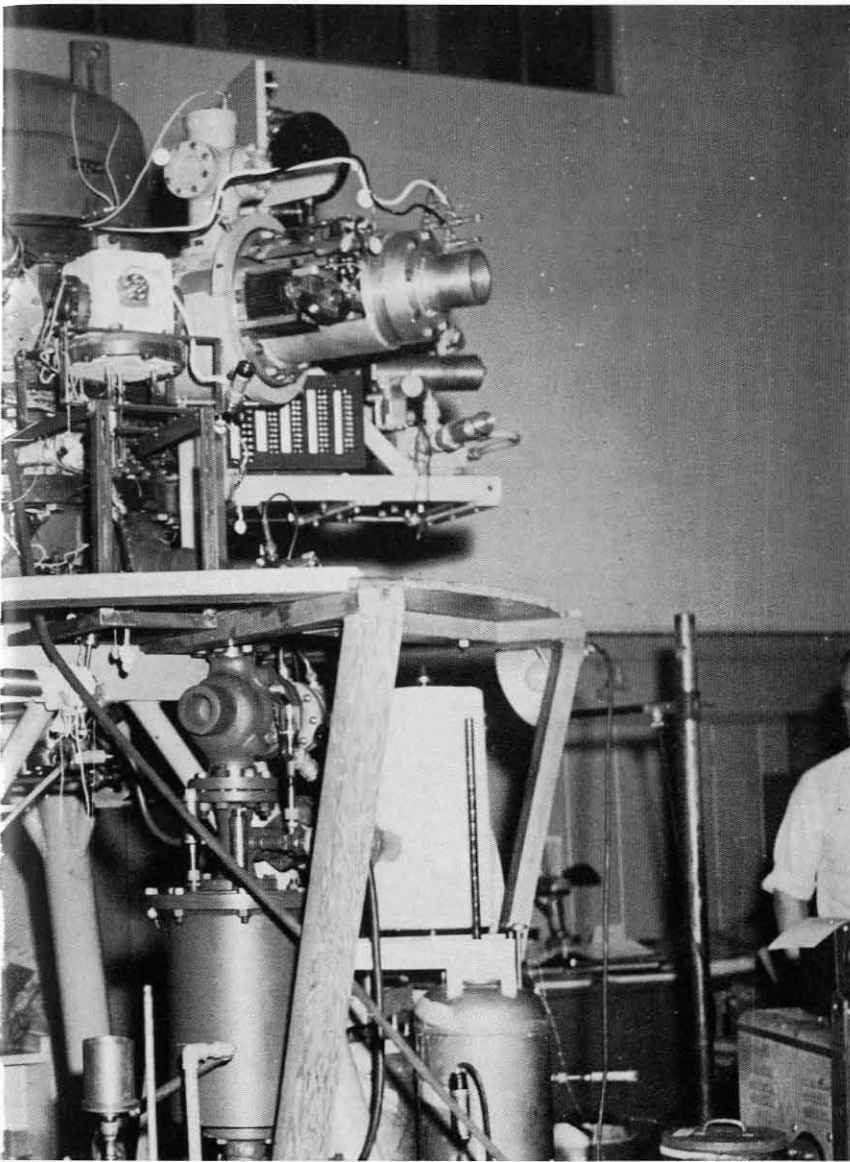
**BARRY FEINBERG**  
Blacker

A cheerful lad with a military bent, Barry is Plainfield, New Jersey's, contribution to the class of '58. A physicist on paper, Barry nevertheless picked up an engineering outlook somewhere; he's planning on an M.S. in Engineering Science. The R.O. utilized his abilities to the utmost, and he was a highly successful drill squadron commander. The glee club also came in for four years use of his talent. A certain young lady, the Air Force, grad school, and industry will, no doubt, keep him amused in the future.



**JOE FINEMAN**  
Fleming - BTII

Coming to us from the tiny town of Shaftsbury, Vermont, Joe's super-methodical way have won him the offices of Sec. Treas., the President of the Radio Club, Secretary of the Interhouse Committee, and a three year reign as perpetual Secretary of Fleming House. His dull minutes are spiced with quotations of philosophy in any one of a half dozen languages. Also a member of the Caltech Glee Club and the Y, Joe has somehow found enough time between philosophy sessions to make Tau Beta Pi and honor standing in the Physics department. The future holds grad school, research, Professor of Physics, Fullbright — who knows? But whatever happens, Joe's thesis will undoubtedly have an introductory quotation in Greek.



**ROBERT FULLER**  
 By way of Pasadena City College came this local Pasadena boy to these hallowed halls of fame where he has earned undying fame by establishing the "Flying Saucer Watchers Association." The saucer watchers do indeed owe Mr. Fuller and associates a tremendous debt for the spectacular visits from outer space which they have witnessed during their last two annual conventions. In addition to his duties for the association, Bob has also built an enviable mobile ham rig. After graduating, Bob intends to extend the efforts of the association.

**JERROLD FRIED**  
 Blacker  
 One of '58's friendlier spirits, Jerry has a smile as sunny as his home town, Phoenix, Arizona. You may have seen him around Bridge at certain odd hours, such as weekday mornings; but that's all over, because he's now going to do graduate work in electrical engineering. Always active, he has participated in practically all interhouse sports, although tennis is his special favorite. In addition he's been a member of the Y and the IRE and is an amateur shutterbug. If the grad schools at Berkeley or Stanford don't lure him away, we may see him back here next year.



# Physics



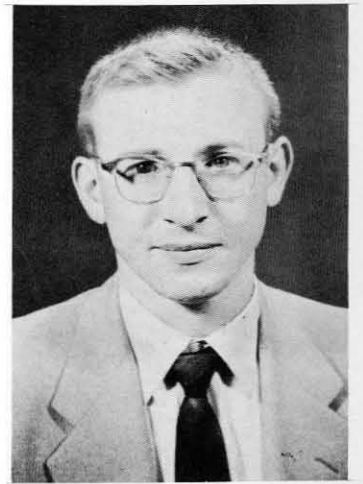
**STUART GOFF**  
 Blacker - Honor Key  
 Stu left North Hollywood for the Blacker "living element." In no time at all he was making himself useful. Six interhouse sports, social chairmanship, and the U.C.C.'s job must begin to describe Stu's activities. He helped out with the Leaders of America Program, wrote for Totem, and, lest he seem inadequate, well rounded, has found time for his lady-friend, his bridge game, and his plans for switching from physics to EE for grad school next year.



**DAVID GROCE**  
 Ricketts  
 Shutterbug and hi-fi addict, Big Dave came from La Mesa, California, to provide the Big T and California Tech with photo material. Dave spent his activities time at IRE, Geology Club, and Darkroom Club meetings, and playing UCC . . . the rest of his time was divided between studies and screwing Holtzman "to various and sundry walls." He plans graduate work at UC in Berkeley, shooting for a Ph.D. and eventually industrial research work.



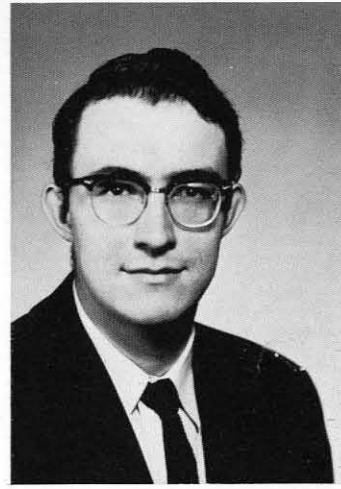
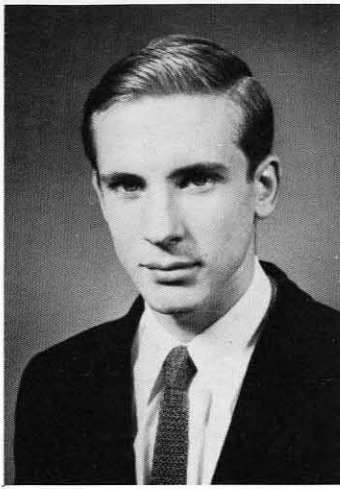
**FORD HOLTZMAN**  
 Ricketts  
 Ford is a native of Tempe [where's that again?], Arizona, and came to Tech to write for the newspaper. His well-known and much-discussed Bull Pen has consistently and indiscriminately cut down faculty, student body, and administration policy, usually with a fine argumentative style. Ford's only passions are against work and people, but he plans to associate with both [as little as possible] after graduation. Oh, yes — he was the greatest Ricketts House secretary since old L. D. himself.



**WILLIAM M. KERN**  
 Blacker - T2  
 Bill comes from Sacramento, via a gray Model A panel truck, which runs sometimes. He has distinguished himself in service to the Caltech community as Y Film series chairman, president of the Instituturs, and as a writer for the California Tech. A catcher on the varsity baseball team for two seasons, Bill was chosen team captain in his senior year. As a staunch supporter of interhouse athletics, he also served as house athletics manager. Next year will see Bill at work in industry.

**MICHAEL KONRAD**  
Fleming - T, Honor Key

Mike entered Caltech as a very naive and innocent freshman. But four years have made a great difference by turning him into a naive and innocent senior. Much of his time has been occupied with athletics: officially in water polo, swimming, track and cross country (letter); and unofficially in skiing, sailing, and a great deal of mountain climbing, complete with pitons, avalanche cord, and ice axes. Scholastically, Mike was very confused, starting out in the Physics option, yet taking all his electives in Biology and obscure pre-med courses. The net result of this is that he plans to take graduate work in Biology at Cal Berkeley. As for other campus activities, Mike has dabbled in ham radio, Tau Beta Pi, Alpine Club, Beavers, and House politics. In respect to the latter, he served an active year as Fleming House President. But for all his activities, Mike is still his simple self, ready to tell stories in front of the fireplace or to giggle at those of someone else.



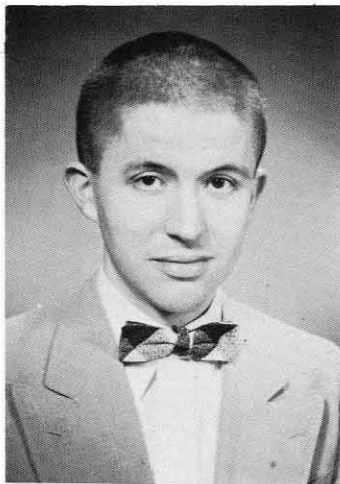
**JAMES LOVELADY**  
Blacker

A physicist who saw the light and switched to Electrical Engineering is this smiling lad from Colorado Springs, Colorado. He came to Tech and Blacker House where he was active in the Upper Pres Volunteer Water Dept., until Carol decided they had waited long enough, and they got married last spring. Jim's interests center around his wife, hi-fi, and work in industry. No grad school now for this money making man, maybe when he has his third million.

# Physics

**WILLIAM KLEMENT**  
Fleming - TBII (3)

Carefully avoiding all entangling extra-curricular activities except an occasional female, young Bill has proved for all time that the successful physicist need not be the model, well-adjusted member of society. Steeped in cynicism and hailing from Bensenville, Illinois, Bill complained a little and argued a lot about anything, and especially those women. "I can get the feel of physics, but . . . " In athletic endeavors we find him out for interhouse baseball, volleyball, and basketball. What with a lifetime of royalties from his "Bible" of Ph 2, 106, and 107 problem solutions and an N.S.F. fellowship to study physics at Cornell, Wild Bill's future seems secure.



**PAUL MINNING**  
Fleming

Fleming House's favorite inmate came all the way from Williamsburg, Ohio, to typify the typical Caltech man's idea of the typical Caltech man. Though famous for his pioneering expeditions to Alaska and to Baja California, and a familiar spectacle on interhouse teams, Paul is best known for his impassioned and continuous defense of the virtues (and vices) of constant attention to (1) one's assigned subjects; (2) more latterly, the opposite sex. With a whoop of "Snake it up, boys!" he now lopes off to graduate school, where he looks forward to a short but happy life, saturated with theoretical physics and unoriginal sin, and climaxed by the destruction of Western civilization.



**LOUIS MONTOYA**  
Ricketts

Lou came all the way across town from LA to Tech in search of a quiet room in the student houses where he could build and listen to hi-fi equipment. Quiet and easy-going, he proved to be nonetheless a tiger on the mound in interhouse softball competition. He was a member of the Upper Class Committee in Ricketts House, Treasurer of the senior class, and played baseball. His plans include graduate school in physics.



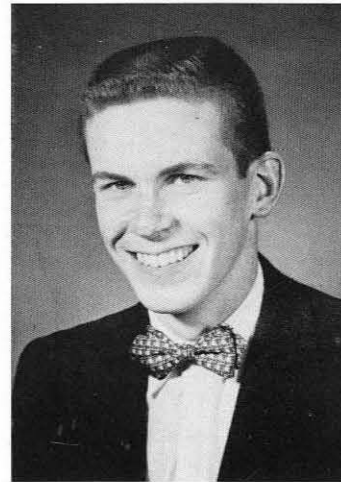
**WAYNE NELSON**  
Ricketts - T1

Wayne came out west from Chicago to become the pillar of Tech's Drama Club, in which he held most every office there is. His flair for the dramatic eventually culminated in his unique style in crew racing. Wayne found time between reading and attending plays to spend four seasons on the soccer field, and contribute to the intramural efforts of Ricketts in football and volleyball. He plans to pick up an MS in physics next year.



**CHARLES H. NEUMAN**  
Blacker

Chuck came to us in 1956 as a transfer student from Taft College, so his fresh and soph years remain shrouded in mystery. During his two years here, he has been active in the Y, in the Instituters, and in interhouse sports. The inhabitants of Upper Pres remember him not only as a fine UCC, but also as chief of the Blacker Volunteer fire department. Chuck's plans include marriage in June and graduate school in the fall.



**HUGH PALMITER**  
Throop

Hugh, more commonly known around Throop Club as "Huge," hails from Alhambra where he attended San Gabriel Mission High. Like every fresh, he entered the physics option, the only difference being he stuck it out. He has other interests as his membership in SAE and his fierce reputation as a hearts player prove. He has also been a member of Throop's basketball team. His future plans include grad school, but as yet he has not made a definite selection.



**ROLAND PARKINSON**  
Fleming - T2

Childe Roland, O best beloved, has been a basketball manager as long as you or I can remember. For two years, what is more, he has taken the frosh under his wing (and the upperclassmen over his knee) as a highly-regarded Upper-Class Committeeman (that's magic) of Fleming House. A lover of good talk, good wine, and good physics books, "E--e" goes on to graduate school in Washington, where a Ph.D. glitters distantly in more than oriental splendor.



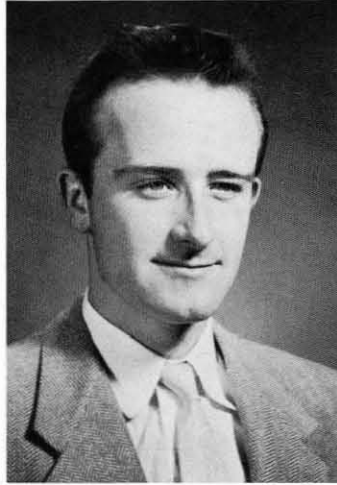
**REID PARMETER**  
Dabney

This quiet and very likable physics major comes from that steel making burg called Fontana. During his first stretch here, Reid played on the frosh basketball team and spent endless hours with a girl down the street. (He is now the proud father of a two year old girl.) Towards the end of his junior year, Reid decided to take a break so off he went to Phoenix for a two year honeymoon. He returned last year with renewed vigor and has been doing well since. He plans to go on for his Ph.D. before embarking seriously on a "life of the mind" jag.



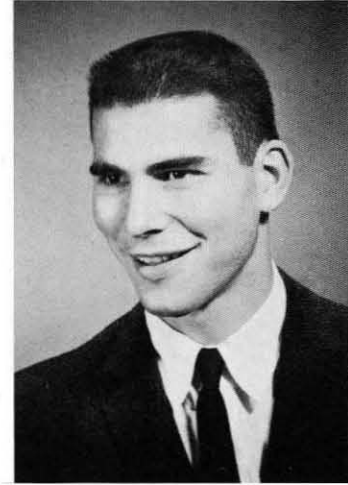
**ROBERT PHELAN**

A local man's local man from the fair city of Pasadena itself, Bob and his expansive smile have been a continual bright spot on campus. Though appearing to vanish after classes with the rest of his off-campus compatriots, Bob has reappeared frequently for such activities as cheer leading and interhouse diving, and for such organizations as the Beavers and the Student-Faculty Relations Committee. His succinctly stated future plans are to go to graduate school.



**GERALD M. PJERROU**  
Blacker - T3

The call of nuclear physics lured Pjerrou south from industrial Fontana, California, to this cherry, academic clime. The institute saw fit to divert some of his energy and talent to athletics, and Jerry has been a mainstay on the springboards for our swimming team. A UCC-ship in Blacker helped round out his activities. Next year will see Jerry in grad school in nuclear physics; probably at Washington University.



**ROBERT SCHENTER**  
Dabney - T2

Bob is a local lad who came here to partake of the subtleties of Physics. While working hard for his good grades in this almighty of options, he has shown his wide range of enthusiasm by playing interhouse sports and varsity baseball, being a UCC, and indulging in a full social life. Grad school, perhaps to a doctorate, and marriage, undoubtedly to a woman, will occupy most of Bob's immediate future plans.



**TOM SCHUMANN**  
Throop

Tom, who hails from faraway Tujunga, was an interested member of the Physics Club, like any good physics major should be. He is extremely interested in water sports as is shown by his membership on both the swimming and water polo teams. Tom has plans for a very ambitious future, namely doing graduate work in physics, probably at Berkeley.



**LAWRENCE SMITH**

Ted is one of the old married seniors of Throop Club. After an unsuccessful attempt at Tech, a hitch in the military proved to him that an education was worth the effort involved. Senior year found Ted doubling his previous G.P.A. and supporting a wife at the same time. Armed with vigor and determination to learn, Ted will return next fall to obtain an M.S. in E.E.

**ROBERT TAMBLING**  
T1

Bob came to Tech many, many years ago to major in the philosophical subject of Mathematics. During his Senior year three years ago, Bob heard the call of Uncle Sam and was a member of that fine institution known as the Army. He came back to Tech this year to complete his undergraduate schooling. Being, perhaps, a bit more practical this time around, he decided on Physics as a career. Once again, Bob changed his mind and now has decided to go to grad school in EE. While at Tech, Bob has been a member of Blacker. During his first tenure of undergraduate schooling, Bob rose to the highly esteemed office of Blacker House Pope. His other activities included becoming a varsity letterman in cross-country. Bob plans to take his MS in EE at Tech.



**DONALD STERN**  
Blacker - Honor Key

Coming to Tech from North Hollywood, Don has earned a warm place in the hearts of many, among whom is a perky lass from UCLA. After lettering in frosh football and baseball and making Honor Standing, he directed his energy toward interhouse sports, where his ability won him the job of manager. In this capacity he instigated the now famous two-man volleyball ladder. His Caltech political career culminated in the office of House President. After getting his sheepskin, Don plans marriage and graduate study in Physics.

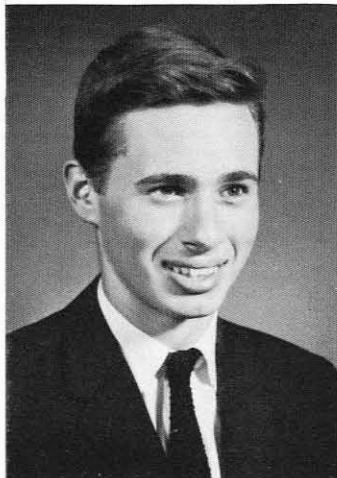


**VINCENT D. TAYLOR**  
Ricketts - T4, Honor Key

From the hills of Vermont through the jungles of LA came Vince to an active life on CIT's campus. Vince's outgoing personality and general likableness led him to several offices at Tech, including BOC his junior year, Ricketts House social vice-president, and finally president. He is a member of the Beavers and has contributed strongly to the Tech water polo team. He plans graduate school in International Economics (physics just isn't that interesting).

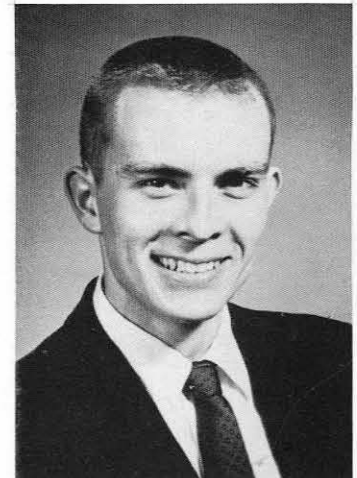


*Physics*



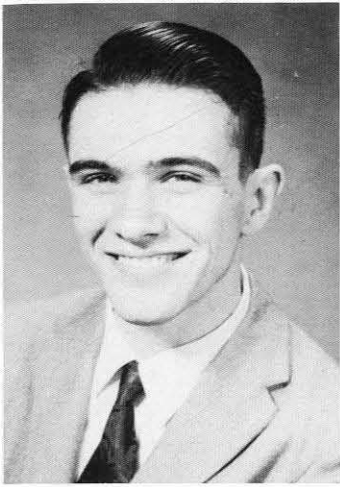
**PHILIP THACHER**  
Fleming - T4, TBII

After moving around California for most of his life, "boy2" settled down at Caltech for four years, apparently to do most of the work there was to do there. He wrote regularly for the TECH, worked on TOTEM, and was active in the YMCA. Phil was a member of the Glee Club and served as its treasurer. An outstanding soccer player for four years, he also made a name for himself on varsity and interhouse swimming teams, and was out for frosh baseball and interhouse track. A member of Tau Beta Pi and President of Caltech's chapter, Phil is going to graduate school — in France if he's lucky.



**MARTIAL THIEBAUX**  
Fleming - TBII

Martial, a rather reticent chap from Whittier, California, has spent most of his time — mountain and rock climbing — and rose to the presidency of the Alpine Club. On the side, he has devoted enough time to Physics to maintain his place as one of the top men in his class and gain admission to Tau Beta Pi, in which he holds the office of Cataloguer. Interested also in music and photography, and an active participant in interhouse track and cross country, Martial intends to do graduate work in physics at the University of California at Berkeley.



**WILLIAM WAGNER**

Probably one of the most brilliant students to attend Tech in many a moon, Bill has devoted himself to being a Physicist and hopes to get a Ph.D. in Physics from Caltech, after which he would like to pursue his profession even further by being a theoretical research scientist in Physics. Bill is a member of the American Physical Society, and bets are that he will go quite far in the field of Physics if his undergraduate record is any indication.

**ROBERT WALSH**

**Ricketts - Honor Key**

Bob was perhaps one of the busiest (and considered by most one of the most influential) men on campus. He never studied much, but managed to take up most of the day with other activities. For instance: writer of the Caltech Placement Guide; Model UN chairman; editor, California Tech; Assistant Editor, Big T; Ricketts Athletic Manager; Junior class Social Chairman; and an active interest in athletics (particularly intramurals) rounded out his field of activities. Bob came from Tucson, Arizona, where he plans to go one day to "retire to a sprawling ranch estate."



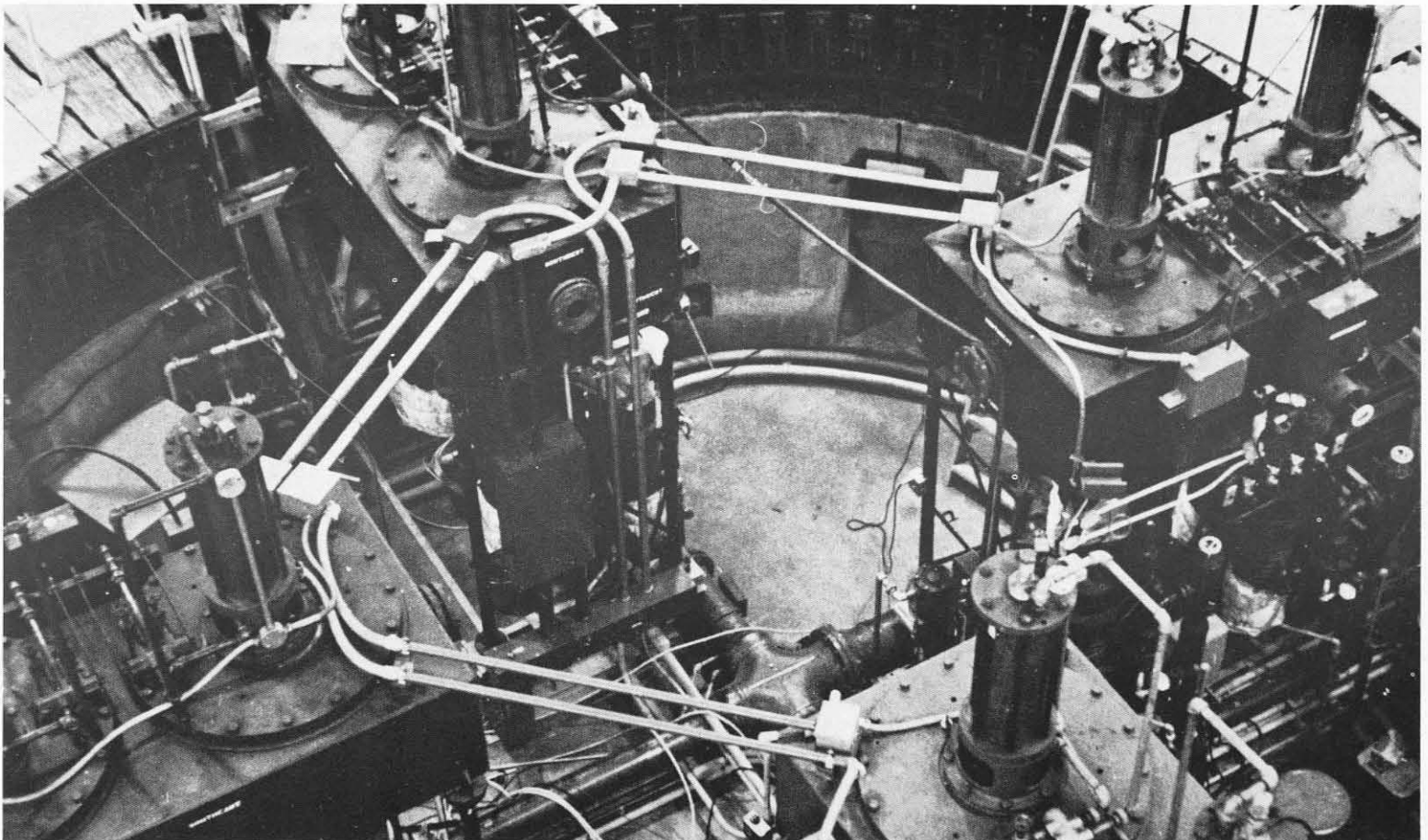
**GEORGE YANKURA**

Jovial George was one of those unfortunate souls who had his undergraduate career interrupted by Uncle Sam's Army. Undaunted, George came back with more determination than ever and worked his way through the fourth year. His future plans include getting rid of an antiquated Studebaker, latching on to a wife, and settling down in some nice quiet rut for a change.

**JACK H. ZEILENGA**

**Dabney**

Jack came to Tech from San Diego, but having since acquired a woman, the whereabouts of his home will now be uncertain. He has considerable talent for electronics and jimmying radar cops, and is a physicist of great force and a mathematician of occasional brilliance. His outstanding ability lies, however, in his weird and unorthodox techniques in just about everything. Problem solutions arising from his motto — "Try not to do anything the way others do it because they are usually wrong" — will long be remembered by our physics department. In the future Jack plans to do graduate work at Stanford and post-doctorate work in Germany.

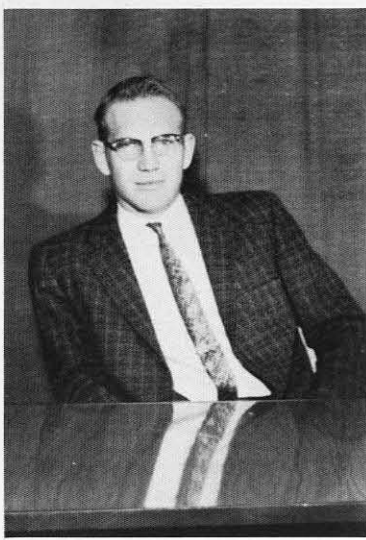




*Student  
Government*







Gene Cordes  
Vice - President



Mike Godfrey  
Secretary

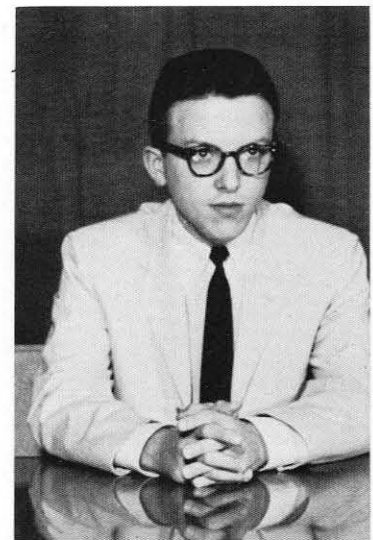


Donna Demetriades

Dick Kirk  
President



Clark Rees  
Treasurer



Tony Iorillo  
First Representative

The Board of Directors got under way by casting about for new and interesting ways to spend the surplus money with which they found themselves faced upon their arrival in office. Logically enough, they proceeded to expand the ASCIT activities to new and more magnificent heights.

The social program got its cut and came up with a giant "Lost Weekend." Couples danced to the music of Conrad Gazzo and traveled to the beach to enjoy the Corona del Mar sun the following day. The Board went through the tiring task of picking the best coeds in the area to run for Homecoming Queen and then the student body made the final selection — Mary Anne Seltzer of Scripps College. The Christmas dance was moved off campus and was found to provide even more kids with Christmas cheer as the pile of toys mounted under the tree. Finally the ASCIT threw the big social event of the term, the ASCIT formal at the Crystal Room of the Beverly Hills Hotel to the music of Nelson Riddle.

Rallies took on a new look with the presentation of

Shorty Rodgers.

On the more serious side, the BOD established the Student Committee on Educational Policy which has become the respected student voice on Institute educational policy. It tidied up the publications by establishing a Photo Service to handle photographic assignments for publications and by setting up a Publications Committee to keep tabs on these publications including the new literary publication, Totem. To keep things more business-like it established an office with a hired secretary.

These were some of the bigger and newer things the Board presented. For better or worse, it lived it up and made changes.

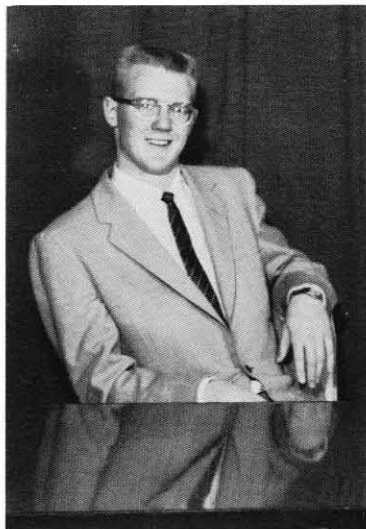
Near the end of their term the tired men of the Board rallied for one last effort and succeeded in revising the By-Laws of ASCIT to include an Executive Committee which was to be concerned with long range policy and which was to concern the speeches of a new crop of candidates.



Mike Godfrey, Don Owings, Gene Cordes, Tony Iorillo, Dick Kirk, Clark Rees, Russ Pitzer, Bill McClure, Brad Efron.



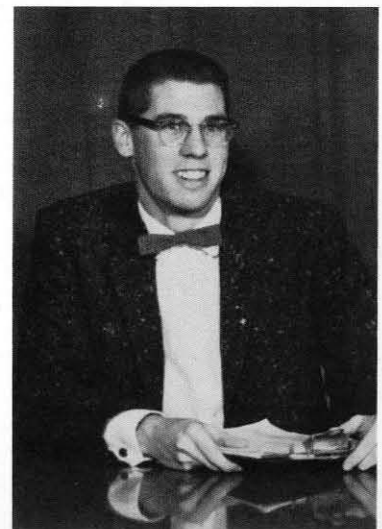
Brad Efron,  
Second Representative



Bill McClure,  
Publicity Manager



Russ Pitzer,  
Athletic Manager



Don Owings,  
Rally Commissioner

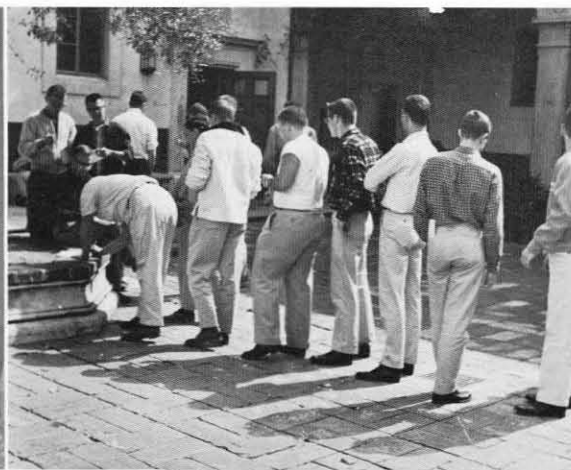
*Board  
of  
Directors*

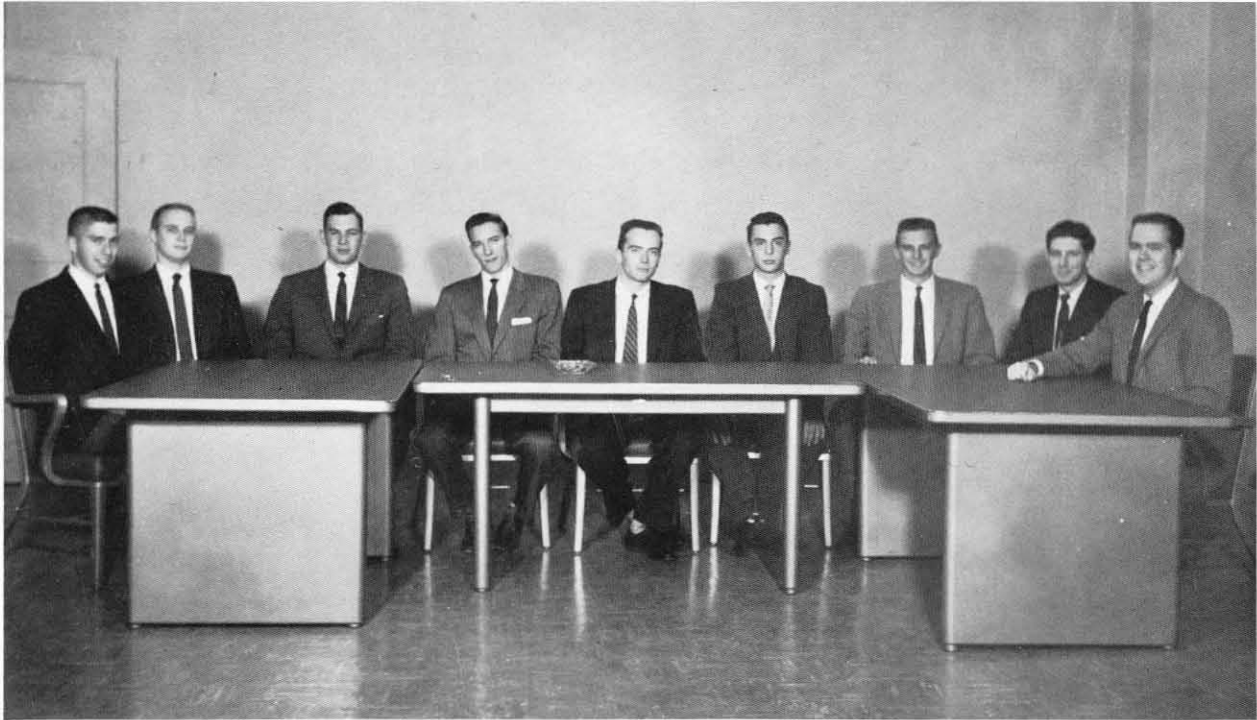


## *Elections*



Front: Wally Baer, Gerald Arenson, Harold Gustafson. Back: Lewis Linson, Reed Saunders, Sidney Roth.





Tom Tisch, Ken Dinwiddie, Bob Thompson, Jim Wilkinson, Mike Godfrey, Tom Jovin, Tony Leonard, Jerry Arenson, Dave Spencer.

## *New Officers*

## *Yell Leaders*



# Board of Control

The Caltech Honor System, of which we are justly proud, is a vital part of our student life. It helps to promote an atmosphere of trust and confidence that pervades our campus. Such an atmosphere is indispensable for the development of personal integrity.

The Board of Control is responsible for the maintenance and the administration of the Honor System. The honor system, although it has been unaltered in many respects since its inception forty-eight years ago is not an unchanging institution. One of the most important functions of the Board of Control is to provide for the growth of the Honor System.

Our Honor System, run by students for students, is more than a proud tradition. It is a living and vital part of our student life.



Mike Godfrey, Dick Kirk, Gene Cordes.



Dave Butterfield, Pete Lippman, Frank Albini, Andrew Perga, Dick Kirk, Gene Cordes, Mike Godfrey, Ron Forbes, Bob Blandford, Bill Bauer.



## *Seniors*

### Senior Class

Apparently lying dormant for the first half of the year the Senior Class has been making preparations for one of the best Junior-Senior Proms ever. President Sonny Nelson has secured the Venetian Room in the luxurious Ambassador Hotel as the site of this gala affair.

Busy with job-hunting and other preparation for post graduate work in addition to the many house functions the class has found little need to initiate social functions, other than an after-game dance.

Slightly haggard but still optimistic and confident the Seniors look forward to graduation and their release into the cold, cruel world with bittersweet memories of their Caltech experiences and the friendships that they have made here.





# Juniors



J. Arenson

A hardy band of seasoned Caltech veterans calling itself the Class of '59 trod once again onto the campus scene, dinning its battle cry: "Junior year is a rack! A task force led by Field Marshal Jerry Arenson established glorious new standards of Mudeo-pit-digging; and another force of juniors, judging the event, emerged from behind enemy lines, escaping unharmed through hordes of freshmen and sophomores.

But by then it was apparent that the juniors were well-entrenched on the campus battlefield. Members of the class formed the backbone of Tech's intercollegiate athletic teams; several athletes rose from the ranks of the class to achieve All-Conference standing. When third term began, juniors were ready for the top commands they assumed in ASCIT, the Houses, and campus activities.



Ron Forbes, Bob Blandford

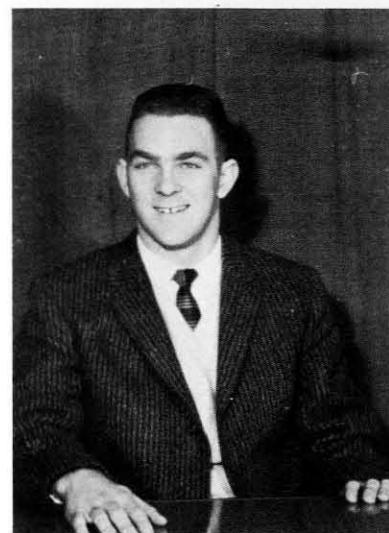


Bob Blandford, Dick Johnson, Mike Milder, Jerry Arenson, Dick MacAnally, Harold Gustafson, Ron Forbes.

# Sophomores

The Class of '60, now looking forward to the junior year, began their sophomore activities with the election of section leaders. The newly-elected section leaders received as their first duty the job of arousing Mudeo interest in the class. Mudeo spirit was soon high, but unfortunately signups were low because of the large number of ineligible sophomore athletes. However, the eighteen hardy entrants mustered that Class of '60 iron-man spirit and went on by sheer determination to win the Mudeo, thus avoiding for the second consecutive year Frosh-Soph Dance expenses.

Second term activities included a stag to Mt. Wilson for the purpose of erecting a class marker on the Tech "T" and a dance after the Whittier game. Third term was marked by the traditional Frosh-Soph Dance and the initiation of plans for an all-class social day.



Jim Sorenson



John Walsh, Dave Butterfield



Julian Emile, Dave Butterfield, Paul Widess, Jim Sorensen, John Walsh, Wes Shanks, Jim Wooster.



## *Freshmen*

### FROSH CLASS

They are called squares, snakes, trolls, but mostly they are called frosh.

Lost looking frosh, pushed from Student Camp high in the Sierras to tea at the DuBridges, gazing fearfully at women at the Tea Dance, learning to study, catching Asiatic flu during initiation water fights, plodding through sophomores and genuine Mudeo mud.

Confident frosh, finals under their belts, electing new officers, attending a smoker, lowering their purity scores, planning a post-game dance.

Sorrowful frosh, finished by second finals, paying for the frosh-soph dance, looking for summer jobs, and planning, oh! ever planning, how the Class of '62 will be the object of their revenge.



## *Mudeo*

Freshmen met sophomores in the annual Mudeo Tuesday, and the juniors came out victorious, as usual.

The day proved a total loss for the freshmen, as they came out on the short end of a 5-2 score and zero junior judges were thrown into the pit.

Frosh brawn piled up a 2-1 lead in preliminary contests, but failed to win the all-important Horse-and-Rider or the Tire Spree, worth two points each. The freshmen at one point held a decisive lead in the Horse-and-Rider event, but the youngsters failed to cooperate with the judges and after careful consideration the event was awarded to the sophomores.

In the Tire Spree each team acquired five of the eleven tires, and forty underclassmen were struggling for the last tire when the judges called time. The sophomores were awarded the final event and the Mudeo championship on the basis of sportsmanship, and the judges outsprinted hordes of irate freshmen.





Diana Jackman

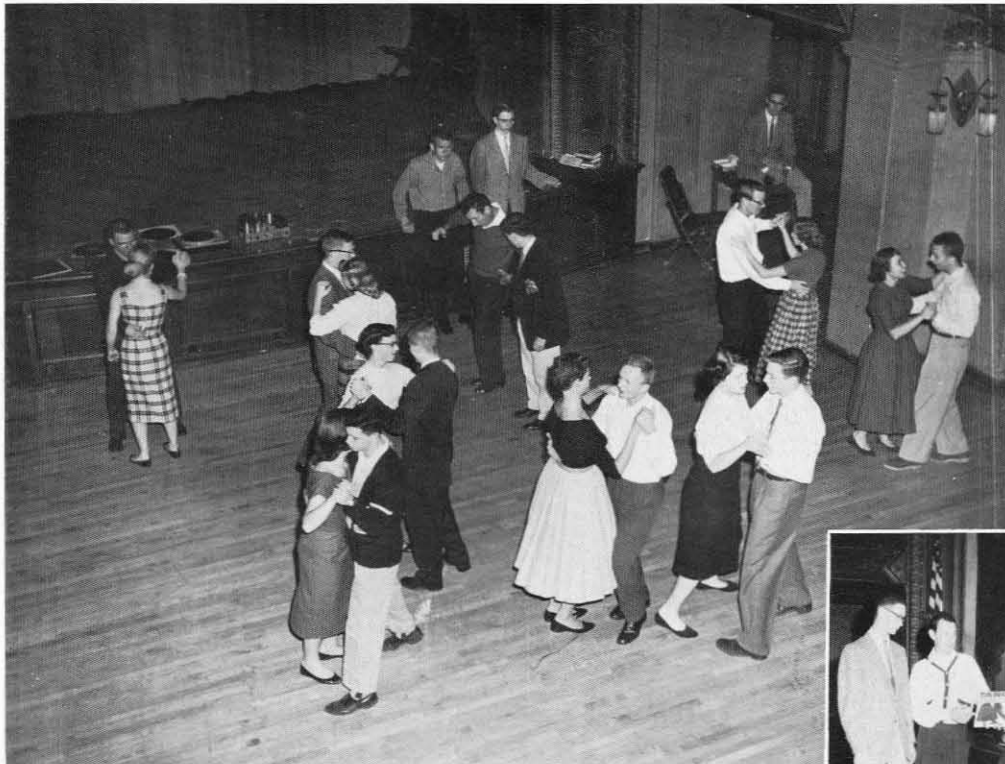


Mary Anne Seltzer



Linda Duval

## *Homecoming Queen*



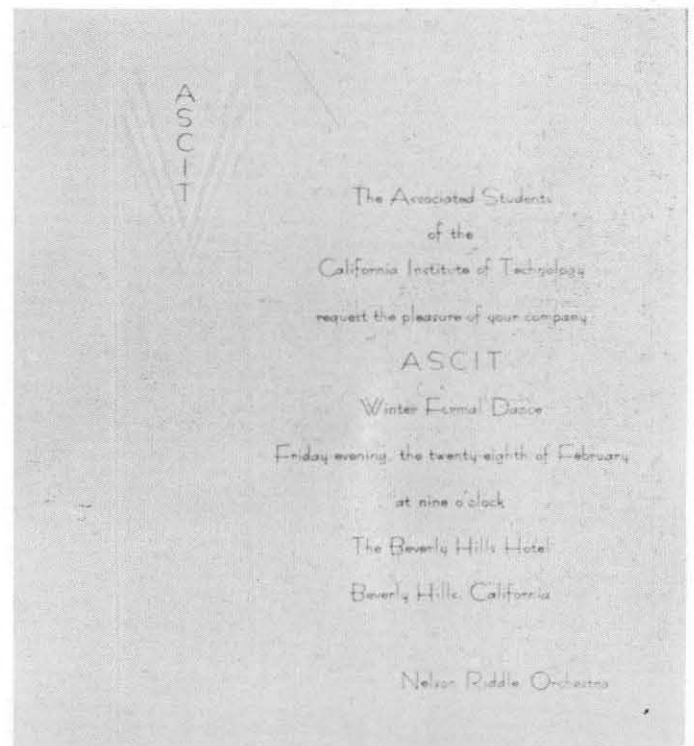
## *Dance Class*



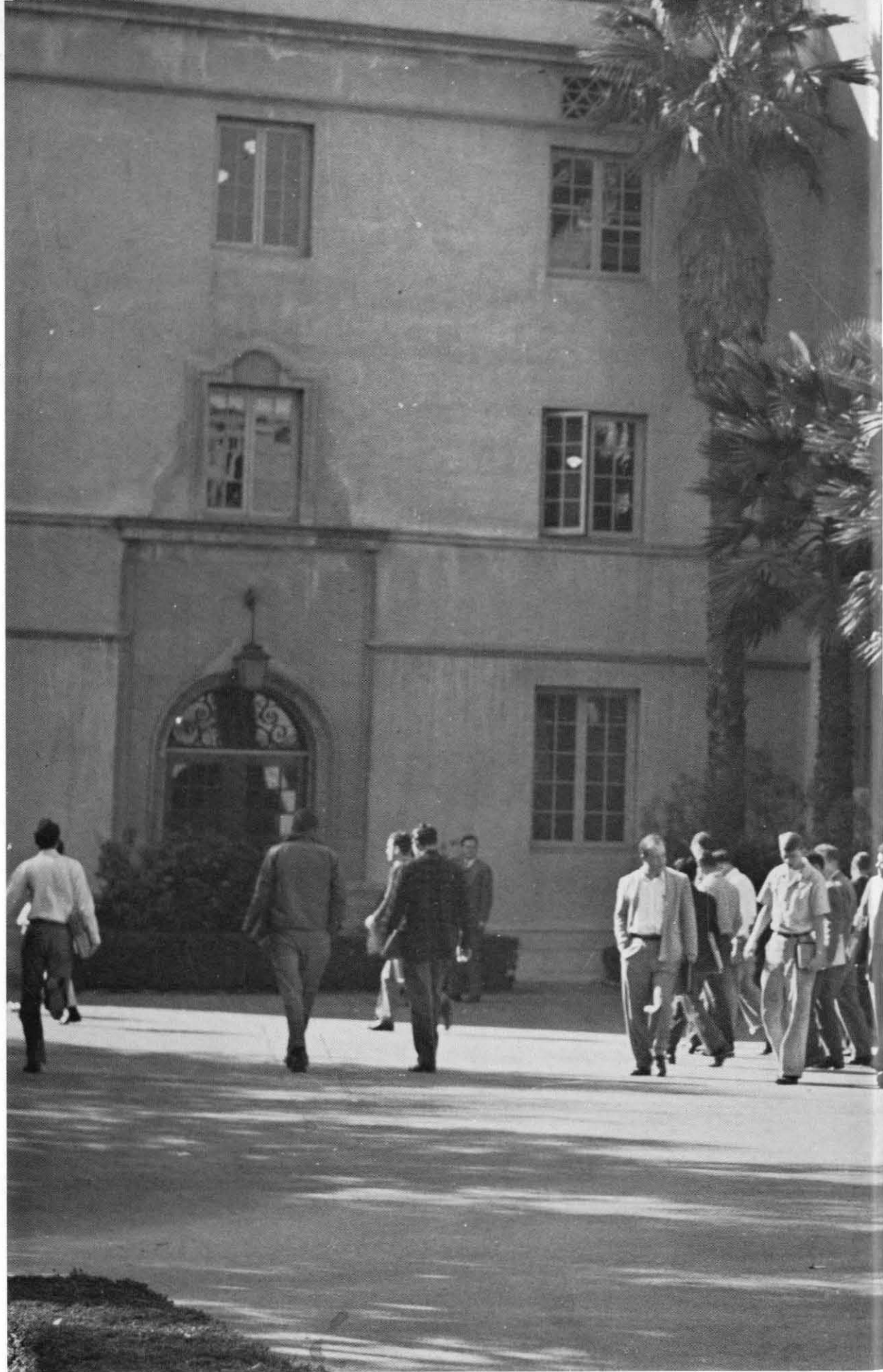
Neil Richardson, Leon Parten, Mike Turner



*Ascit*      *Formal*



# *Activities*







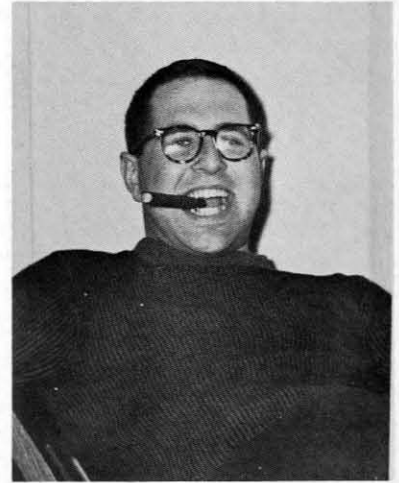
# California Tech



Bob Walsh, Editor



Ford Holtzman, Hero



Lave Leeson, Business Manager

The California Tech, with an ink-stained thumb in every campus pie, had as gay a year as has been seen in quite a while. Led by the divine guidance of Editor Bob Walsh, assisted by editorial board members Dave Leeson, Mike Miller, Jim Wilkinson, and Howard Weisberg, the paper went on its merry way scooping the world on interviews, meddling in the ill-handled affairs of the BOD, giving birth to the "new ASCIT," re-

porting all the news that fits in print, and irritating the Big T editor no end. A rash of new columns, real honest-to-gosh editorials, a dash of world news, and Holtzman-as-usual characterized this year's Tech. Looking toward next year are new Editor Milder, and his crew, headed by frosh all-stars Moler and Todoroff, and a whole staff of eager, useful, competent, skillful, and unnamed writers and copy-readers.



Front row: Dave Leeson, Jim Wilkinson, Howard Weisberg, Mike Milder. Middle row: Ted Bate, Dave Spencer, Kirk Polson, Frank Childs, Lewis Stansby, Don Wood, John Todoroff, Ford Holtzman, Lance Wallace, Cleve Moler. Back row: Joel Yellin, Dave Singmaster.

# Debate

## PI KAPPA DELTA

Pi Kappa Delta (not to be confused with Tau Beta Pi), is an honorary speech society. The members of this illustrious organization have to be tried and tested in intercollegiate debate tournaments and thus prove themselves worthy of membership.

Although the Caltech speech team has not been as conspicuously successful this year as it has been in preceding ones, activity has flourished. Representatives have attended the major western tournaments this year, and have spoken well for the school. We are looking forward to having our reputation furthered in the coming year in the field of forensics through the fortitude and determination of the members of Pi Kappa Delta.



Dwight Thomas



Tom Gunckel, Andrew Perga, Tom Morton



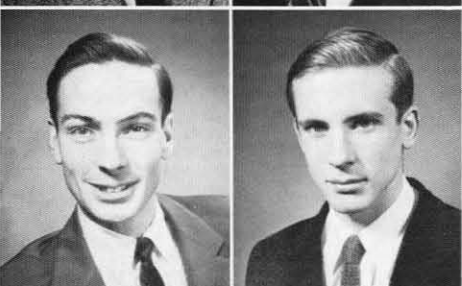
Keith Brown



Gene Cordes



Mike Godfrey



Stu Goff



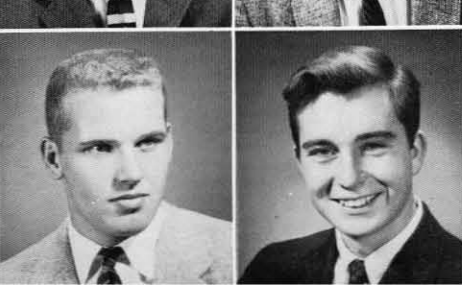
Tony Iorillo



Dick Kirk



John Kleiderer



Mike Konrad

Dave Leeson

Bill McClure

Mike Milder

Don Owings

Andy Perga

Russ Pitzer

Clark Rees



Reed Saunders



Vince Taylor

Not Pictured:  
Bob Walsh  
Brad Efron  
Don Stern

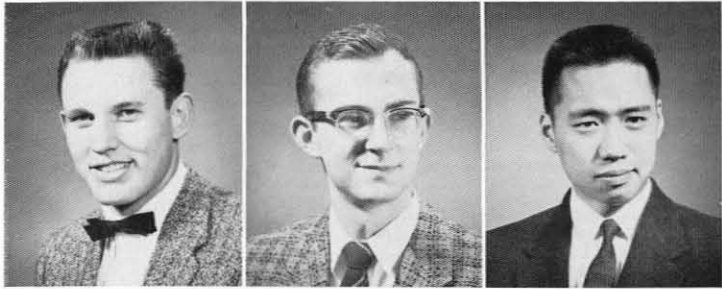
# Honor Keys

To reward its outstanding members in the field of extracurricular activities the ASCIT organization gives its Members Honor keys. These Keys are given to men who have demonstrated their willingness to take an active part in campus organizations. Emphasis in awarding these keys is placed on leadership and work in many fields of activity. These are the men who have been chosen by the ASCIT BOD to receive Keys in 1958.



Tony Iorillo, Gene Cordes, Brad Efron

# T B T



Dick Baron

Dick Baugh

Berken Chang



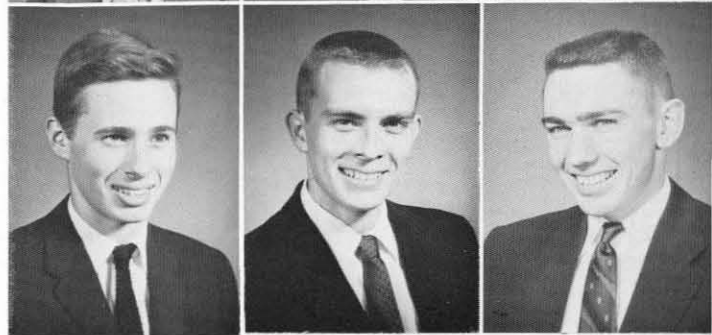
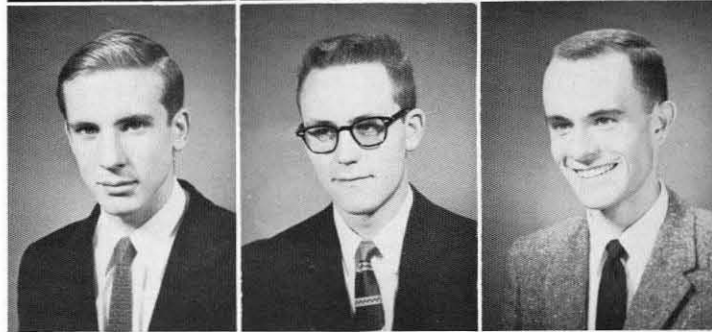
Martial Thieboux, Phil Thacher,  
Dick Fiddler, Dick Neville, Tom Gunckel



Dick Cowley

Dick Fiddler

Joe Fineman



Tom Gunckel  
Dick Johnson  
Dave Leeson  
George Oetzel  
Martial Thieboux

Bob Harman  
Walt Johnson  
Mike Milder  
Chuck Stone  
Bob Tokheim

Not pictured:

Bill Graham  
Mike Konrad  
Bob Lange  
Richard Neville  
Phil Thatcher  
Jon Valbert

Frank Albini  
John Asmus  
Dick Cooper  
Bob Deverill

Alan Emanuel  
Vladmir Baicher  
Bill Klement  
Wolfgang Knauus

# Beavers

According to the Institute catalog, membership in Beavers is granted in recognition of service to the student body. In previous years the Beavers provided several services to the Institute and student body as a group in themselves, but recently many of their functions have been taken over by other groups, such as Instituters, ASCIT, and the YMCA. Hence much of the recent activity of the Beavers has been limited to social endeavors.

However, this year the members of the Beavers expressed a real interest in providing services as a group, and much discussion has taken place among members as to how this end can be accomplished. Any concrete results of these discussions may not be seen until next year, but if a renaissance of the Beavers is accomplished within a short while, it can be said that the spirit of the renaissance had its beginnings in the minds of this year's Beavers.



Dave Leeson, Dick Van Kirk, Brent Banta.



First row: left to right: D. Stern, A. Leonard, A. Perga, D. Leeson, D. Brown. Second row: left to right: M. Konrad, J. Kleiderer, D. Owings, C. Rees, B. Efron, L. Nelson, V. Taylor, M. Godfrey, B. Blandford, T. Iorillo. Third row: left to right: B. Banta, D. Van Kirk, E. Krehbiel, G. Converse, B. Emmerling, R. Pitzer, R. McClure, R. Kirk, E. Cordes.

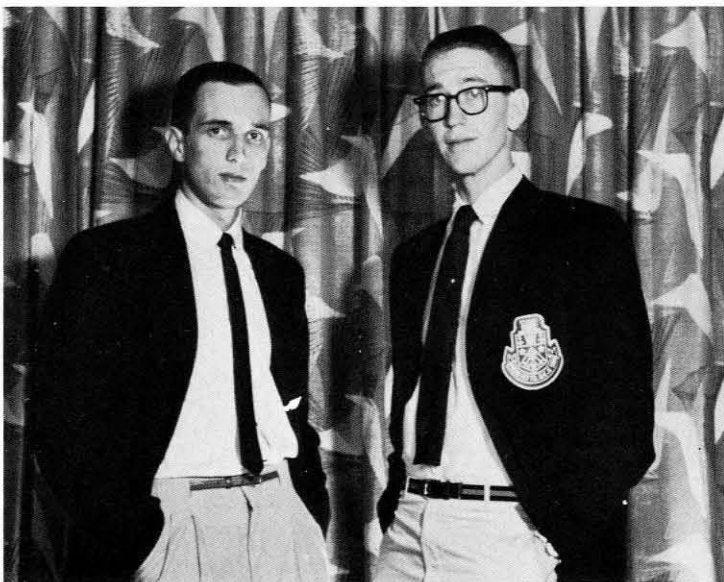
# Totem



B.R. Mike Peters, Tom Morter, John Lango, Al Carlin,  
Eugene Robkin.  
F.R. Gustave Akselrod, Phil Thacher, Ken Scholz,  
Joe Fineman.



Eugene Robkin, Ken Scholz, John Lango.



Brad Efron,, Dave Nissen.

58  
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57

# Glee Club



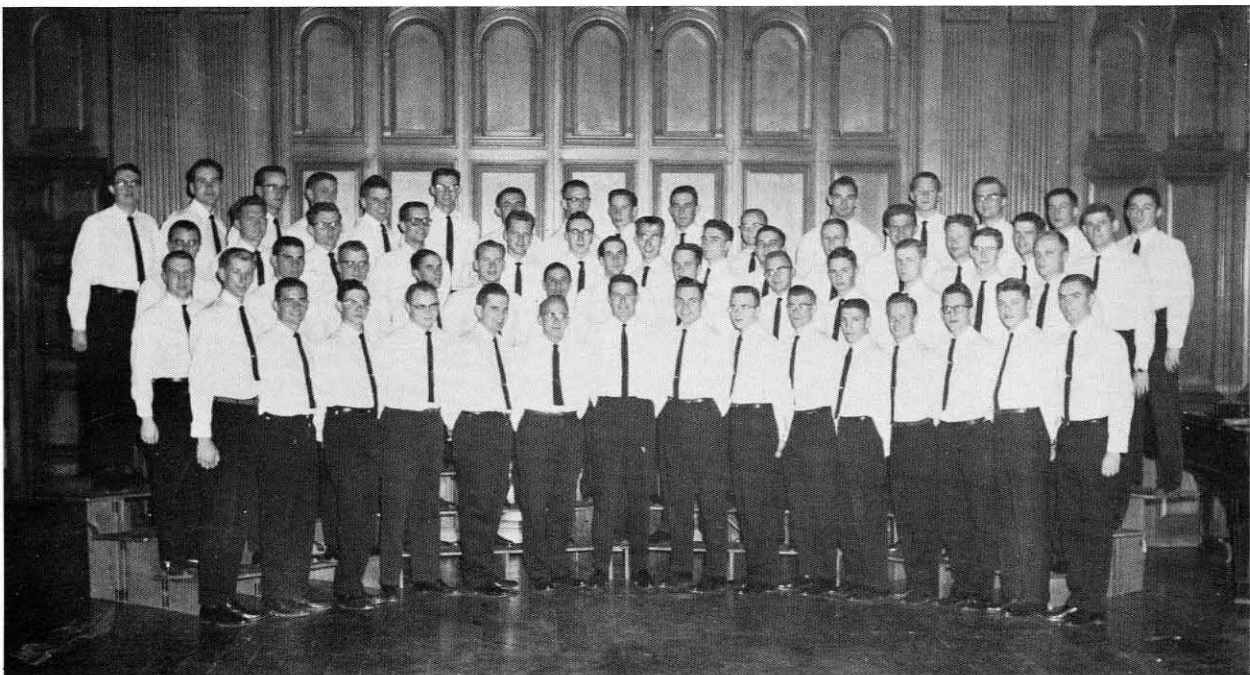
Olaf Frodsham, Director of Glee Club

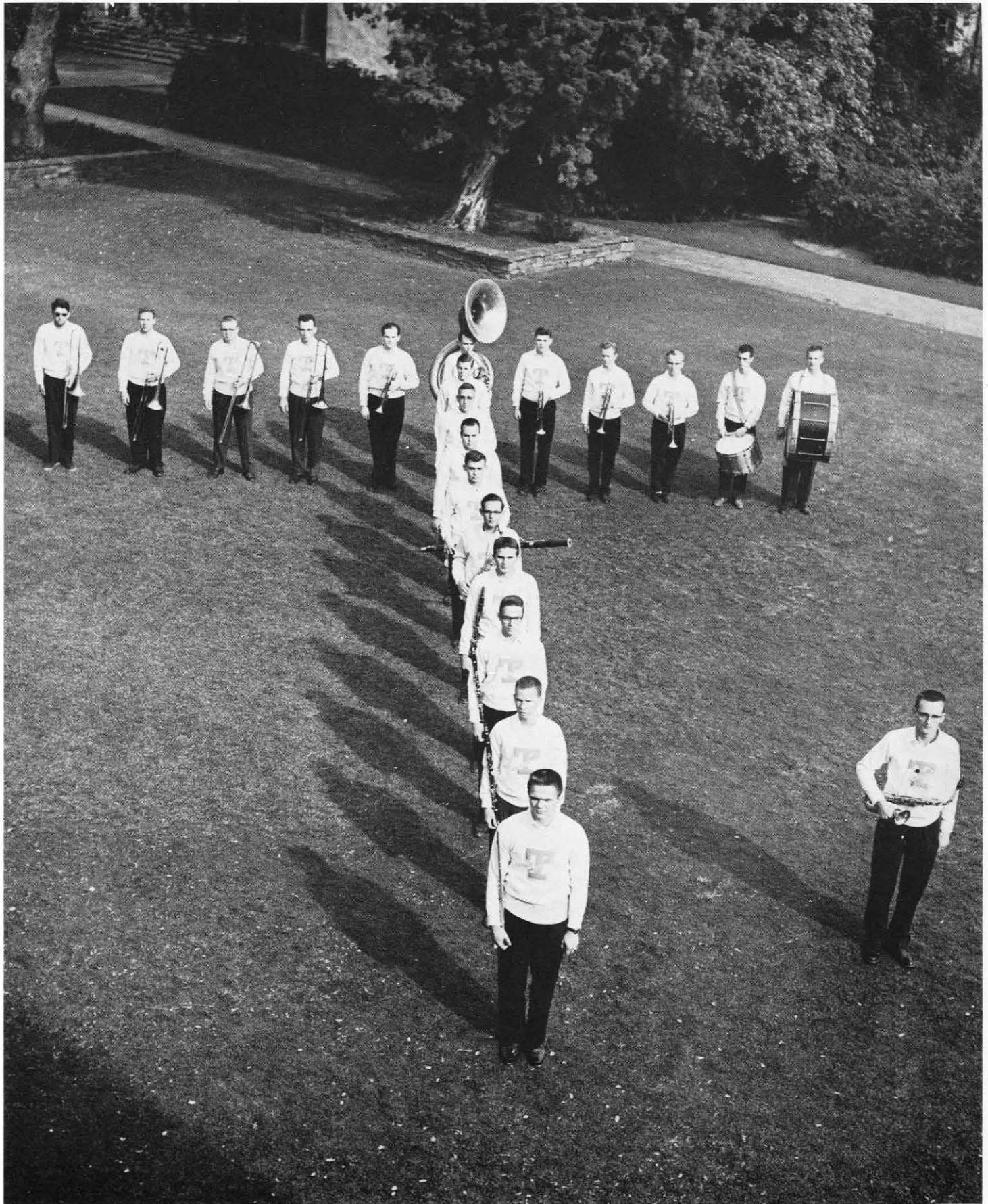
The Caltech Glee Club, under the able leadership of Olaf Frodsham, Professor of Music at Occidental College, will certainly count 1957-8 as one of its "red-letter" years. The club, which started anew on the campus only five years ago, has rapidly grown in stature and will certainly in the future achieve a position among the better-known glee clubs in the West.

New events in the glee club's schedule this year were many. Among them was a two-day tour to Bakersfield, with six appearances in that city; this is the first time that the club has left the Los Angeles area. Also, it held the opening position in a series of concerts by college music organizations in the Burbank Methodist Church; it officially represented in Institute in concerts for the Alumni in various cities around the Los Angeles area; and it performed for Pasadena's exclusive Twilight Club. Last but hardly least, its first concert was an informal get-together with the Pomona Women's Glee Club, including singing, dancing, and caroling for Mudd Blaisdell. As a result of these many new concerts, the schedule for next year is already very full and the means has been given to the club to provide each of its members with a white dinner jacket for future performances.

Traditional events continued this year were the Spring Concert for the Caltech Community, an evening concert over the radio at the Hollywood Presbyterian Church, and sponsorship of the Inter-house Sing in March. Also, Caltech was host this year to the Intercollegiate Music Festival, in which male and female singing groups from throughout Southern California collected on Campus to compete informally before a capacity audience and enjoy a dance afterwards.

We will be looking forward next year to a continued broadening of our repertoire and our reputation in the area; in the plans is a tour of several states during Spring vacation. We express our hopes for a very bright future as the fame and quality of the club continues to develop.





Back row, l. to r.: D. Schildkraut, G. Long, R. Hintz, H. Johnson, J. Nearing, A. Thiesson, J. Lohman, P. Gardner, C. Velline, S. Brumelle, R. Schinnerer.  
Top to bottom: J. Rix, H. Gier, R. Gatterdam, S. Imrich, J. Alleman, O. Seely, T. Bergstresser, D. Butterfield, Stan Sajdara. Al Forsythe, director.

# *Band*

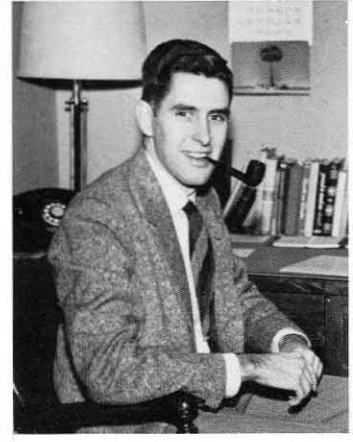




Wes Hershey, Executive Secretary



Jim Weaver, President



Roger Elderidge

# Y.M.C.A.

That purpose of the Y can best be seen as a three-fold responsibility: to the student, to the university, and to the church.

We want to help the student in his search for a unifying perspective on life. We want to confront him with his own limitations while at the same time helping him to lay hold of the deep capacities within himself.

As to Caltech we want it to be the ideal university and so our loyalty goes on to the desire to help the university wherever we feel she needs help.

In spite of all of our criticisms and judgments of the church, we in the Caltech YMCA have a great responsibility to it. If our eye is on the student as a person we will need to confront him with the Christian faith.

We are a fellowship, not just of students but of all those who "have their eye on the student as a person." We are a fellowship of students, board members, alumni, parents and friends

who want to work together in the search for the truth about life. We are a fellowship of all who want to help the student discover and meet his needs and responsibilities to himself, to the university and to society. We are a fellowship of all who want to provide opportunities for the student's growth as a well-informed, sensitive, loyal, concerned and committed person.

—Wes Hershey

A partial list of the tangible accomplishments of the Y for the past year more than suffices to show that our purpose is being fulfilled: four leaders of America: Clarence Randall, Martin Luther King, Sarvepalli Radhakrishman, and Victor Reuther; campus services: loan fund, student receptions, tea dance, lost - and - found; Scripps-Caltech Conference; numerous evening programs.



Front row: Tom Jovin, Jim Weaver, Allen Berg. Back row: Nelson Byrne, John Lango, Kent Frewing.



F. R.: Chuck Newman, Gus Akselrod. 2nd Row: Larry Elmore. 3rd Row: Reed Saunders.  
Bill Kern, Al Whitsett, Dennis Kuli, Gordon Smith

## *Institutors*

## *Student Shop*



F. R.: Andy Perga, John Conover. 2nd Row Jerry Siegel, Robert Pailthorpe, Al Forsythe,  
Pete Smith.



Left to right: Nick Grossman, Jerry Keisler, Al Hales, Dave Handel.

*Math  
Club*



Left to right: Wally Baer, Kirk Polson, Dave Spencer, Dave Lange, Andy Perga, Dave Leeson, Sid Leibovich.

*Educational  
Policies  
Committee*



Left to right: Bob Pailthorpe, Dick Fiddler, Bob Smoak, Dick Cowley.

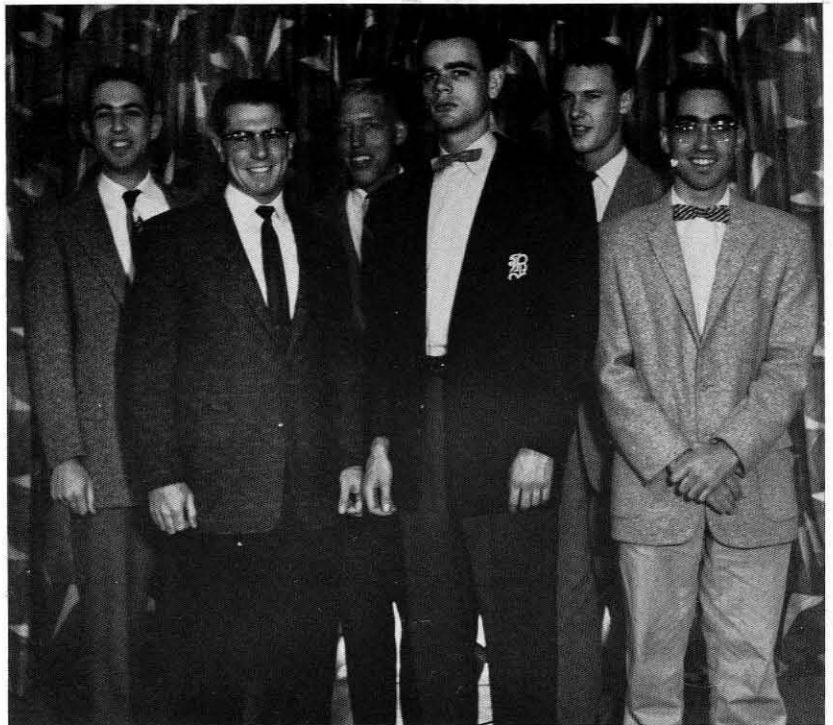
*S.A.E.*

*A.S.M.E.*



Left to right: Joe Stupak, Ed Schuster, George Engelke, Herm Hartung.

L. to R.: Allan Porush, Art Stacy, Hugo Fischer, Read Warriner,  
Jon Tibbetts, Steve Emanuel.

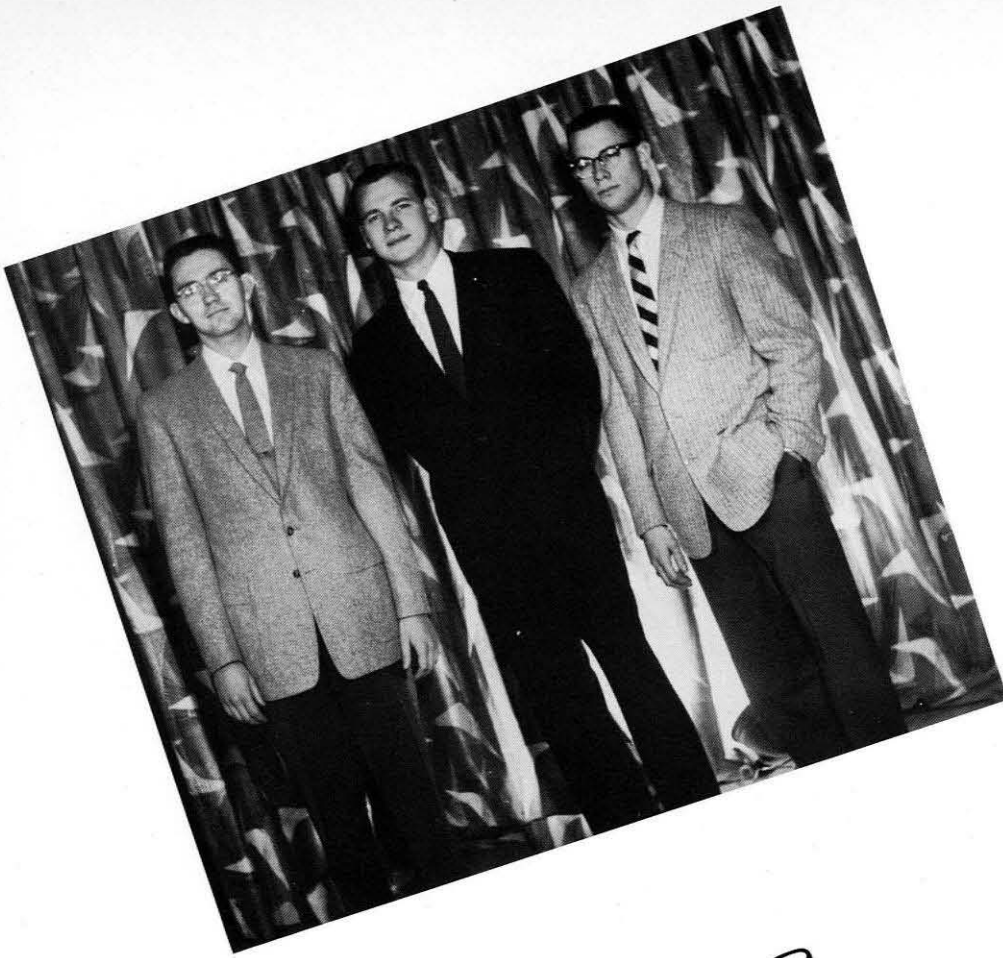


*A.S.C.E.*

*A.C.S.*

L. to R.: Art Rosenthal, Jerry Arenson, Pres. Dick Johnson, Bob  
Harman, Pete Rony.





George Oetzel, Keith Martin, Gordon Hughes.

*Tre and Aice*

*Chemical Engineering  
Club*



Bob Blakely, Arnold Goldford, Randy Schrans, Jim Rupe, Jerry Arenson.

Phil Harriman, Bill Graham, Dave Kipping.



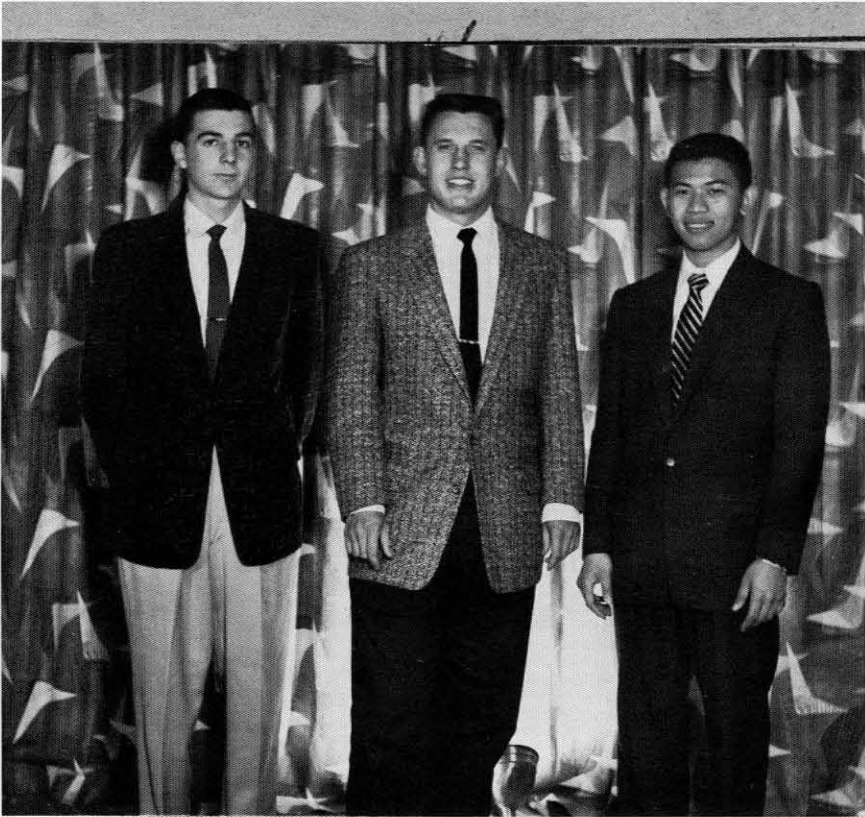
*Physics Club*

*Radio Club*



Bob Tokhiem, George Oetzel, Gordon Hughes.





Vince Marino, Dick Baron, Larry Tenn.

*Newman Club*

*Christian Fellowship*



Left to right: Dale Parkhurst, Gordon Brown, Lee Schmidt.



## *Student Camp*

This year, as usual, one hundred eighty-four bewildered Frosh and assorted transfer students gathered at Camp Radford in the mountains northeast of San Bernardino to find out what life at Tech was really like.

Distinguished faculty members and prominent upperclassmen were on hand to meet and advise the new students.

Various games, bull sessions and speeches kept the frosh busy, but they still had time to meet each other and form the first links of class unity. One of the highlights was the impromptu variety show which was enjoyed by all.

The general consensus was that the camp will be remembered for a long time and was a truly valuable experience.





Mike Godfrey, Hugo Fischer.

*Skiing  
Club*

*Alpine  
Club*



Dick Cowley, Martial Thieboux.

# Sailing Club



Doug McClain, Ron Arps, Jim Weaver, Nelson Byrne.



Kneeling: Randy Schmus, Harold Gier, Dennis Hamilton. Standing: Dave Groce, Tom Welmrs, Dennis Paull, Bill Dowd.

# ASCOT Photo

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## ALPINE CLUB

HUGO FISCHER  
JIM COWLEY  
BILL THIEBAUX

## ASCE

JON TIBBETTS  
ART STACY  
REED WARRINER  
DAVE GILDERSLEEVE  
HUGO FISCHER  
STEVE EMANUEL  
GENE BIESMAN  
FRANK CORMIA  
AL PORUSH  
JERRY HANSEN  
MALCOLM WHITT

## BAND

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R. NORMAN

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GLENN CONVERSE  
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ANDY PERGA  
TED BATE  
DENNIS PAULL  
RANDY SCHMUS

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BOB WALSH  
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MIKE MILDER  
HOWARD WEISBERG  
JIM WILKINSON  
CLEVE MOLER  
DAVE SINGMASTER  
JOHN TODOROFF  
BOB BLANDFORD  
BILL BAUER  
AL CARLIN  
KEN CASEY  
ELI CHERNOW  
FRANK CHILDS  
LARRY CRISSMAN  
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LANCE WALLACE  
JOEL YELLIN  
WALLACE YERBOVSKY  
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DAVE LEESON  
DAVE SPENCER  
DAVE LANGE  
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PHIL THATCHER  
ELDRIDGE MOORES  
GERHARD KLOSE  
DAVE ALYEA  
RON ARPS  
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LES DUNCAN  
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JOHN THOMAS  
DICK THOMPSON  
WALTER WALES  
GARRY WALLA  
JOHN WALSH  
ALLIEN WHITTSETT

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BRAD EFRON  
MIKE GODFREY  
STU GOFF  
TONY IORILLO  
DICK KIRK  
JOHN KLEIDERER  
MIKE KONRAD  
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MIKE MILDER  
DON OWINGS  
ANDY PERGA  
RUSS PITZER  
REED SAUNDERS  
DON STERN  
VINCE TAYLOR  
BOB WALSH

## HONOR CERTIFICATES

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WALLY BAER  
DICK BARON  
BILL BAUER  
NELSON BYRNE  
RON FORBESS  
AL FORSYTHE  
TOM JOVIN  
BILL KERN  
JOHN LANGO  
LEWIS LINSON  
CLEVE MOLER

KIRK POLSON  
DAVE SINGMASTER  
DOUG SHAKEL  
DAVE SPENCER  
PHIL THATCHER  
DICK VAN KIRK  
JOHN WALSH  
JIM WEAVER  
JIM WILKINSON  
GARY ZIMMERMAN

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CHUCK SLOCUM  
AL WHITSETT

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DAVE NISSEN

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AL HALES  
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TOM MORTON  
LUIS BAEZ-DUARTE  
DAVE HANDEL  
BOB DEVERILL

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VINCE MARINO  
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RAY DIRZI

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KEITH MATTHEWS  
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FRANK ALBINI  
JOE FINEMAN  
MAX OESCHGER  
PHIL THATCHER

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DAVE BREGMAN  
HUNG CHENG

GLENN CONVERSE  
RALPH CROSS  
GEORGE DAVISON  
DAVE DRUMMOND  
LARRY ELMORE  
JOE FINEMAN  
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RON GATTERDAM  
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STU GOFF  
BILL GRAHAM  
JOEL GREENBERG  
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AL HALES  
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DEWITT LANDIS  
BOB LANGE  
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BOB LUSHENE  
PETER MAYER  
MIKE MILDER  
BOB NASON  
MEL NEVILLE  
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WALT PELTON  
MIKE PETERS  
BOB PISINA  
KIRK POLSON  
MAC POOR  
DWAIN REED  
DON REITERMAN  
DAVE RESNIK  
JOHN RIX  
PETE RONY  
DAN ROSS  
SID ROTH  
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DENNIS SUSTARE  
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PHIL THATCHER  
LOU TOTH  
MIKE TURNER  
BRUCE ULRICH  
KEN WATSON  
BOB WAX  
HOWARD WEISBERG  
MARTY WOLFF  
JOHN WRIGHT  
CLYDE ZAIDENS

*Houses*









Don Stern

# Blacker



Tom Jovin, Bill Kern, Gus Axelrod, Bob Johnstone, Don Stern, Stu Goff, Ken Dinwiddie, Al Hales, Max Oeschger, Walt Johnson.

## PASADENA, SEPTEMBER, 1957

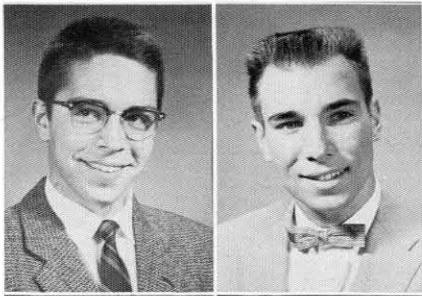
Overheard at a meeting of the local chapter of the D.A.R., one irate and elderly matron to her comrades grouped about the cocktail table: "Yes, I daresay I've been both understanding and complacent in my attitudes toward Caltech, having tolerated all those things you nice ladies have found so noisome. Nevertheless, I too have found it terribly difficult to endure such disastrous occurrences as: those Stalinists, a Democratic faculty, that awful report on drinking submitted to us by the San Marino Women's Club and of course, Wagner's **Ride of the Valkyries**. However, my tolerance has finally reached its limit. Since when has Caltech permitted 'Poor White Trash' to enter its student body? It's ruining the fair name of Pasadena. Ladies, I must demand an explanation!"

Obviously, our outspoken neighbor had not been informed, for if she had, she would have realized that Tech's Poor White Trash were merely Blacker's neoteric freshmen undergoing the rigors of initiation and commencing what has been one of Blacker's most outstanding years. Under the ever present whips of our three pledge masters, Carpet Bagger Ulysses S. Bell, Overseer J. Stonewall Kelly and Li'l Nell Ma'am, the hilarious job of coercing these freshmen into wearing straw hats, clutching a corncob pipe in their teeth and attempting to

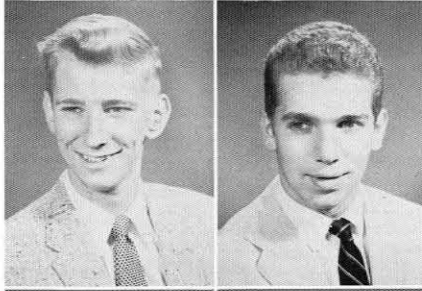
drown Ricketts House under a barrage of multi-colored water balloons was achieved.

This year's lounge run, which traditionally brings the informal initiation to a close, found the frosh with an able leader, our new Resident Associate Ric Nordlander. Although everyone eventually wound up in the Vatican Showers, Ric, keeping at least nine upper classmen busy, was the last to go. In Ric we have found a talented jazz pianist, scholar, basketball player, cook, and just about anything you can name, and it is his being "a part of the gang" that has enabled Ric to become the most popular R.A. in years.

The clouds of Interhouse preparations followed closely on the heels of initiation and by the time the frosh were just about adjusted to Tech life, they were confronted with the job of helping build the most spectacular Interhouse Tech has ever seen. Under the tutelage of Al Whitsett, there arose from the red clay bricks a giant edifice, sixty feet in length, lying diagonally across the courtyard and people soon began to notice the form of a ship being molded from the wealth of material laboriously hauled in from all over Pasadena. With the help of Chuck Slocum, Reed Saunders and "mountain goat" Hugh Kieffer, the main mast of this threemaster rose forty feet into the air. More than a mile of rope went



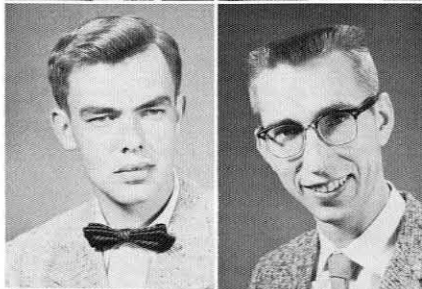
Ken Adams  
Eric Adelberger



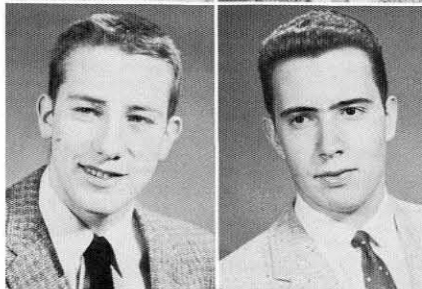
Ron Arps  
Gus Axelrod



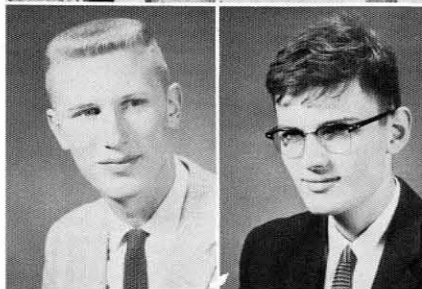
Wally Baer  
Al Berg



Neville Black  
Bob Blakely



Roger Bland  
Don Bobb



Pat Burns  
Clark Carroll



Dave Cassel  
Forrest Cleveland

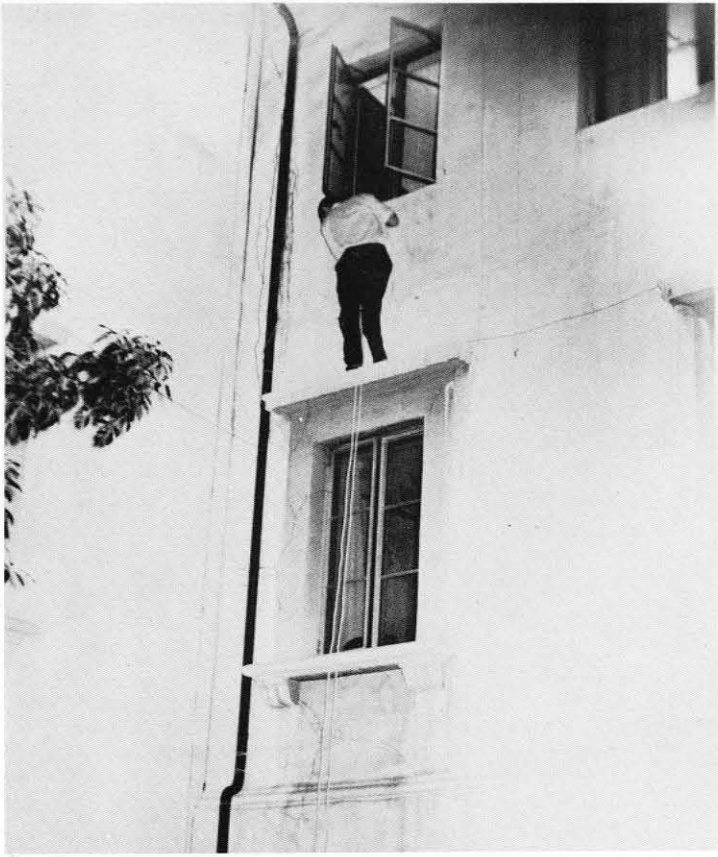
into the painstakingly constructed rigging which, together with a last minute paint job, revealed a majestic Seventeenth Century Pirate ship residing in the courtyard. In the meantime, under the discerning eyes of our three social chairmen, Stu Goff, Walt Johnson and Ken Dinwiddie, the remainder of our "Treasure Island" was being constructed. Hal Noltmier demonstrated the usefulness of a Tech geology education by creating an imposing array of cliffs, a sandy beach and a rocky coastline for the ship to nestle in. No treasure island would be complete however, without a warm English Inn to host its visitors, so Jack Conway and Ger Lawrence supervising the structure's interior, and Max Oeschger, Tom Jovin and Mike Talcott managing the Inn's exterior supplied us with one. Plenty of room was allowed in which to dance to the slow jazz of Murray McEachron, Capitol recording star, and then to imbibe the keg-encased grog which somehow still tasted like apple cider. The outer walls, constructed only after a convivial all night race against time (during which songs from Gilbert and Sullivan could be heard all the way to Throop) were of simulated stone topped off by a massive roof front and dark blue backdrop which effectively hid Hell Alley from view.

Finally the sun set on our last minute preparations for the dance and water, in which to float our graceful pirate schooner, slowly flooded the courtyard. Resting from their labors, tired Blacker men realized again a sense of camaraderie and satisfaction that is inherent in creating the greatest Interhouse ever.

Blacker's idea of athletics for their own enjoyment had again proved successful as the house at present is second in the interhouse standings under the able leadership of co-athletic managers Bill Kern and Al Hales. Firsts were taken in volleyball and cross country with good showings being made in the other sports. Tom Keil and Reed Saunders supplied the impetus to the cross-country squad and Al Hales was the power behind the volleyball team. Our strong football and basketball teams promise a close race for the interhouse trophy during the remainder of the year. The discobulus however, is on the Blacker mantle for the second time this year, at present having been taken from Dabney in a thrilling volleyball game. Within Blacker's own walls, impromptu inter-alley volleyball has provided us with a good means of "letting off steam" and has resulted with the Pub resting atop the ladder.

Although the Interhouse was the highlight of the social season, Blacker's social triumvirate provided the house with one of the fullest and most varied programs it has ever seen. Among some of the more outstanding events was the Doc's Party with our first R.A. Doc Eagle-son presiding as only he can. Aside from the weird tales he related, we were introduced to an original and unique indoor game called the **Rape of the Sabine Women**; an unforgettable experience! Second term's Snow Party, another success, introduced us to the epicurian talents of Prexy Don Stern's fiancée Roxanne Bloom, and provided us with a carefree weekend in sunny California's rain-soaked mountains. Off campus parties, always in great demand, were both wet and plentiful, and the success of two informal parties with Dabney demonstrated the merits of interhouse social events. Tech's annual Interhouse Sing, which is a more formal event, saw Blacker rise from fourth to second place under the relaxed and talented leadership of Bob Johnstone, a good indication that Blacker's spirit of working together and winning together is running high.

New blood has revitalized the Blacker Church this year and has brought about a reconfirmation of faith in

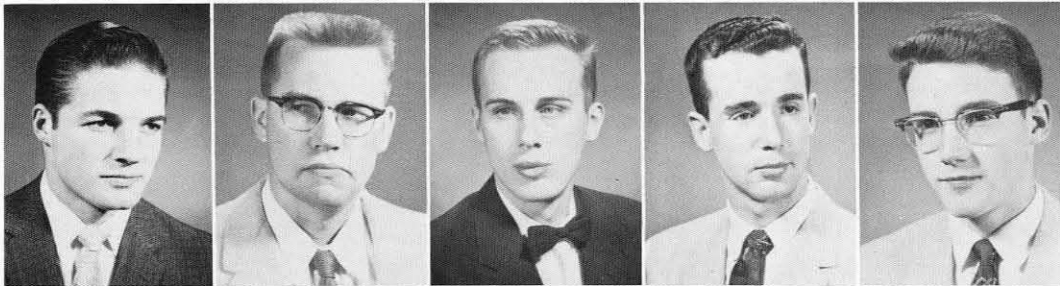


its gospel. Dave Kubrin, the symbol of American youth, was elected Pope, taking over from acting Pope Ger "the Ber" Lawrence who left Tech in the typical grand style, Jan "the volunteer" Rampacek was unanimously elected Keeper of the Cans to aid our pontiff in his day to day activities and "small tasks." These two, working closely with the college of cardinals, should be capable of raising the moral standard of the house to a new high. Jerry Pjerrou and "his fastest gun in the West" gives the dining room an aura of charm and puts him high on the list for sainthood.

ASCIT elections rolled by with the usual speeches, gaudy posters and that infamous election rally at which all the candidates had a chance to show their dramatic ability; house President Don Stern entertaining the gathering by flashlight when a "power failure" occurred. The election returns showed Blacker's Bob Thompson in the position of Activities Chairman, Ken Dinwiddie taking over the ASCIT social chairmanship and Tom Jovin stepping into the job of ASCIT secretary.

House elections were well fought with a high degree of interest matching the interest Blacker has shown in campus activities. Gus Akselrod replaced the very capable Don Stern as House President and Walt Johnson was named Vice-President, taking over from Bob Johnstone. Ken Adams will be the new treasurer and Clyde Zaidins is to be the new House secretary. House Athletics will be the department of Jerry Hansen and Social functions will be run by the team of Roy Currence, Lee Hood and Randy Schmus. Bob Junkin was elected Librarian to round off the slate of officers. The leadership selected by the house is of a high calibre and another

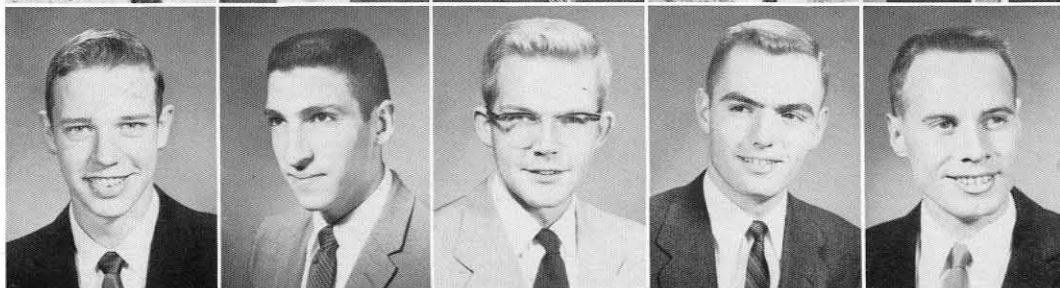
John Conover  
Jack Conway  
Dick Cowley  
Roy Currence  
George Davison

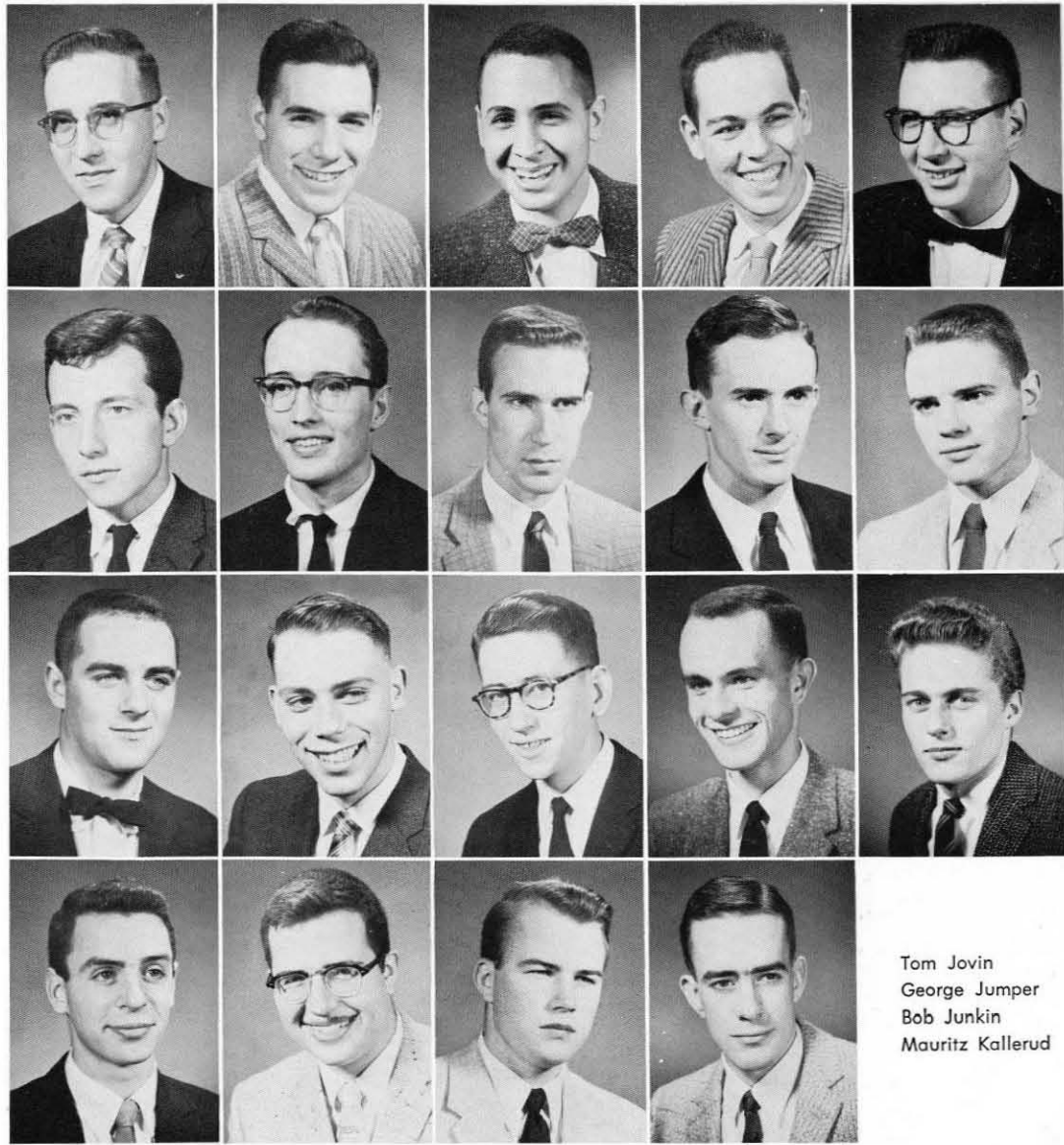


Ken Dinwiddie  
Dave Drummond  
Howie Egeth  
Larry Elmore  
Jim Espenson



Don Fahnline  
Barry Feinberg  
Darrell Fleischman  
Kent Frewing  
Jerry Fried



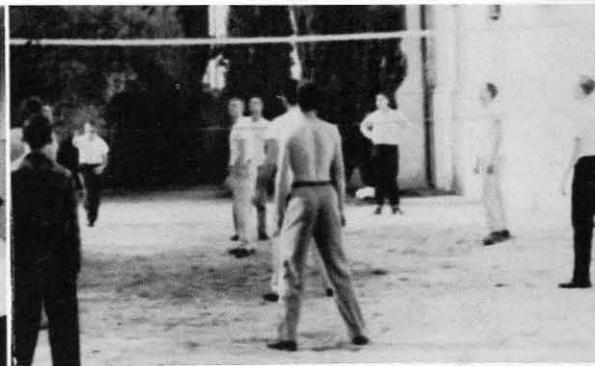


Hap Gier  
 Sheldon Glasser  
 Gordon Glattenburg  
 Dave Goff  
 Stu Goff

Gary Hachtel  
 Al Hales  
 Dave Handel  
 Jerry Hansen  
 Lee Hood

Dan Horowitz  
 Ty Jacobson  
 Dave Jefferson  
 Walt Johnson  
 Bob Johnstone

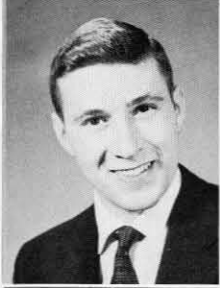
Tom Jovin  
 George Jumper  
 Bob Junkin  
 Mauritz Kallerud



# Blacker



Jerry Kasper



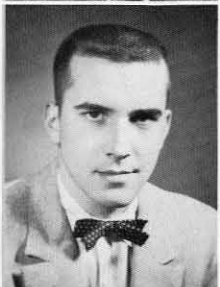
Jerry Keisler  
Jon Kelly



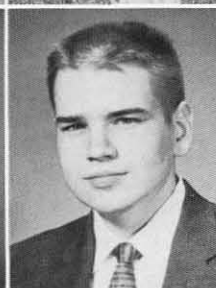
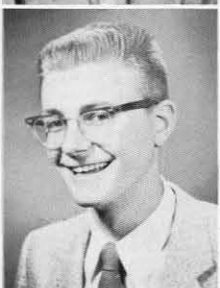
Bill Kern  
Hugh Kieffer  
Dick Krueger



Dave Kubrin  
Gerald Lawrence  
Rick Lindman  
Roy Makino



Bill Mock  
Dan Morrow  
Tom Morton  
Bob Nason  
Ken Nelson



Chuck Neuman  
Dick Norman  
Max Oeschger  
Jerry Parker  
Bob Pisani  
Jerry Pjerrou



Lanny Purnell

Jan Rampacek

Dwain Reed

Don Reiterman

Mike Rusin

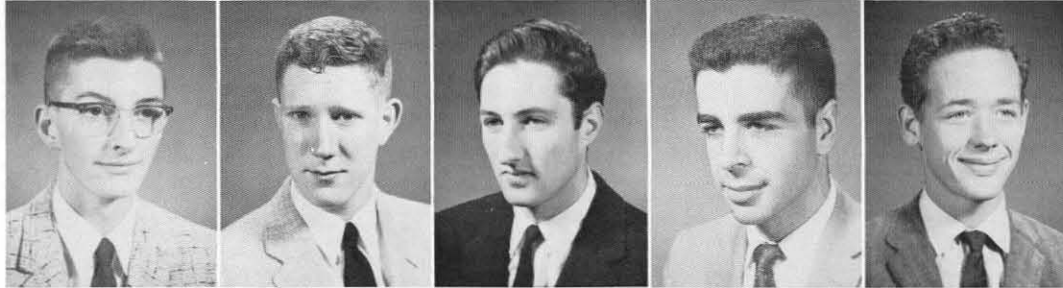
Reed Saunders

Charles Schelke

Randy Schmus  
Ken Scholtz  
Steve Schwartz  
Bill Smith  
John Stack



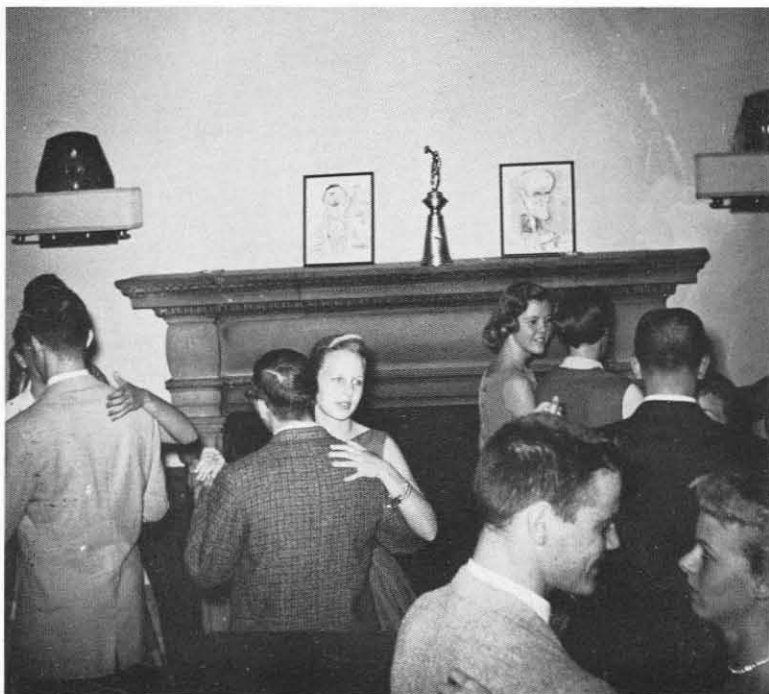
Lewis Stansby  
John Steelquist  
Don Stern  
Chuck Stone  
Dennis Sustare



Mike Talcott  
Dave Teal  
Bob Thompson  
Mike Thomson  
Gary Tibbetts



Gary Walla  
Read Warriner  
Al Whitsett  
Clyde Zaidins  
Dave Zimmerman



top flight year of development is expected.

Over the past year, Blacker has been anything but passive in school affairs with a substantial representation in the various campus organizations. For example, this year's Drama Club production of "It Remains to Be Seen" has Blacker men John Conover and Ken Dinwiddie playing the male leads with Tom Jovin, Stu Goff and Mike Talcott in minor roles. Bob Thompson is heading the backstage crew in this production. The Caltech Y.M.C.A., fount of Tech cultural life, has a predominantly Blacker membership with Bob Blandford as President, Al Carlin Vice-President, Tom Morton as National Representative and Dave Cassel Publicity Manager. The Big T has been headed by another Blacker man Reed Saunders, and the Instituters, by Bill Kern. It is unnecessary to continue on down the list of organizations, for it is a well known fact that Blacker men and campus leaders are synonymous.

It is this sense of activity and productiveness that has distinguished Blacker throughout the past year. The spirit that Blacker has shown has been one of fun in performing the tasks of maturing and learning to live in harmony within a group of diverse individuals. Blacker has attained this spirit in 1958, a spirit which motivated more than one sage house senior to remark, "This has truly been Blacker's greatest year."

—Mike Talcott

# Dabney

John Kleiderer



Dennis Paull, Sol de Picciotto, Mike Levine, Bob Lange, Louis Toth, John Kleiderer, Terry Teigen, Dave Lange, George Logemann, Doug Shakel, Doug Christman, Bud Penquite.

The men of Dabney started the year with anticipation, looking forward to living another year in the friendly atmosphere characteristic of this small congenial group. Well known for their unity and enthusiastic spirit in all activities, Dabney men contribute heavily to the vitality of Caltech life.

The year began with a highly successful rotation which saw a fine group of freshmen become a part of the house and join the upperclassmen in the merry pursuit of happiness in its varied forms.

House President John Kleiderer headed the Executive Committee whose able direction helped make the year an enjoyable one. "Kleid's" able leadership on the Executive committee has added materially to the unity and spirit of the house and has helped make this another outstanding year in house history. John was ably assisted by Vice-President Dave Lange, who greatly extended the dinner guest program and took a leading role in the Interhouse Committee. Secretary Doug Shakel authored bigger and better "perfect" House lists. Treasurer Bud Penquite performed the miraculous feat of keeping the House financially solvent despite the best efforts of Social Chairmen Bob Lange and Sol de Picciotto to spend all the available cash on the Social Program. Also serving the House were Historian Dennis Paull and Librarian

Mike Levine. As Comptroller, Lou Toth directed his crew of waiters and bar-tenders to new triumphs of refreshment.

The beginning of the year found John Cooper and his initiating cohorts introducing the frosh to pirate life, during an initiation week which was ended by a traditional "red riot."

Bob Lange and Sol de Picciotto were the creators of a social program which was particularly outstanding. The first big event of the year was of course the Interhouse Dance. In accord with Dabney's theme, "Intoxication," the courtyard featured a giant waiter's tray complete with a dance floor and a champagne bucket and glass. Naturally a lively pink elephant surveyed the whole scene paying special attention to any lovely females who happened to be attired in white. The lounge was entered through a key hole which opened onto a street scene which contained leather paneled walls, a brightly colored ceiling and a beautiful view of a far away city. An added feature of this spectacular affair was the miraculous manner in which the members of the house pitched in to clean up the usual post-Interhouse mess in record time.

The characteristic feature of Dabney social life was, of course, the traditional Party-Party, whose atmosphere

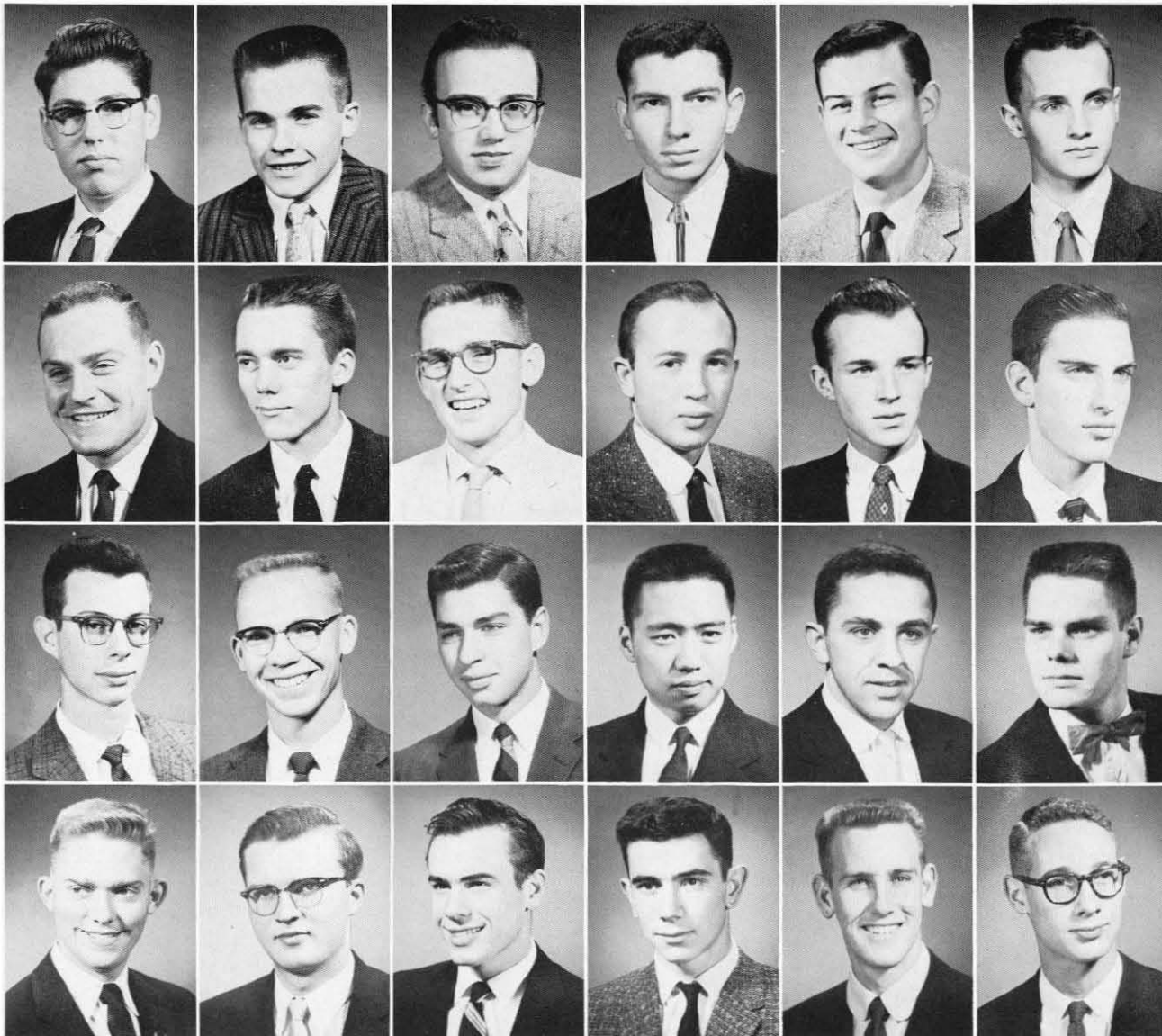


of mature fun is the keynote of Dabney social tradition. Adding variety to the program were events such as the spectacular "Sahra," the Snow party, and Momarte Y'all. Socially this year has been one of the best in Dabney history and has given us good reason to believe that we have the best social program on campus.

Dabney men do not limit their activity to social life, however. Active participation in every phase of college life is characteristic of Dabney. An outstanding example of this is the inter-alley competition for the Jim Coe Memorial Trophy. This year the competition has featured contests in tiddly-winks, "the decathlon," yo-yoing, crew racing with goldfish in each mug, "smooge," jigsaw puzzle making, and jousting.

The Auerbach Trophy, which is the object of spirited athletic competition between the classes, provides a basis for more orthodox athletic contests. The Sophomores built up a commanding lead (although losing Sundays) which is slowly being whittled by the Juniors.

Dabney also participates actively on the inter-house level. Our "lady" (the Interhouse Athletic trophy) has graced the mantel-piece this year and Dabney is making every effort to keep her there next year. The Crew Trophy has become almost a permanent possession of Dabney,



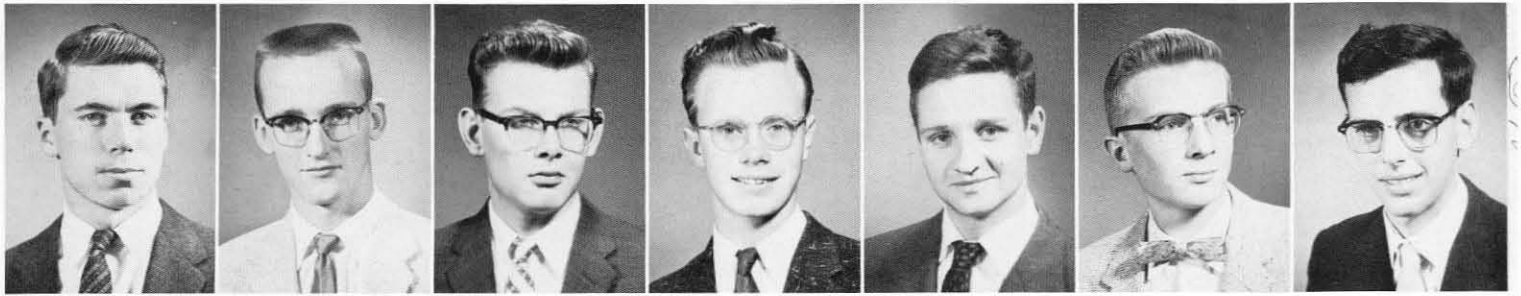
John Baker  
John Bard  
Dick Barnes  
Jack Bass  
Bill Bauer  
Bill Benisek

Larry Berry  
Tom Bjorkland  
Dave Blakemore  
Mike Bogost  
Pedro Bolsoitis  
Larry Brown

Shelby Brumelle  
Dave Butterfield  
Martin Carnoy  
Berken Chang  
Doug Christman  
Martin Conneally

John Cooper  
Delman Curtis  
Neal DeGaston  
Sol DePicciotto  
Joel Donnelly  
Dick Drew





John Erskine

Al Forsythe

Mike Fowler

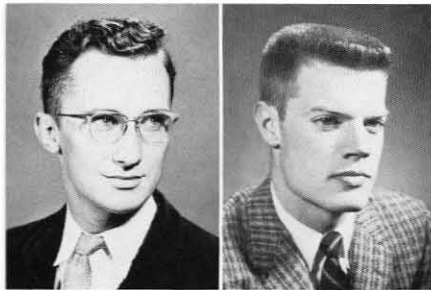
Pete Gardner

Joel Greenberg

Dennis Hamilton

Steve Hechler

Phil Helman  
Par Henry



Dick Hitt  
Tony Howell



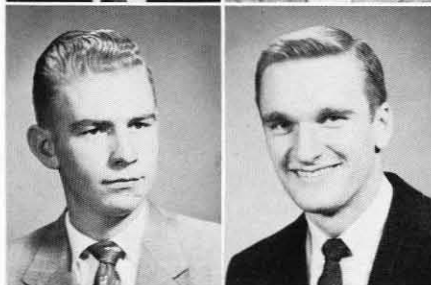
Tony Iorillo  
Mike Jenkins



Dick Johnson  
Harry Johnson



Bill Jones  
Joe Jurca



whose thirty-second crew teams dominate the competition. This year Dabney has been an active competitor for the Discobolus. In the Interhouse Sing the spirit and unity of the house was demonstrated when 80 of 87 house members participated.

Dabney men are active on the campus scene. Dabney was well represented on the ASCIT Board of Directors by ASCIT President "smiling" Dick Kirk. Publicity Manager Bill McClure, Athletic Manager Russ Pitzer, and Rally Commissioner Don Owings were other house members on the BOD. Head Yell Leader John Bard did a fine job and helped to revive the pajamarino. Andy Perga was the only undergraduate excluding ASCIT officers and house Presidents to be awarded an Honor Key for his participation in campus affairs — member of the Educational Policies Committee and the Board of Control and Student's Day Chairman.

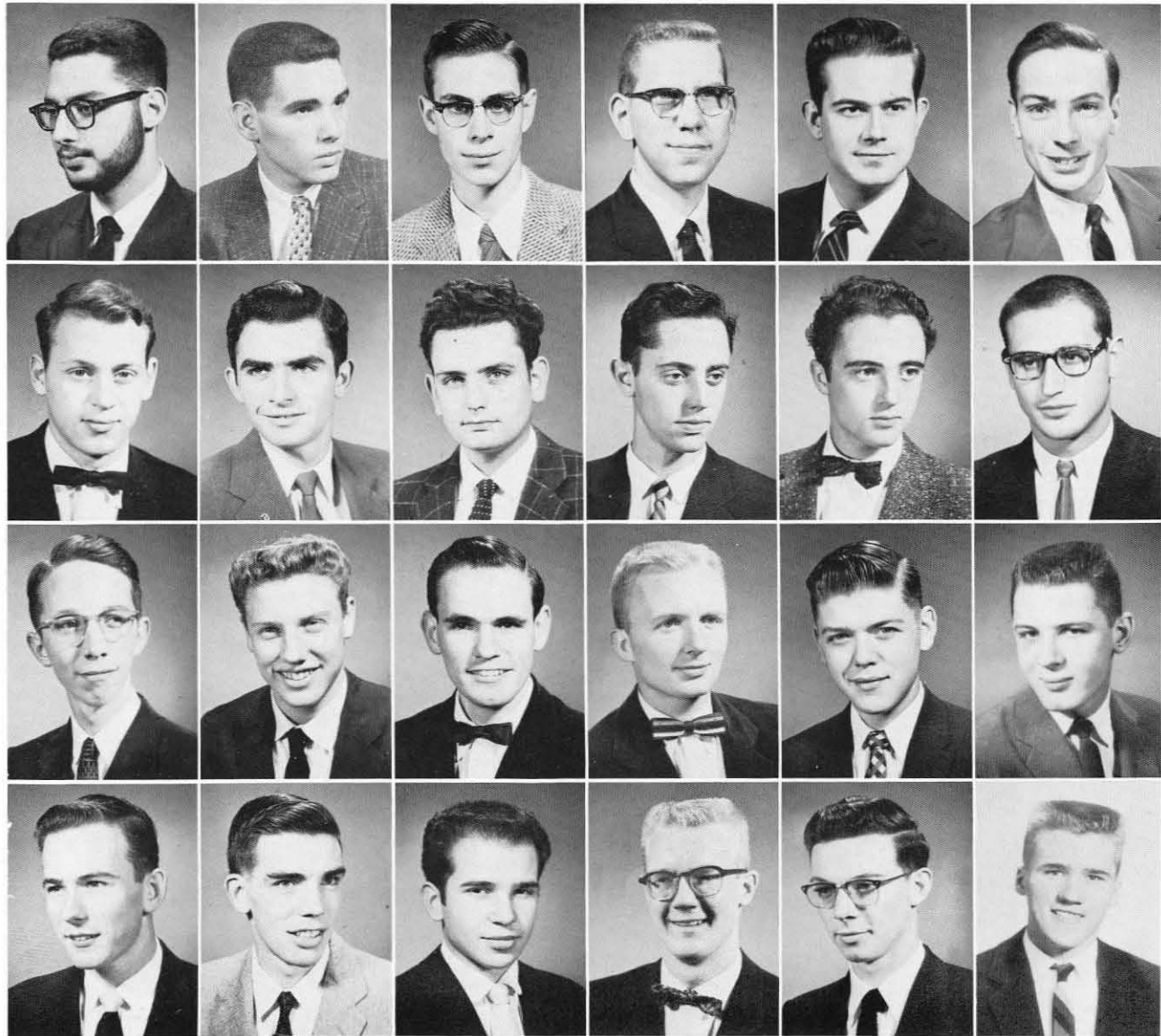
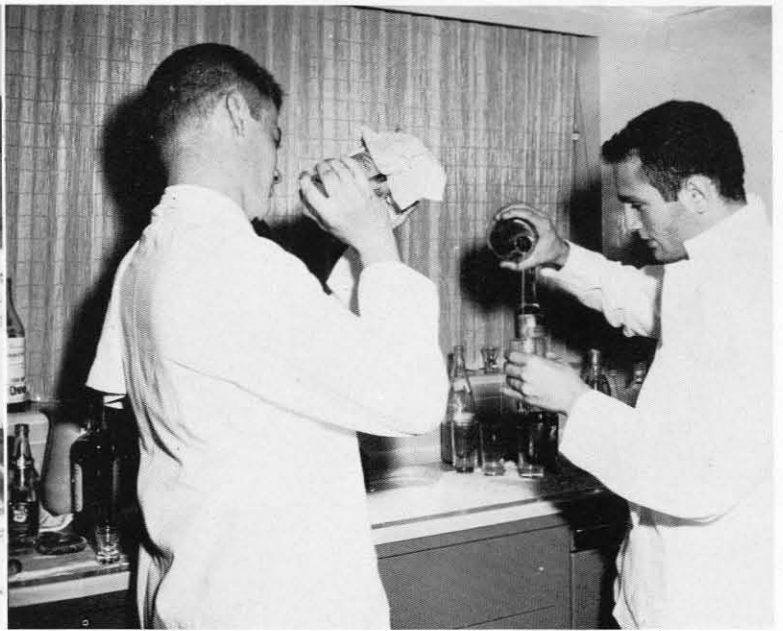
Caltech's varsity athletic teams also found Dabney men playing a large part in their successes. Larry Berry won All-Conference honors at tackle on the most successful Tech football team in years. Fred (just keep shootin') Newman was the leading scorer in the conference during the basketball season and won All-Conference recognition at guard. Dabney men were members of almost every varsity squad and played a large part in Tech's athletic life this year.

Dabney men were active in the Glee Club and the Band with Al Forsythe serving as the student manager of the Caltech Band. In the field of publications, Dennis Kuli and Lew Linson were Big T business managers. John Lango, and Bill Bauer served as Y officers.

During the early part of second term the freshmen suddenly came to life in a spectacular manner. Pledgemaster John Cooper disappeared one bright morning and returned later in the day from a brief but expensive stay in Las Vegas.

A small scale rotation in mid-second term saw five new men welcomed into the house.

This year's house elections provided the Dabney men with an opportunity to look back at the past year and contemplate ways of making the next year even better. The bull sessions and campaign speeches prompted a lot of serious thinking about the basic aims and purposes of the house.

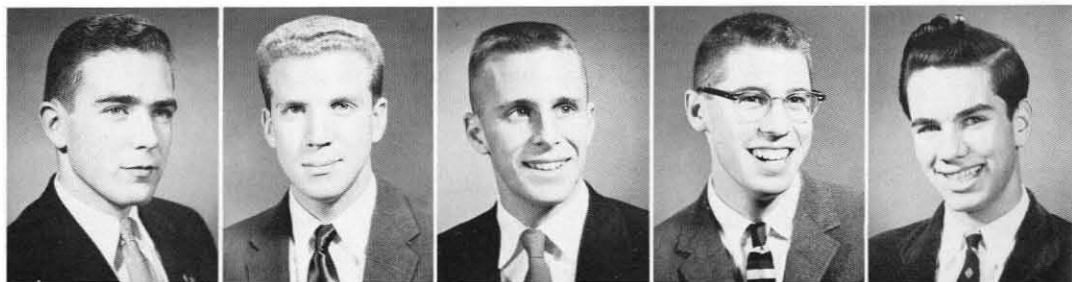


Lloyd Kamins  
 Martin Kaplan  
 Martin Kellog  
 Dave Kendle  
 Dick Kirk  
 John Kleiderer

Wayne Kreger  
 Dennis Kuli  
 Dave Long  
 Bob Lange  
 John Largo  
 Bob Leboritz

Mike Levine  
 Lanny Lewyn  
 George Lindsay  
 Lewis Linson  
 John Lohman  
 John Long

Dave Luenberger  
 Al Lyon  
 Ray Magdaleno  
 Bill McClure  
 Don Miller  
 Jim Blackman



Oliver Seely  
 Doug Shakel  
 Larry Shampine  
 Jerry Siegel  
 Leroy Sievers  
 John Smith



Pete Smith  
 Harry Spertus  
 John Stenbit  
 San Suitt  
 Terry Tiegen  
 Lou Toth



Dave Turner  
 John VanDyke  
 Christ Valline  
 Paul Widess  
 Don Wilson

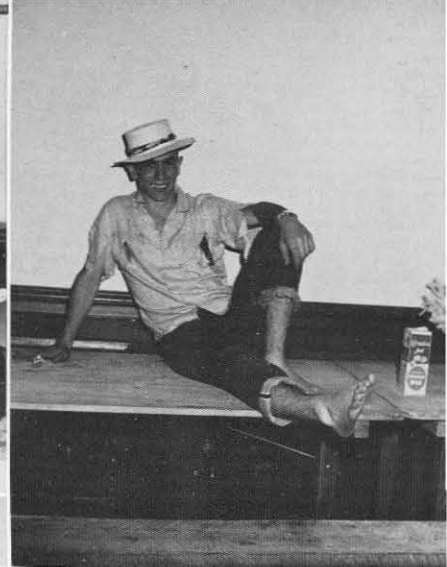
Dave Mitchell  
 Cameron Mosher  
 John Munson  
 Don Owings  
 Dennis Paull

Bud Penquite  
 Andy Perga  
 Mike Peters  
 Russ Pitzer  
 Sid Roth  
 Bob Schenter  
 Ralph Schinnerer

# Dabney

The election was closely contested, and when it was over the house had chosen a new group of leaders. Dennis Kuli was chosen President and Dick Johnson was named Executive Vice-President. Martin Carnoy and Lou Toth were elected Co-Social and Vice-Presidents. Dave Butterfield was elected Secretary, and Sid Roth was elected Treasurer. Historian Doug Shakel, Librarian Joel Donnelly, and Comptroller Pat Henry were also elected to the Executive Committee. Athletic Managers Larry Long and John Munson will lead our athletic teams in the third term drive to retain the InterHouse trophy.

The spirit and unity of the house has been evident throughout the year, and the men of Dabney can look back at it with pride. They look to the future hoping that the next year will be as rewarding as the past one.





Mike Konrad

## Fleming



Alan Emanuel, Kirk Polson, Peter Mayer, Mike Konrad, Bill Graham, Joe Fineman, Mac Poor, Gary Zimmerman, Nick Grossman.

Last year, like any other, was a great year for Fleming House. From the first beach party in September to the last water fight in June the men of Fleming had a great time.

September rolled around and Fleming House got back together, seeing new faces and reminiscing with old friends. The first outstanding event of the year was a party to celebrate John Harding's Ph.D. John, our RA, was duly cleansed of his many sins and, although dripping wet, managed to host a memorable party. Fleming found its Executive Committee shy two men, who went down the lonesome trail, but Mike Konrad nevertheless did a memorable job of co-ordinating the actions of the House.

No matter how great the other events of the year may have been, the most highly anticipated one was the Olympiad. No one will ever forget that fine Sunday when almost every man in the House appeared in Tournament Park to participate in the fun and games. After a delightful luncheon, and the swimming and games of the afternoon, everyone retired to the picnic grounds, where loud songs poured forth from well lubricated throats far into the night.

Bill Graham and his newly formed social committee found plenty of work to do when the Interhouse Dance came up, for the theme, Coleridge's *Kubla Khan*, offered many possibilities. Karl Knapp turned the lounge into a Pleasure Palace, but Dave Eberhardt almost turned it into a swimming pool with his fountain. The courtyard would have made a good mob scene, with the traditional "cast of thousands," as Dave Meese and his Hod Carriers Union transformed it into a flowing river with

only four tons of sand and cement. Bob Pailthorpe and Ralph Cross, the hydraulics engineers, used inestimable quantities of pipes and pumps making a geyser which poured forth everywhere and on everyone. For a while we thought that radiation had finally caused mutants, but eventually discovered that it was only Allesina, Tebben, Dietz, Thacher, and Emmanuel, who had completely covered themselves with paper mache while creating an Ice Cave in the Fleming-Dabney tunnel. It was great.

As soon as the Interhouse Dance was over and gone, it was deemed to be time for the annual re-appearance of the 69th Gospel Church. Lead by Father Divine, Nick Grossman, and Father Confessor, Bob Smoak, the Church checked into the activities of the other members of the house very thoroughly. It was decided that although the many girls the social chairman had brought had caused a great deal of sin, there was still hope that the House might be pure and clean.

One of the most pleasant events of first term was the annual Interhouse swimming meet. Over ninety Fleming men were at the meet, lined up along one side of the pool. With a solid cheering section in black coats, with the traditional red, blue, and gold emblems, Fleming's team couldn't avoid winning easily.

As was expected, this year saw a new Quadruple Alliance, consisting of Allesina, Hughes, Pailthorpe, and Polson. Everyone was surprised that it lasted as long as it did, and there were no casualties until second term, when Polson was replaced by Howard Wiesberg, a man with somewhat more stable grades.

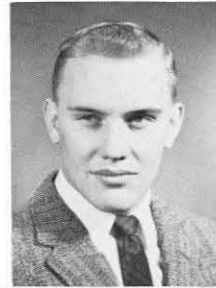
When any of the men in the House found themselves



Bruce Allesina



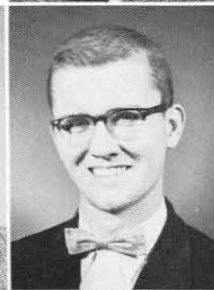
Gene Beisman  
Gordon Brown



Keith Brown  
Nelson Byrne  
Glenn Converse

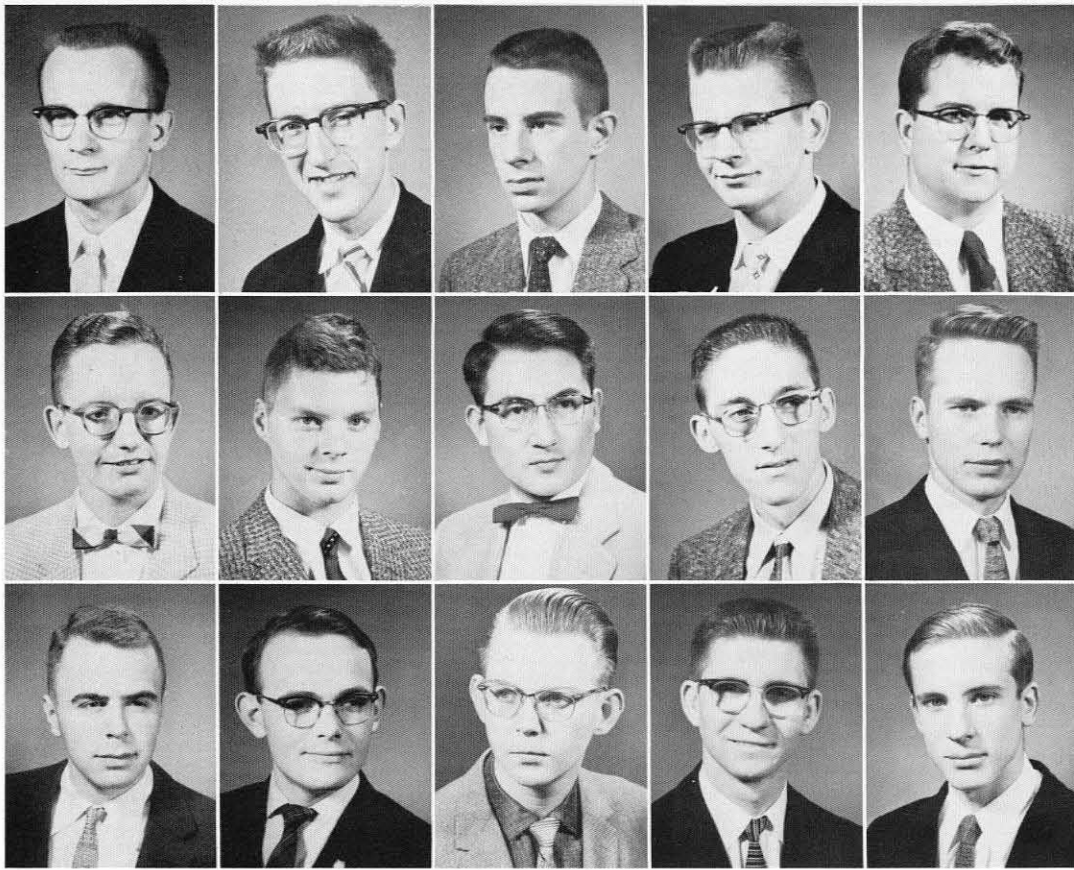


Ralph Cross  
Richard Dietz  
Al Emanuel  
Steve Emanuel



Al Fiddler  
Joe Fineman  
Arnold Goldford  
Carl Gottscholl  
Bill Graham

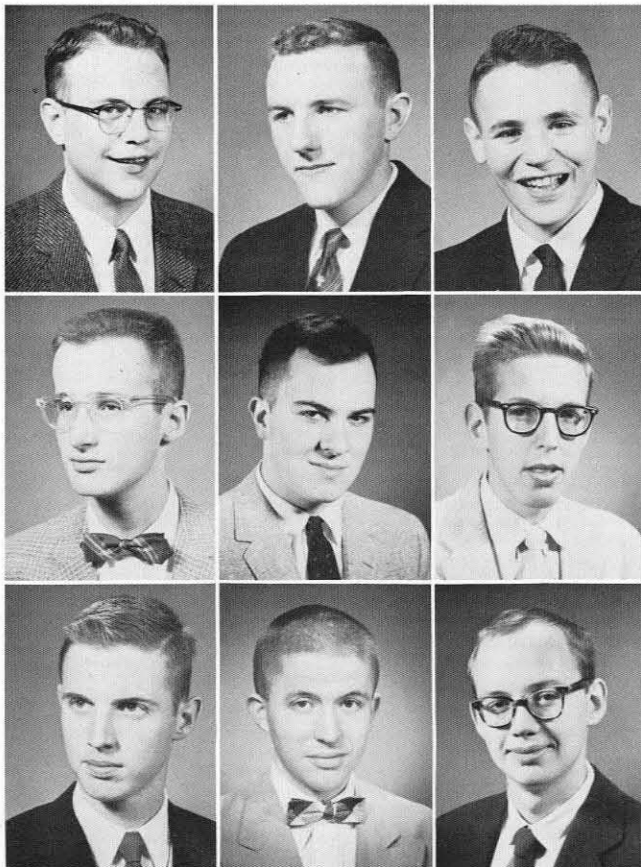




Tom Gunckel  
 Mike Hanley  
 Tucker Hathorn  
 Dick Herlein  
 George Homer

Tom Hooton  
 John Hord  
 Harvey Hoviuchi  
 Bob Jewett  
 Jerry Johnston

Larry Jones  
 Doug Jung  
 Malcolm Kinter  
 Dave Kipping  
 Mike Konrad



DeWitt Landis  
 Bob Long  
 Doug McLane

Ron Fowler  
 Hayden Macurda  
 Paul Minning

Milton Lindner  
 Peter Mayer  
 Dick Montgomery



with time to waste on the lighter things of life there was ample opportunity provided. One of the real surprises was when Dick Fiddler was awarded the golden Apollo Trophy, an award given annually to the senior with the lowest center of gravity. The Austen Trophy, better known as the Brass Spittoon, was the center of many long and glorious fights, some of the most outstanding being: the Ice Melting Contest in the steam tunnels, and the Chocolate Pudding Contest. Most hotly contested of all the trophies, though, was the Golden Goose. The contest for it seems to have been reduced to a fight between Dick Dietz and Al Emmanuel, who entertained us greatly with their stories about dates with a soccer and a football, respectively. The total outcome of the situation seems to be that Dick and Al have formed the "Twin Pines Social and Athletic Club."

By the time second term came along everyone had recovered from the Interhouse Dance, and was ready to go again. As if the first term hadn't been enough for any normal person, the social committee got together and planned another outstanding series of events. The Artist's Ball, at the home of Mssrs. Anthsultz and Janssen, turned out to be a real blast. The prize for the best costume was almost a tie between Landis' date and the man who came dressed as a policeman. The fellow in the uniform was disqualified when it was discovered that he really wasn't wearing a costume, but fortunately enough for everyone, he went away happy. Strangest event of the year was when Gordon Hughes was able to make an 800% return on his original investment at the traditional Casino Party; there were many shouts of "foul play," but no one was able to prove anything.

One of the most exciting events of second term was the annual ASCIT Charities drive, which Fleming won again. As winners of the drive, Fleming received the traditional steak dinner served by the faculty, with the entertainment which followed featuring Ken Clark and his Caltech Opera Company, with Dick Feynman on the Bongo drums. Fleming's continued outstanding performance in the Charities Drive surely proves that we are the best Con men on campus.

The power of attraction which food holds over Tech men was further demonstrated when the Fleming House social committee arranged a dinner exchange with Scripps to eat, while the rest was equally lucky to see the dining room graced by a number of Scripps girls. The exchange did wonders for the relations between Fleming and Scripps, if only because of our mercenary tendencies.

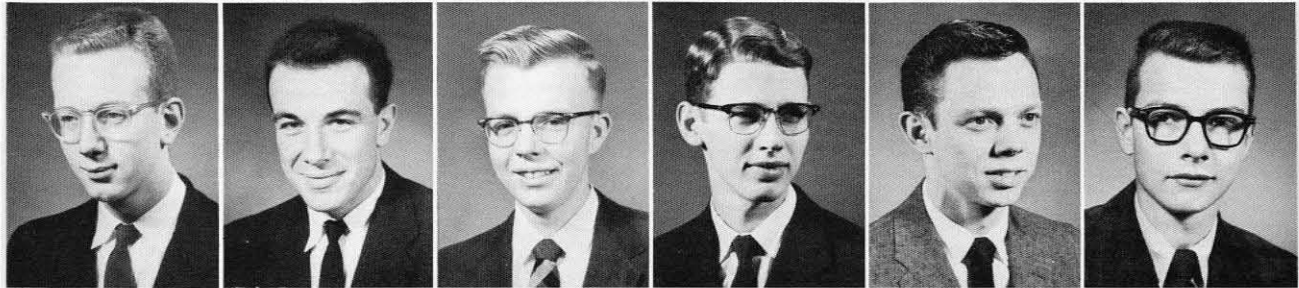
As second term developed, all sorts of new wonders arose. The seniors, as usual, discovered The Track, and managed to convert it into an H5 study Hall. Some of the Juniors discovered a place called the Unicorn, in Hollywood, and managed to spend a number of Monday evenings there. Continuing the usual insanity for Hi-Fi, an inestimable number of sophomores set up a Hi-Fi intercom. And during spring vacation, Bob Long said, "You may be stupid when you're a Freshman, but you're happy."

Toward the end of Second term elections came up again, both in the House and the Campus organizations. Dave Spencer emerged victorious in the race for ASCIT Business Manager, and Fleming hopes to retain the presidencies of the: Caltech YMCA, SAE, Physics Club,

Ken Muraoka  
Jim Neeland  
Mel Neville  
Ted Oakley  
George Oetzel  
Mike O'Malley



Bob Poilthorp  
Ron Parkinson  
Jim Perry  
Jim Petty  
Bob Phelon  
Kirk Polson



George Poor  
Lee Renger  
Dave Resnik  
Larry Rhodes  
Herbert Rill  
Neil Richardson



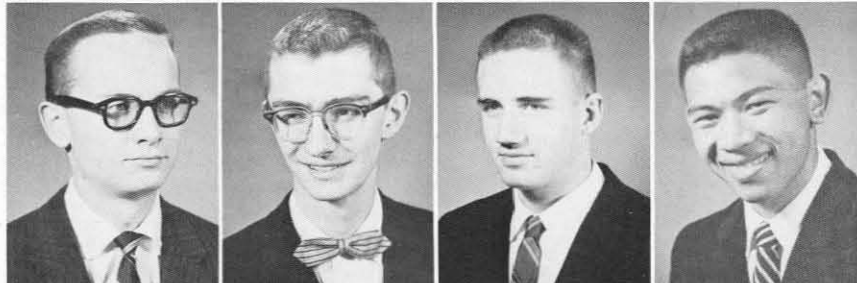
John Rix  
Art Rubin  
John Russ  
Wes Shanks  
Larry Hoss  
Ken Muraoka



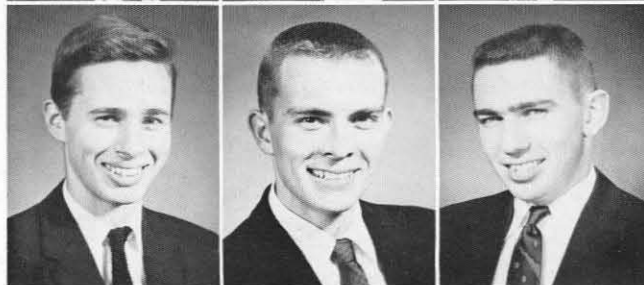




Tom Smith  
 Bob Smoak  
 Dave Spencer  
 Steve Stephens  
 John Stevens



Chuck Swallow  
 Keith Taylor  
 Tom Tebben  
 Larry Tenn



Phil Thacher  
 Martial Thieboux  
 Bob Tokheim



Mike Turner  
 Dave Turner

## *Fleming*



Jon Uncapher

Tau Beta Pi, Sailing Club, Radio Club, Glee Club, IRE, AIEE, WAEC, as well as the other offices which its men have been fortunate enough to hold. The House elections saw the advent of Kirk Polson as President, Dick Montgomery as Vice-President, Karl Knapp and Ralph Cross as Social Chairmen, Tom Tebben as Secretary, Nelson Byrne as Treasurer, Dave Meese and John Wright as Athletic Managers, and Larry Sloss as Librarian.

Third term is synonymous with spring, and as the old saying goes, "a young man's fancy turns to thoughts of love." With this thought in mind, the new social chairmen set up a number of droll social events. The Luau, at Dave Spencer's house, was a huge success, with food and drink enough for everyone. The Ricketts-Fleming Formal was excellent, as it always is, and any free time was taken up with such events as theater parties, off-campus parties, exchanges, a Barn Dance, and a Roaring Twenties Party. The most outstanding social event of third term though was the Lost Weekend. Many a Fleming man's room was brightened by the presence of a fair young lady, during Lost Weekend, and the dance, beach party, and other events seemed to fly by only too fast.

Toward the middle of third term Fleming Courtyard seemed to spring alive with oranges and water-balloons,

much to the dismay of Dabney and B&G. The spontaneous parties and the appearances of the Fleming House Cheering Squad at the Interhouse football games made time pass easier for everyone. One of the most delightful events of third term, as far as the underclassmen were concerned, was the traditional Senior Ditch Day. One naive senior was very confused when he found a bucket of water sitting in the middle of his floor, but was even more surprised when he poured it into the sink, and found that the sink had no drain pipe.

As soon as everyone had settled back into the old grind, it was decided that Fleming should descend upon Pershing Square. Once we had arrived, the action was started by Tucker Hathorn (recently departed), who made a soul-stirring speech on the wonders of Technocracy. By the time Tucker had finished convincing all the denisons of Los Angeles that Caltech should rule the world, the rest of our mob had descended on a Catholic layman who was avidly describing the wonders of the Holy Trinity. After the boys had tried for an hour to back the learned gentleman into a corner, they broke down and invited him to dinner at the house. The only bad outcome of the evening was that someone managed to convince John Trenholme that he might not be a male after all.

1957 was a great year for Fleming, it maintained its excellence in every field of endeavor, and a good time was had by all.

Jim Vicars  
Lance Wallace



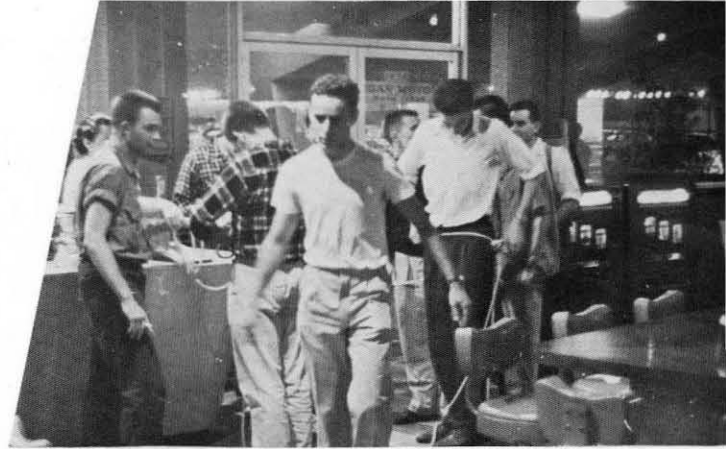
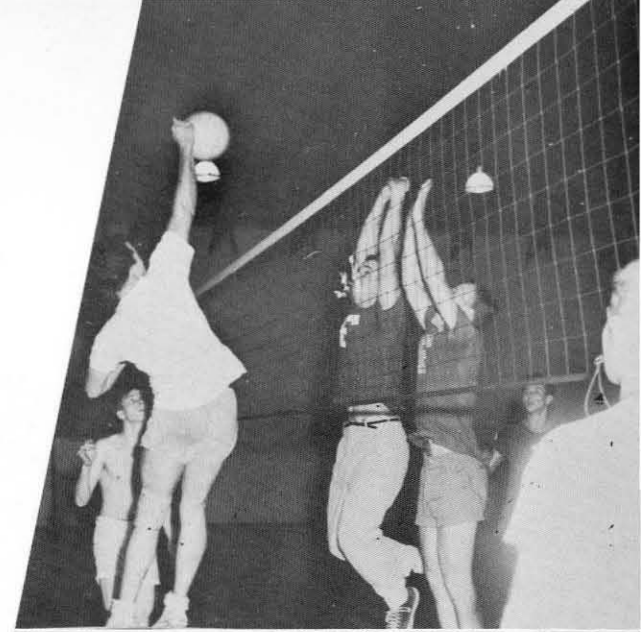
Jim Weaver  
Howard Weisberg



Gerald Wilhelmy  
John Wright



Gary Zimmerman



# Ricketts

Vince Taylor



Ford Holtzman, Frank Albini, Vince Taylor, Phil Reynolds, Dick Baron, Hugo Fischer, Dave Singmaster.

Scene: we are seated on top of Mount Olympus. To our immediate right is Zeus, and next to him sits Juno, Queen of the Gods. Zeus is in a foul mood.

Zeus: (Roar, thunder) Another Eon and nothing to do. I'm bored—bored! (Rumble, roar).

Juno: I have an idea . . .

Zeus: No, no, I'm tired of that. Something new I said. (He lisps a little lightning).

Juno: (offended) I was going to say, let's talk to humans again.

Zeus: Humans . . . hmm . . . humans! now there's a thought. Forgive me for misunderstanding you, dear. I tell you what—your choice this time.

Juno: (beaming) Oh thank you. I choose Caltech.

Zeus: Caltech! those damned satellite people! No!! (Boom, roar, thunder).

Juno: Remember—my choice, dear. Ricketts House, Caltech. They're such charming fellows.

Zeus: Oh well (grumble, rumble) O.K. I never will understand goddesses. (He picks up an old Blue Network microphone) NOW HEAR THIS. NOW HEAR THIS. APPEAR BEFORE ME AT THIS TIME, DOUBLE TIME, THE SCRIBE OF RICKETTS HOUSE.

Holtzman appears, clutching a half-spilled goblet of grape-juice. He is displeased at being interrupted.

Zeus: Well, my boy, what happened in old Ricketts House his year?

Holtzman (with his best sneer). Not a damn thing

happened and I'm not your boy.

Zeus: (aside to Juno) Who spiked his Ambrosia? (Boom, roar, rumble. Holtzman turns to stone and rolls down the mountain). NOW HEAR THIS, DOUBLE TIME, THE HEAD OF THE MARS AND MERCURY DEPARTMENT OF RICKETTS HOUSE.

Singmaster and Reynolds appear. Reynolds is a passable Mars, but somehow Singmaster doesn't do justice to Mercury.

Zeus: Tell me, what interesting happened in . . .

Singmaster: Well, I'll tell you. Last year we won the Discobolus trophy and we're ahead again this year. We've taken firsts in Interhouse track, tennis, and volleyball, and it looks like we've got that trophy cinched. Same for the varsity rating trophy. We've cooled elections and we'll probably get the Snake Trophy again. Our crew team hasn't been beaten, and we won the Interhouse Sing for . . .

Zeus: (ROAR, RUMBLE, BOOM). I have millions of trophies—trophies bigger than mountains I have Discobolus himself! I want to hear human interest stuff—the old buffola. Not this trophy bit. (Boom, roar). Reynolds turns to stone. Singmaster to something worse. Both roll off down the mountain).

Zeus: My patience has just about reached a limit!

Juno: Please, dear, you promised.

Zeus: Well . . . one more try. NOW HEAR THIS. NOW HEAR THIS, WILL THE HEAD MUCKY-MUCK OF RICKETTS

HOUSE APPEAR BEFORE ME NOW, THIS INSTANT. DOUBLE TIME, PRONTO.

Vince Taylor appears. He is coolly clad in a maroon, ivy-league toga, with a banana peel on his shoulder. He appears not at all disturbed by his sudden trip.

Zeus: (clearing his throat in an obvious attempt to be majestic). Speak now, O Taylor, on the wonders of Ricketts House. Louder and funnier than those who preceded you or . . .

Taylor: (not overwhelmed) Yes, I know. I was nearly hit by pieces of falling Singmaster on my way up. Well . . . lets see . . . the year began with the freshmen, so I'll start with them too. We got a neat group of guys this year. For instance, Casey, the Hawaiian sideburns boy. Obviously never did anything in his life but play with a guitar and chase women (or vice versa). There's Leibovich, the Chicago Moslem, and 14-letters-in-a-day Callaway (he wound up in the showers for that). And smilin' Tom Tisch, ASCIT Rep now, Must'nt forget 'lop-sided grin" Forest, the clean-cut, all-American screw-off. He and his roommate stacked Dick Long out of his room 105 times last year. A new record. And there's Todoroff and Duncan and Hood Weaver. Weaver's an amazing fellow. He can jump twelve feet high only using a stick, and he's got a girl friend named Starr, who's quite a doll. Oh yeh, how about Rusty Marr, and Dirty Dick Jones, House Birthday, and . . .

Zeus: you can skip the listing service. I want some more dirt. (grumble, rumble).

Taylor: hmmm . . . Well there's Buffum. No, I'd better not tell you about Buffum. Cleve Moler! I nearly forgot old Wrong-Way Moler, the only man ever to challenge the wrong house for sundaes. He's got a high G.P.A. so we let him off the grounds of temporary stupidity.

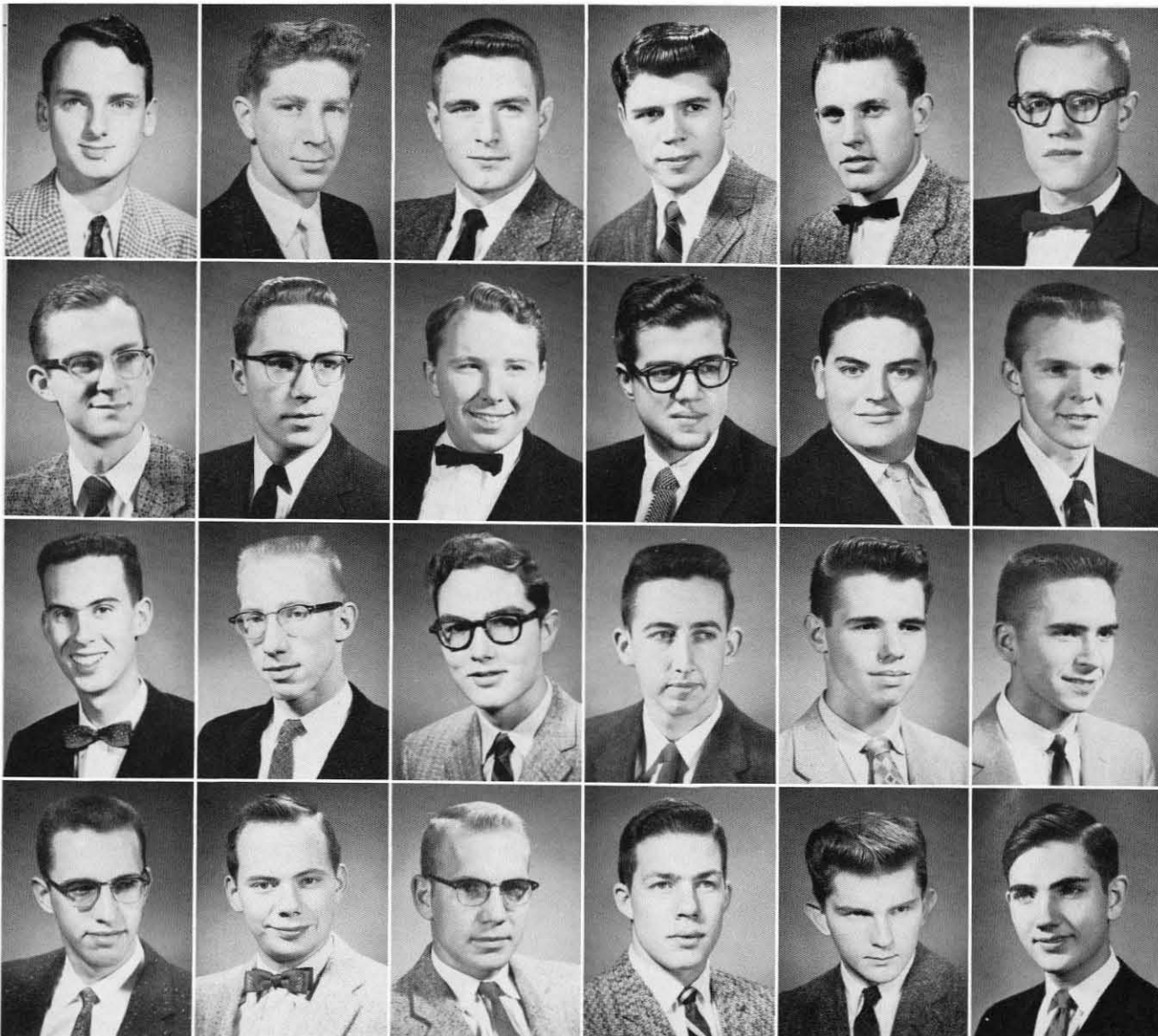
Zeus: (chuckling a little). That's more like it. Didn't anybody do anything besides the freshmen?

Taylor: Certainly. As a matter of fact, the sophomores wiped out the frosh in brakedrum riots. Took them 14 tries to get away the first time, but the frosh haven't touched it since. Closest they came is when gung-ho Cowen leaped out a window after it. They dragged him away frothing . . . Let's see . . . Some anonymous genius invented the banana peel game. This consists of placing banana peels on the unknowing shoulders of lounge rats. Sometimes there's five guys in a line, each slipping a peel on the shoulder ahead of them.

(Zeus cracks up. Taylor takes a worried sideways look, and disgustedly brushes the peel from his shoulder).

Taylor: That's funny as hell. It was probably Sorenson. Hey I haven't told you about Sorenson's letter. Let me do a little magic of my own.

(The scene shifts to an Oregon beach. We see Jim

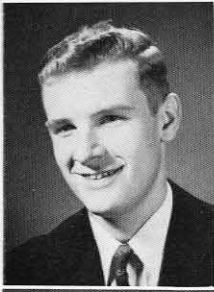


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Gerald Arenson  
Brent Banta  
Gordon Barienbrock  
Dick Baron  
Ted Bates

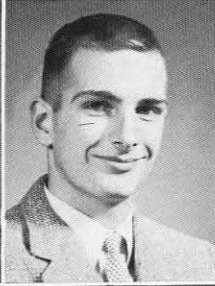
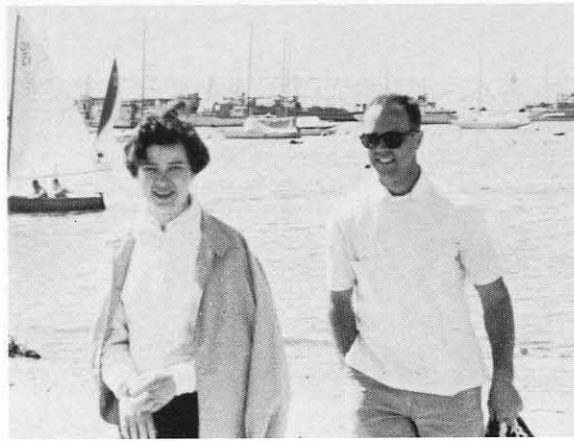
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Tom Bergstresser  
John Berry  
Graeme Blake  
John Bowden  
Dave Bowman

Tom Bowman  
Phil Brooks  
Terry Buffum  
Ben Burke  
Ward Calaway  
Ken Casey

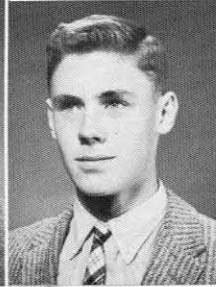
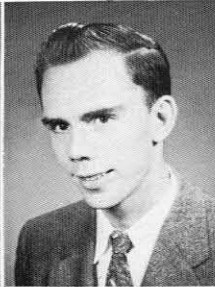
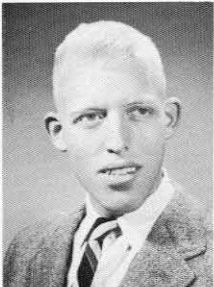
Frank Childs  
Lowell Clark  
Gene Cordes  
Larry Cowan  
Jim Cribbs  
Larry Curfman



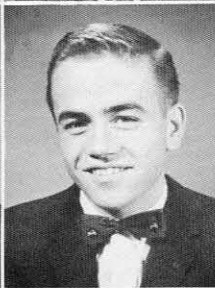
Les Duncan



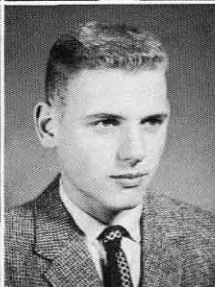
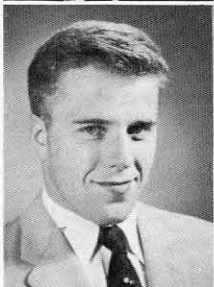
Jim Farmer  
Doug Fenwick



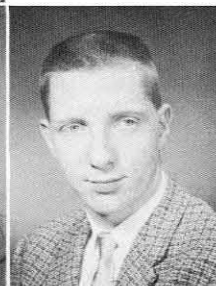
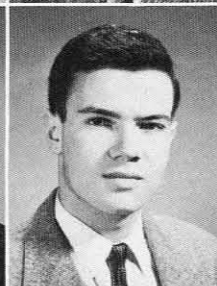
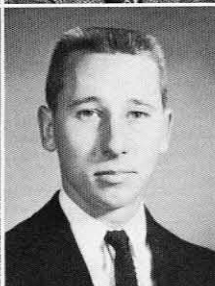
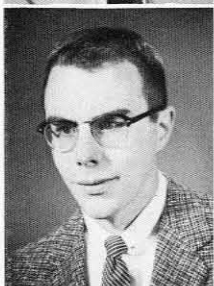
Hugo Fischer  
Ron Forbess  
Don Forrest



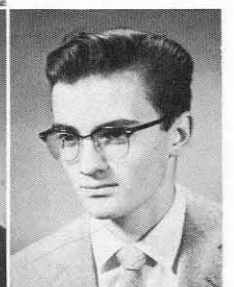
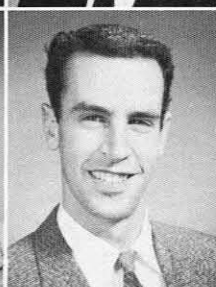
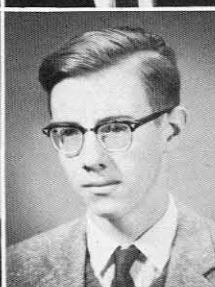
Mike Godfrey  
Bob Golden  
Bill Gray  
Frank Greenman



Dick Gustafson  
Phil Harriman  
Les Hirst  
Ford Holtzman  
Norris Huse



Dick Jones  
Mike Jones  
Emile Julian  
Peter Kastan  
Urban Kern  
Bob Kern



Karl Kessler

Gerhard Klose

Larry Kraus

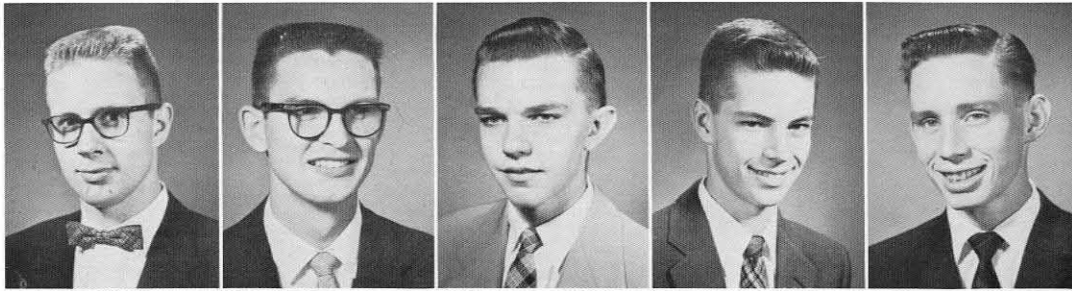
Ed Krehbiel

Dave Leeson

Sid Leibovich

Dave Leobbaka

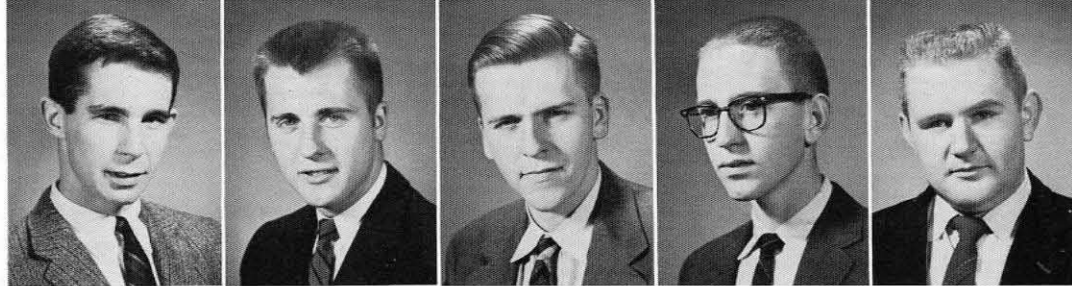
Gordon Long  
Richard Long  
Leonard Maley  
Harold Marr  
Jarold Meyer



Mike Milder  
Cleve Moler  
Louis Montoya  
Eldridge Moores  
Jim Morishimo



Larry Nelson  
Wayne Nelson  
Dick Neville  
David Nissen  
Frank Novak



Sorenson as a high school sophomore, only 2½ heads (6 feet tall). Jim: Looky, a bottle with a note in it. Hmmm it was mailed just yesterday from this same spot by one Bob Klein. I know what I'll do. I'll save this note for four years until I'm a sophomore at Caltech. Then I'll answer it as if I'd just found it in the ocean there. That'll be real fun.

(We see Jim 4 years and one month later, reading to the house the letter he's gotten back). Dear Mr. Sorenson: Though poor crippled Bob and his poor crippled sister and his poor crippled mother all have died in the past four years, it does my weak heart good to know that Bob did something successful once in his poor crippled life. (signed) His poor crippled aunt.

Jim: Gee fellows, I feel sorta like a heel.

Zeus laughs hard enough to jog the banana peel off his shoulder.

Taylor: Then there was the party we had after Interhouse Sing. Stan Sajdera, a frosh, was our director. S-A-J-D-E-R-A. The J's silent but Stan's not. He really did a bitchin' job, and we won the Sing easily. Festivities lasted all night and Crud Alley had to be put back together again with scotch tape the next morning. The noise we made . . .

Zeus: Hey, speaking of noise, what was that horrible din all first term? Drowned out my best thunder.

Taylor: Oh, that was the L. D. ratpack. Exuberant youths, but a bit overspirited at times. Their second term motto was, "In garbages fall, We sinned all." Our Interhouse Dance was great this year. Atlantis, with a real mermaid, whom Krehbiel picked up about one hour after the dance started. Nissen had a replacement ready though. Unselfishly he donated Margaret Ann, his beautiful girl-friend. As usual the Apache Dance was a sexy blast. G. Wop Leonard managed to palm off his last year's date on a weak-willed sophomore. The French motif was carried through in many unusual ways. Pizza at ten added the final touch. (cough, cough), this moun-



# Ricketts

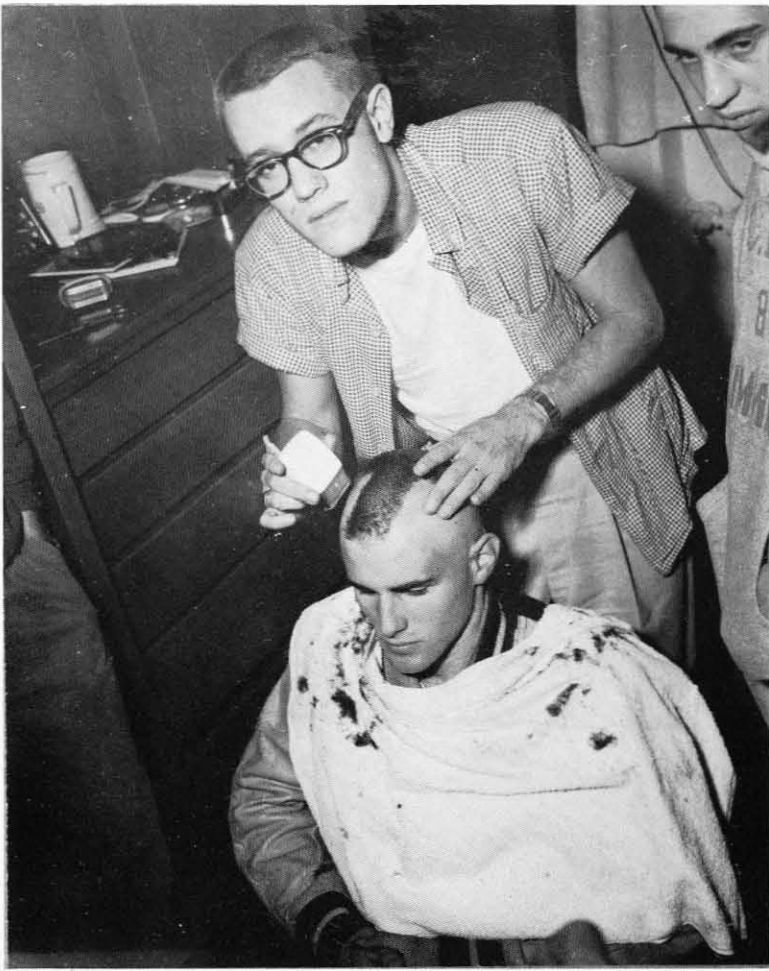


Karl Pool  
John Price  
Clarke Rees  
Phil Reynolds  
Rolf Richter  
Peter Rony

Mike Ruecker  
Stan Sajdera  
Stan Sawyer  
David Singmaster  
Pierre Sundborg  
Vince Taylor

Dick Thompson  
John Todoroff  
Jim Uleman  
Bruce Ulrich  
Jon Valbert  
Dick VanKirk

Don Voet  
John Walsh  
John Weaver  
Tom Welmers  
Bruce Wilkinson  
Joes Yellin

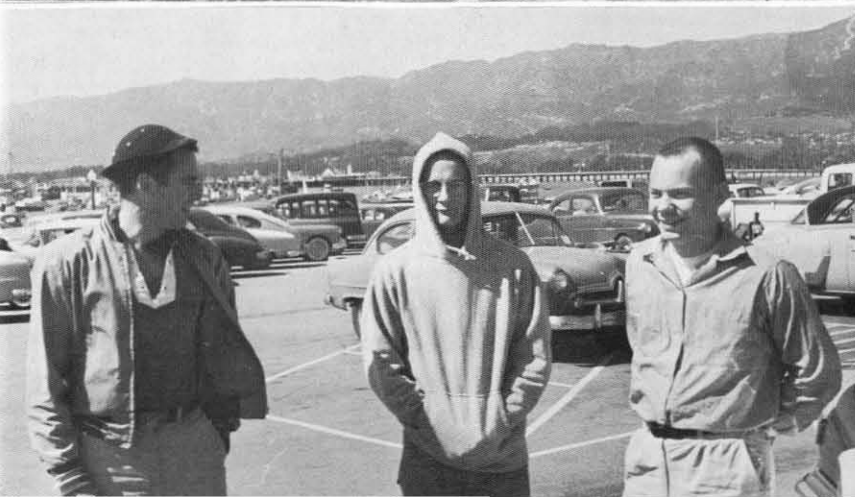
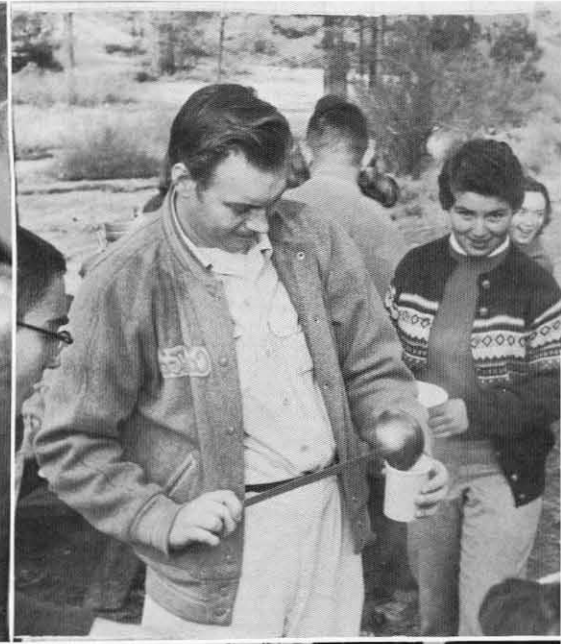


tain air is beginning to get me. I started with the freshmen, so I'll end with the seniors. Next year's frosh won't get to meet a lot of neat guys. Me for instance. (Zeus looks a bit skeptical). Hugo Fischer, our Alpine mountain goat. Furry Beast Leeson and Give-a-damn Walsh. John Valbert, house Alchemist, who'd rather make women than baser metals. Dave Groce, house tool, and Clarke Rees, house stud. Old Clarke really gets around. (At the mention of Rees, Juno blushes a little). And of course, the L. D. foursome, Dick Van Kirk, Sonny Nelson (who lived in the big triple), Ed Krehbiel, and Gordy Barienbrock. Van Kirk (Van Dorn, as he's known in some circles) is the only person in the house who can hang his hat on his nose and still have room for his coat. His beautiful wench, Cheri Riddel, made the quote of the year. After reading **Love Without Fear**, "Gosh, now I'm afraid." Barienbrock, or Barienrock, as the sign on his door said for two weeks, is a little hard to describe. Bill Riddell could tell you more than I can. Then there's Wayne Nelson, and Lou Montoya, and . . .

Zeus: Enough! You're listening again. But for such a fine story you shall be rewarded with your fondest wish. (boom, rumble, shazam. Taylor finds himself suddenly at Radcliffe, under most embarrassing circumstances. Zeus walks off with Juno, singing, "I'd like to see your Elysian Field.")

P.S. Despite my strenuous efforts, I can't hide the fact that this **was** Ricketts best year in the memory of even the oldest old grad.

—Brad Efron







Dick Cooper

## *Throop*



Jack Peterson, Dick Cooper, Jim Wilkinson, Bob Harmon.

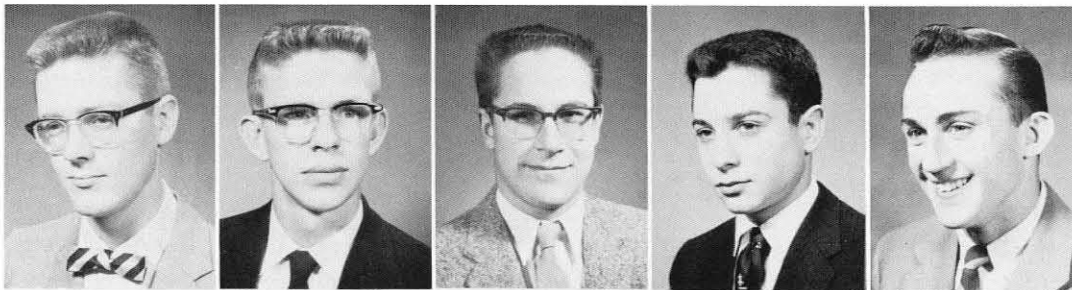
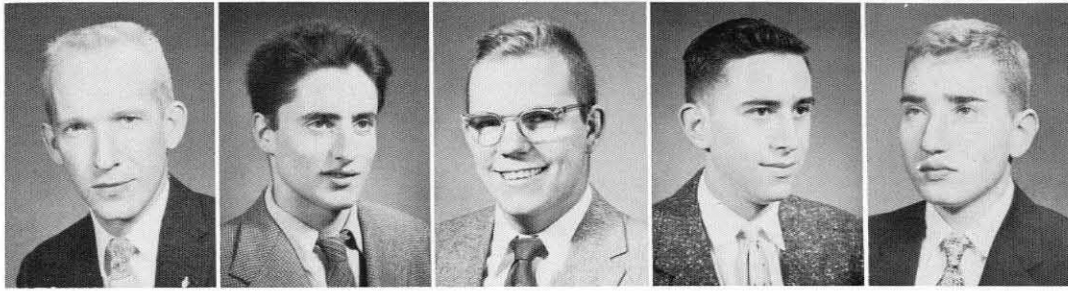
Throop Club, situated next to the "Greasy" on the walk to the Athenaeum, offers an organization to provide many of the campus activities for the off-campus student than are offered by the other four houses for the on-campus individual. By functioning as a fifth house, Throop Club allows the off-campus member to participate in campus life and thus become a well-rounded, integrated campus member.

With the coming of the third week in first term, the Frosh were initiated. Amid the promptings of upperclassmen, novitiates engaged in numerous activities. Such activities culminated on Friday with "Formal Initiation" complete with all its fanfare and aftermath. While the term rolled on, members participated in the various activities present at the club during the day. Card games, including hearts, bridge, and gin were being played against a background of vigorous ping-pong

matches and fierce class games. At noon the members were together for announcements and club business. In this manner, members were informed of coming activities.

The tired officers who survived third term last year were back again to lead the club in its first two terms. Dick Cooper, newly married and as yet without marital problems, through his presidency did an excellent job of providing spirit, enthusiasm, and much hard work for the club. Jim Wilkinson carried the Vice-Presidency on his shoulders, while Tracy Atherton and Bob Harmon were Secretary and Treasurer, respectively. Under the direction of Ed Shuster and Bob Calloway, Throop Club's social program was varied and extensive. After a successful summer program, the social program changed in character to meet the demands of scholastic life. This year's social program was not overbalanced by the In-

Tracy Atherton  
Dave Bregman  
Bob Chamberlain  
Eli Chernow  
Jan Conrad



Dick Cooper  
Terry Crow  
Doug Dunham  
Ted Elconin  
Bob Emmerling



George Engelke  
Dennis Evans



John Everitt  
Harold Forsen

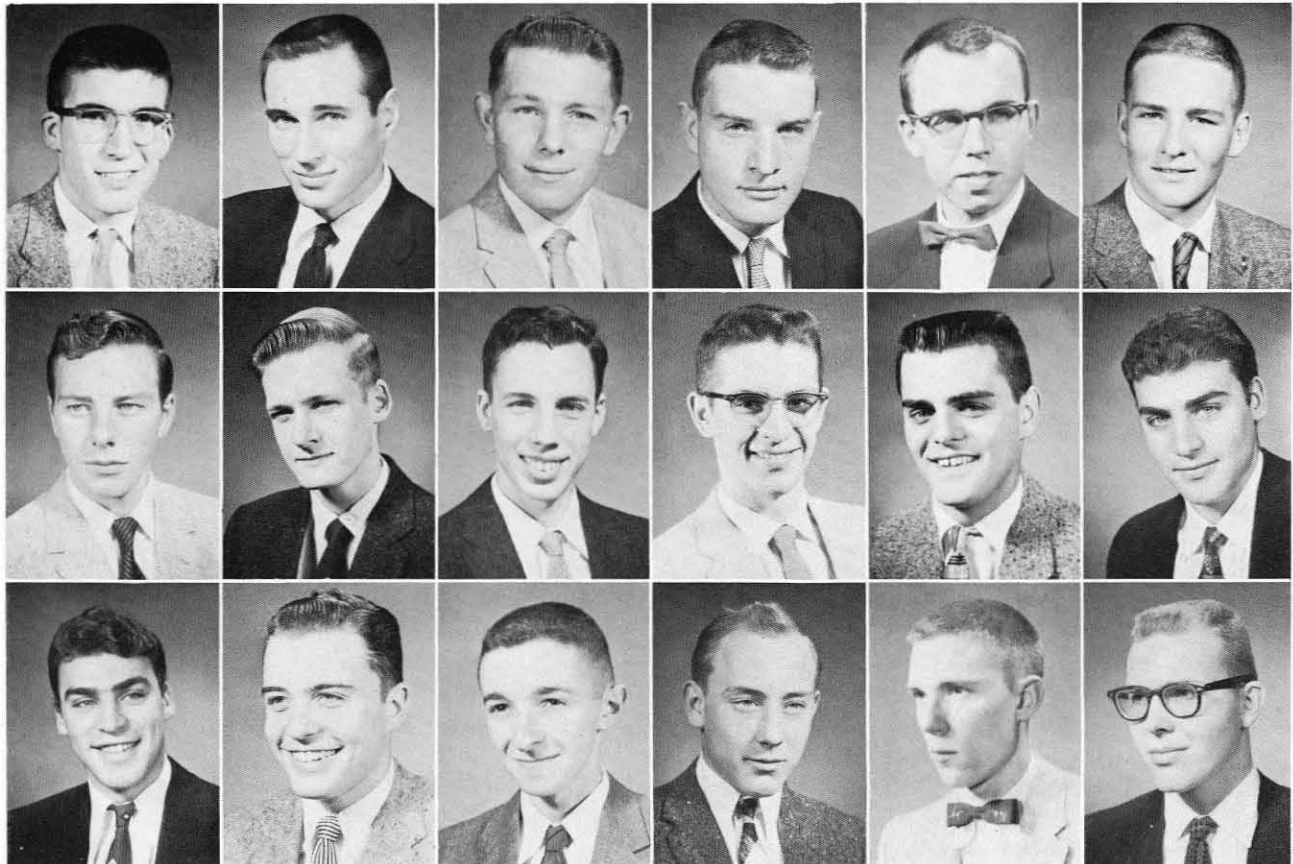


Sam Ginsburg  
Dale Green

terhouse, but contained the following "highlights": Cinerama, Disneyland, and three theater parties. Coupled with these "highlights" were dances, card parties, miniature golf and outings.

This year, Throop really went Ape for the Interhouse. Selecting a Parisian Theme, the gang let their imaginations run amok. The entrance was provided through an imposing model of the Arc de Triomphe. The inside of the old club was miraculously transformed into a Parisian bistro, complete with checkerboard tablecloths, candles in wine bottles, and kegs of wine. When the guests had grown tired of the gay life in the bistro, they could visit the art gallery and view some of the art treasures that made Paris famous.

Outside, there was a sidewalk cafe which provided a place to relax and enjoy the view. In one dark, sinister corner of the courtyard was a grim reminder of justice, Madame Guillotine. In the distance rose the towering



Fletcher Gross  
Bob Hangerbrauk  
Bob Harmon  
Herm Hartung  
Lance Hayes  
Bob Heath

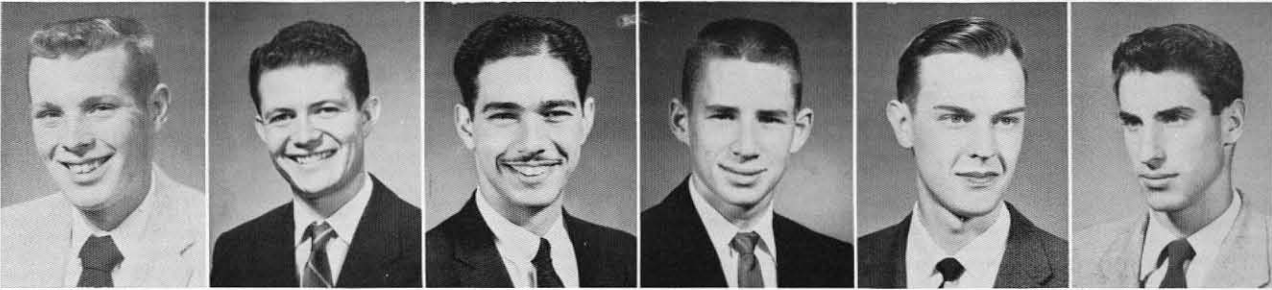
Gerald Jantscher  
Dick Jenson  
Stan Klein  
Curtis Kuebler  
Ron Kunzelman  
Bob Maltz

Carl Maltz  
Mike Mann  
Ian Marks  
Buzz Merrill  
John Mikalov  
Martin Ollsson

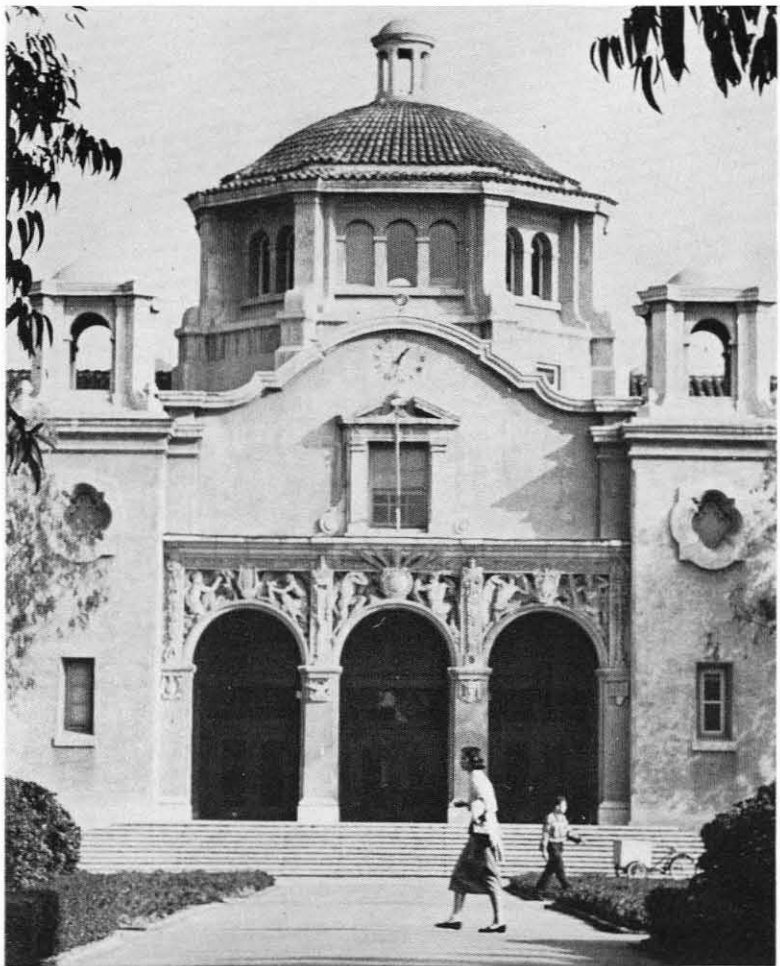
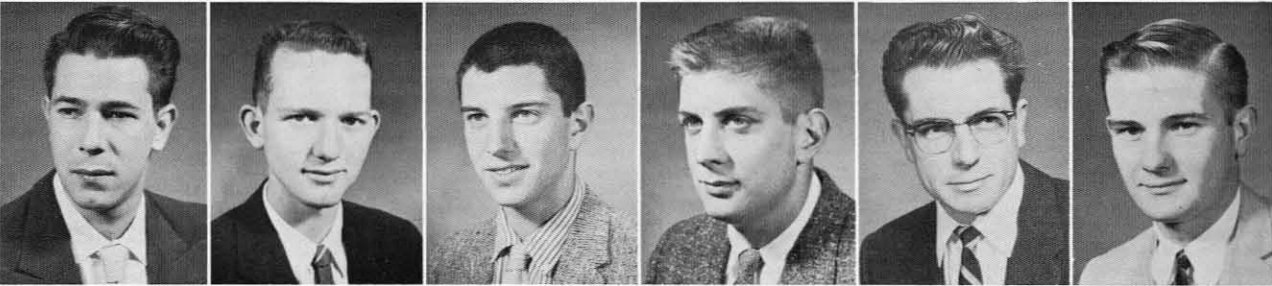
Hugh Palmiter  
 Gerald Pearson  
 Dennis Peters  
 Jack Petersen  
 Al Porush  
 Charles Ray



Louis Remer  
 Jim Rode  
 Art Rosenthal  
 Bob Ruby  
 Lee Schmidt  
 Tom Schumann



Don Sessler  
 Bill Shubert  
 Steve Slobin  
 Joe Smith  
 Art Stacy  
 Don Stocking





## *Throop*

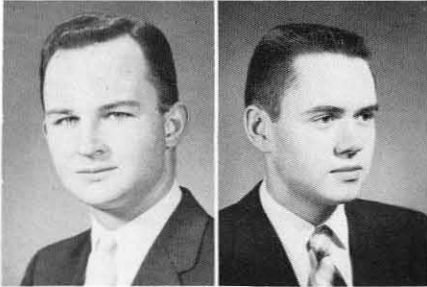
structure that is Paris' most eye-catching landmark — the Eiffel Tower. The authenticity of the decorating and the gay spirit that pervaded the scene made this Inter-house the most successful in many a moon.

Under the guidance of the Athletic Manager, Jack Petersen, the Club took an active part in inter-house sports. Throop fielded teams in all the contests and emerged in first place in softball and tied for first in tennis. The club bowling team challenged Dabney for the bowling trophy and brought home the bacon. Just to prove that this wasn't an accident, the Throop keglers successfully beat a strong team from Ricketts to retain the trophy.

At the end of the second term, the club assembled and selected a new group of officers to lead them through the third term and the first two terms next year. After a close battle with Charlie (Good Grief!) Brown,

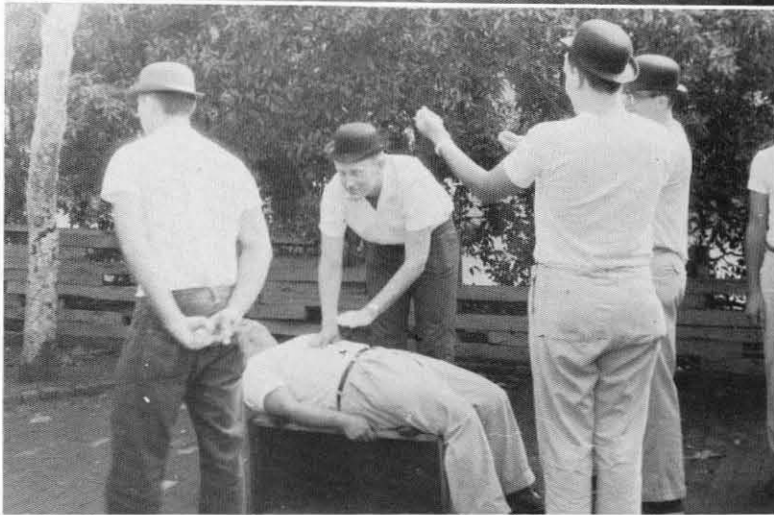
John Everitt was elected president and Bob Harmon was elected veep. Al Porush became the new secretary, Fletcher Gross took over the cash box, and Jerry Gaynor will lead Throop Club's athletes to bigger and better victories. The most important offices in the club, the co-social chairmen, were filled by Dave Himrod, John Stene, and Marty Wolfe. These boys immediately got busy planning a well-balanced list of fun and games for the members of Throop Club. In the old tradition, they have announced that the social program will continue through the summer and all Techmen are invited to join Throop in the fun.

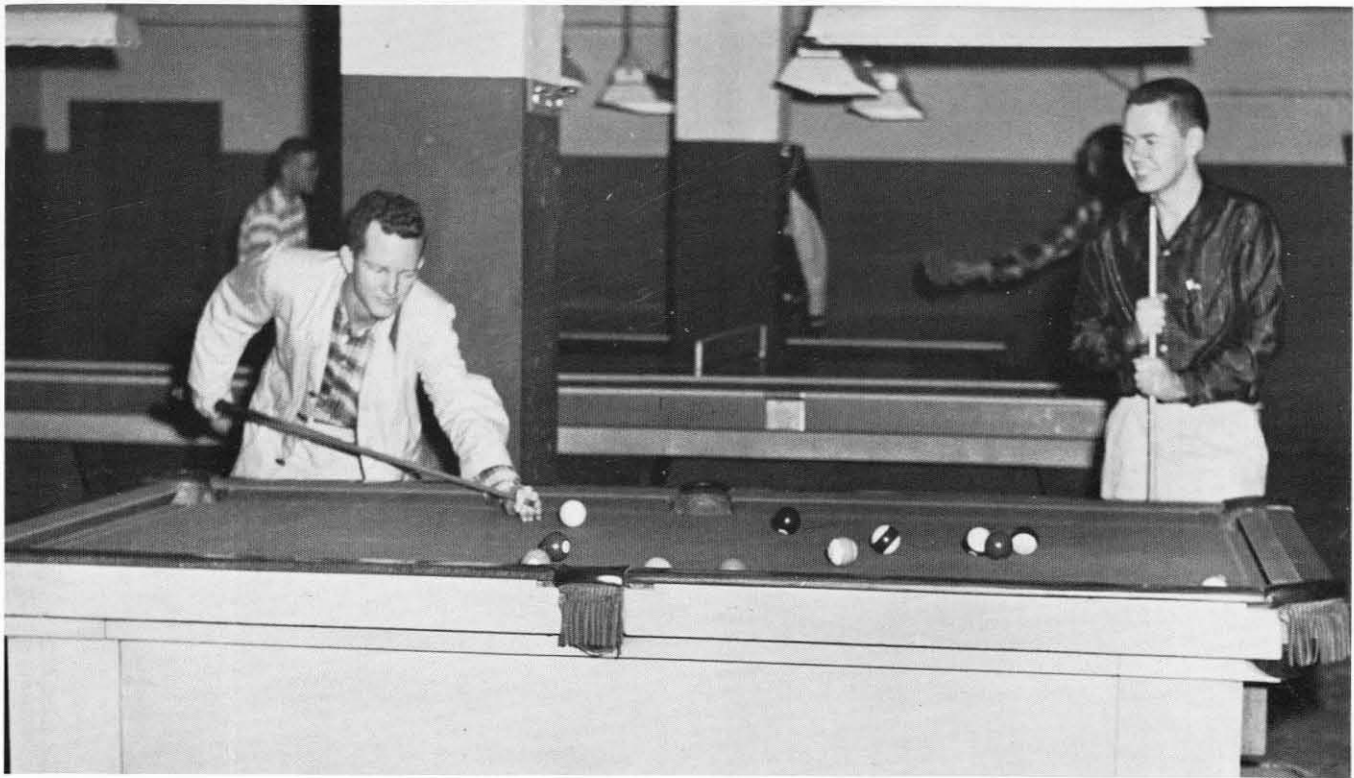
Throop's leading politician, Jim Wilkinson, brought orchids to himself and Throop Club by emerging victorious in the race for ASCIT Vice-President. With his experience in various Throop Club offices, his tenure in office should be most successful.



John Stromberg  
Carl Ward

Jon Tibbitts  
Ortwin Wersel





## *Off Campus*



Bill Arveson  
Bruce McKeeves  
Mitchell Seidman

John Asmus  
Frank Mihm  
Gene Stanley

George Canova  
Reid Parmeter  
Ralph Stapenhorst

Riley Holly  
Bob Poe  
Bill Wagner

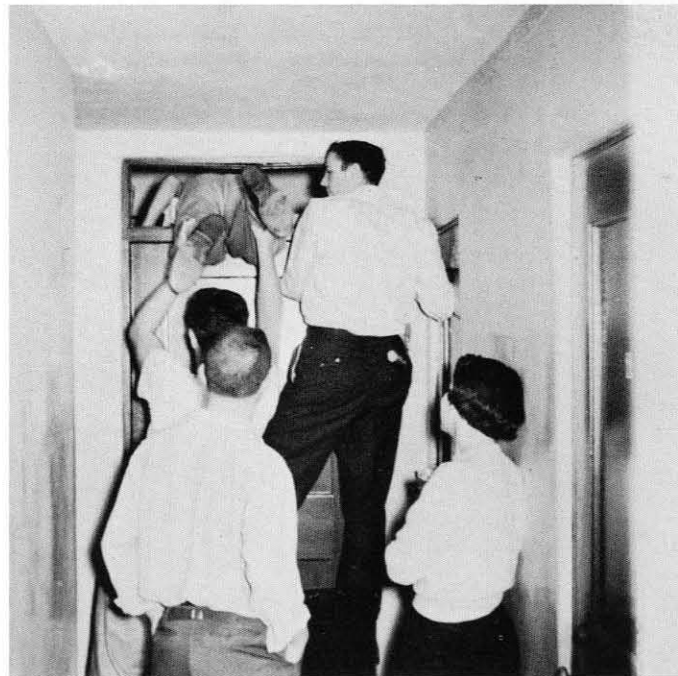
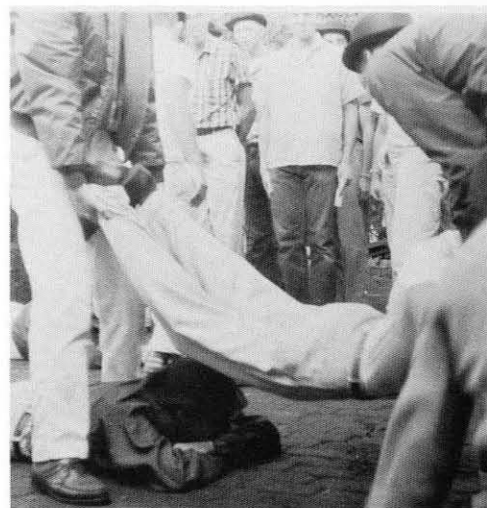
Gary Hong  
Bob Polansky  
Martin Wolff

Chong Lewe  
Jim Sasser  
Dan Wulff

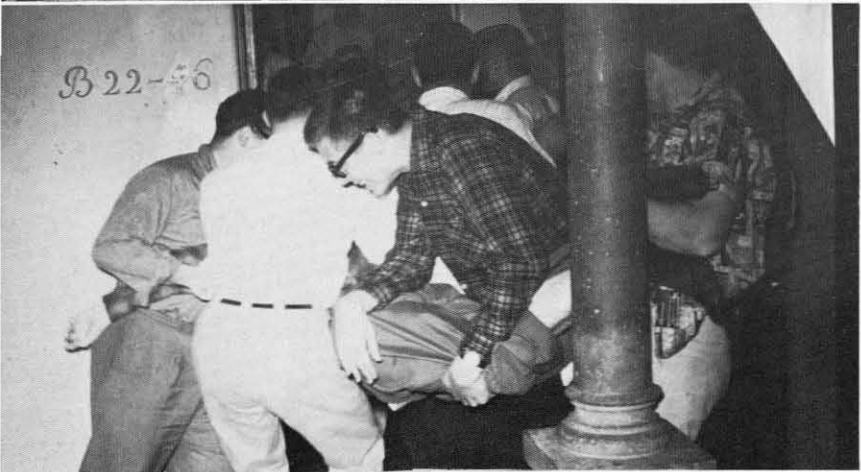
Loren Livstrom  
Walter Schaal  
George Yankura



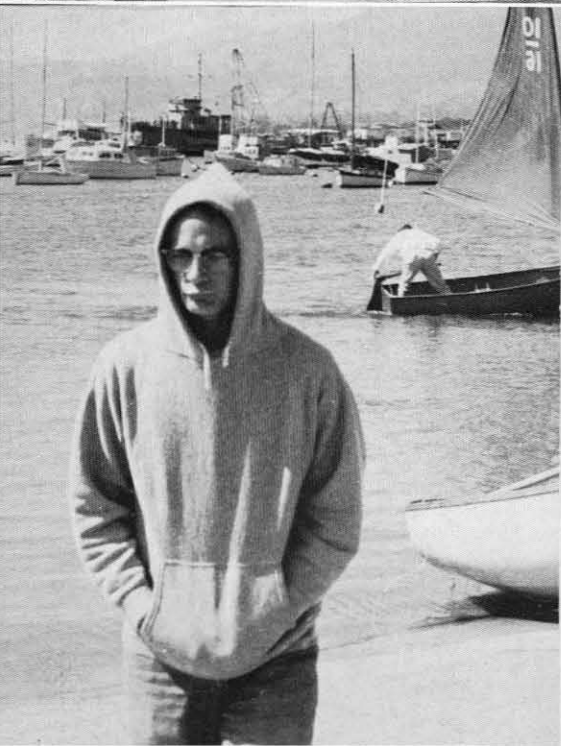
*Interhouse  
Activities*





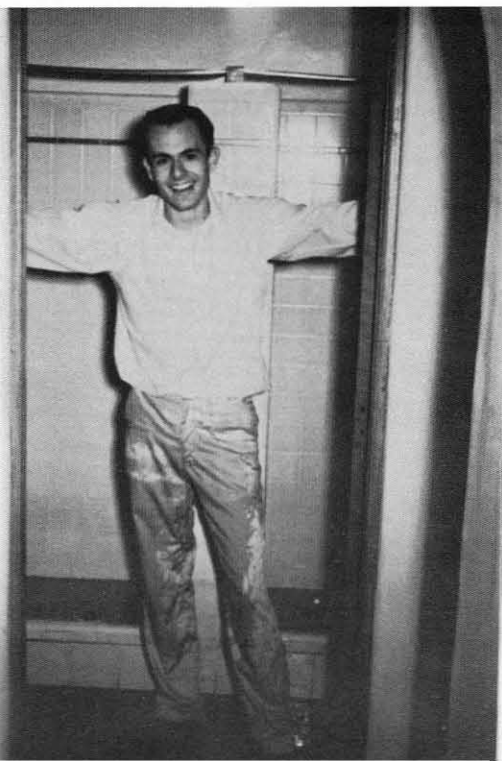


*Interhouse*





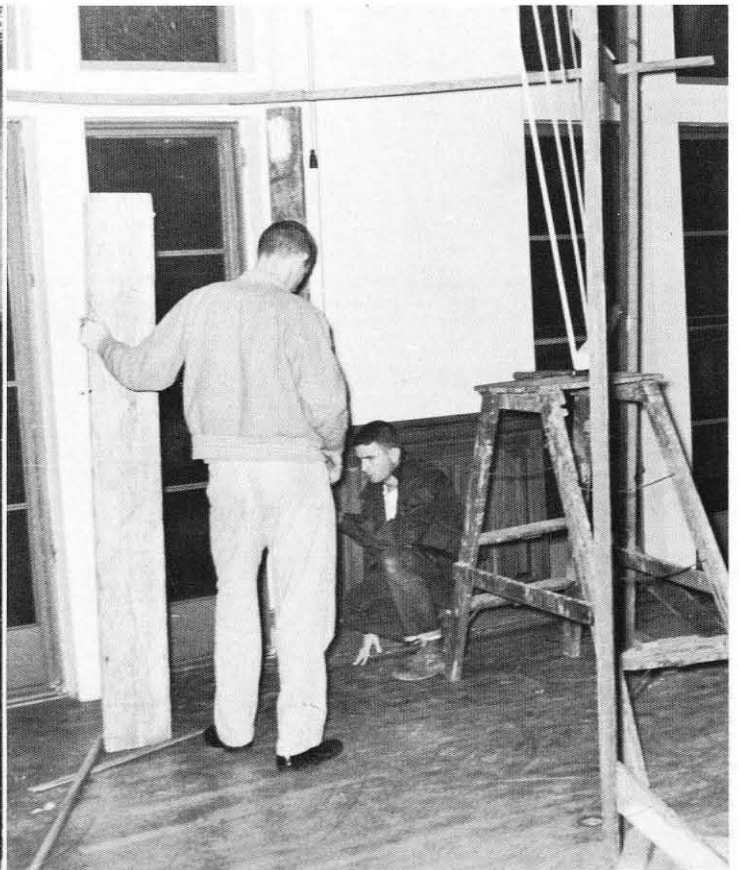
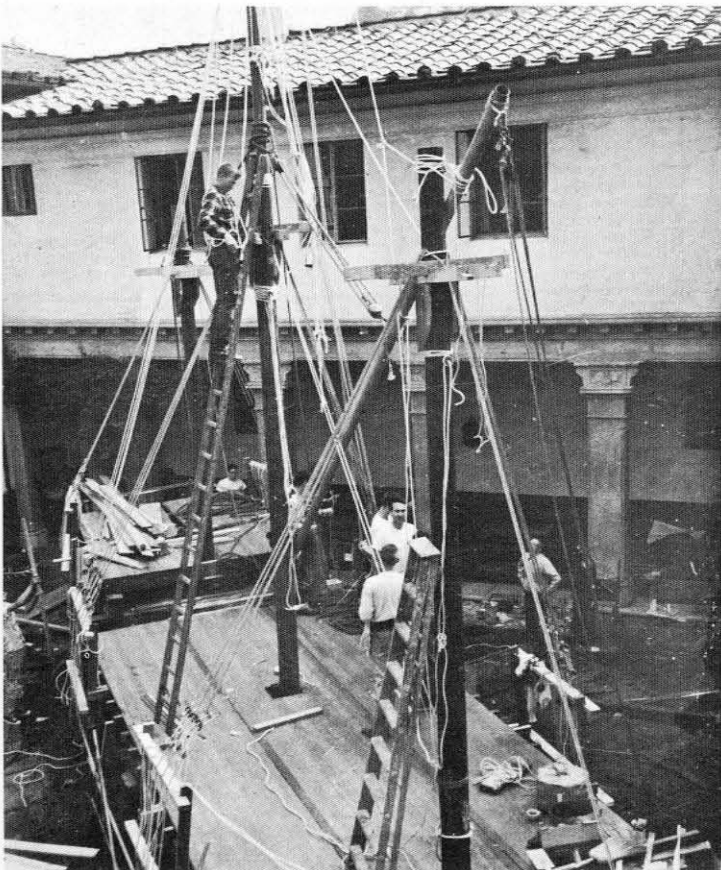
*Activities*





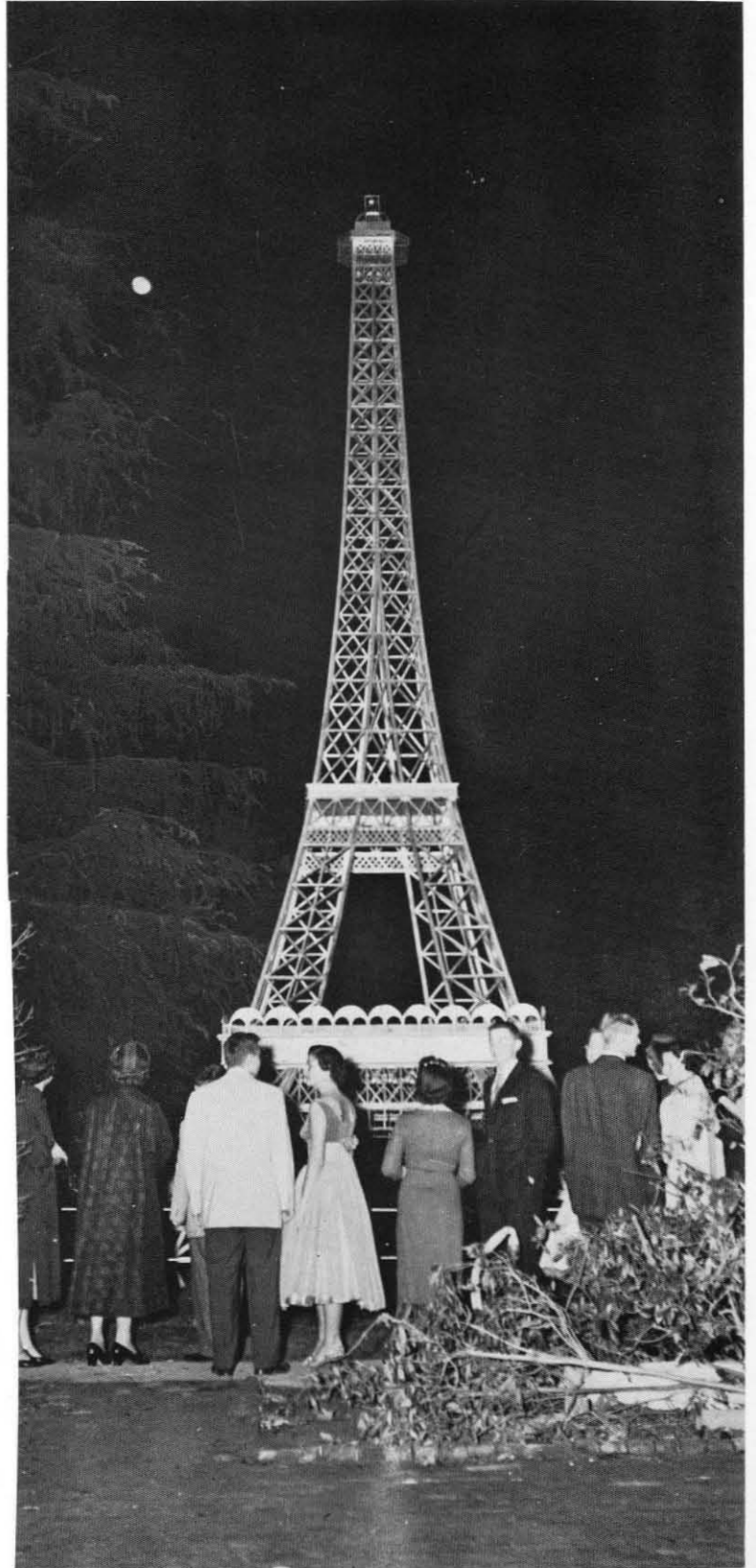
## *Interhouse*

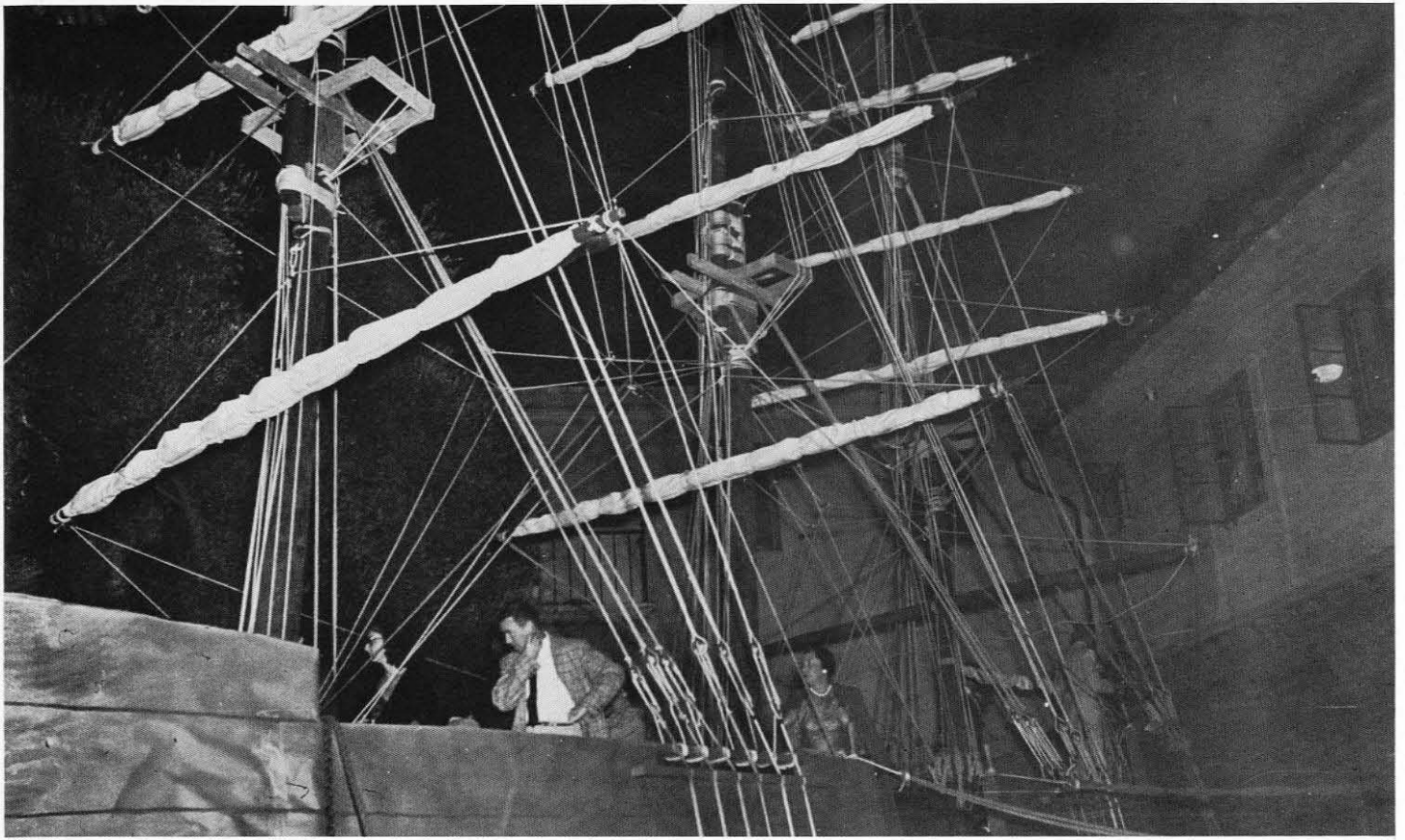
During the first week of November studies, athletics, and campus activities were pushed aside as students began work on the famous Interhouse dance. Work started slowly, but as the ninth approached even sleep was forgotten, and many worked around the clock in order to finish on time. Some pessimists said, "You'll never make it," but in keeping with tradition the decorations were finished at the last moment before the dance started.



# Dance

The result was probably the best Interhouse ever, with couples from all over the Southland pouring in to enjoy the dance and marvel at each house's display. Throop Club's theme was Paris, featuring an Eiffel Tower which also served as a landmark for the dance. Blacker built a tremendous pirate ship, filling the courtyard, and converted their lounge into the Spyglass Inn, of Treasure Island fame. Dabney's theme was Intoxication, with pink elephants decorating the scene. Fleming displayed the Pleasure Palace of Kublai Khan, and Ricketts featured a striking underwater scene, under the theme of Atlantis.





*Interhouse*





*Dance*



# Interhouse Sports

The battle for the Interhouse Trophy this year has been closely contested all the way, with many upsets and unexpected results. Sportsmanship, spirit, and determination have characterized the season.

Throop Club, led by Bob Emmerling, again took first place in softball, but they had several tough games. In cross-country Blacker repeated its win of last year. Fleming won the swimming meet in a very one-sided contest, taking first place in all but one event. After being rained out once,

the tennis matches were finally played, with Ricketts and Throop coming out in a tie for first. Ricketts took a clear first place in track. The volleyball contest featured many upsets, but Blacker (repeating from last year) and Ricketts finally came out in a tie for first.

As the overall contest stands now, with football and basketball still to go, Ricketts has a comfortable lead, Blacker is in second place, and Dabney and Fleming are not far behind in a tie for third.

	B	D	F	R	T
Softball .....	15	10	5	20	25
Cross-country .....	15	6	9	12	3
Swimming .....	9	12	15	6	3
Tennis .....	6	9	3	13½	13½
Track .....	10	15	20	25	5
Volleyball .....	13½	7½	7½	13½	3
Total .....	68½	59½	59½	90	52½

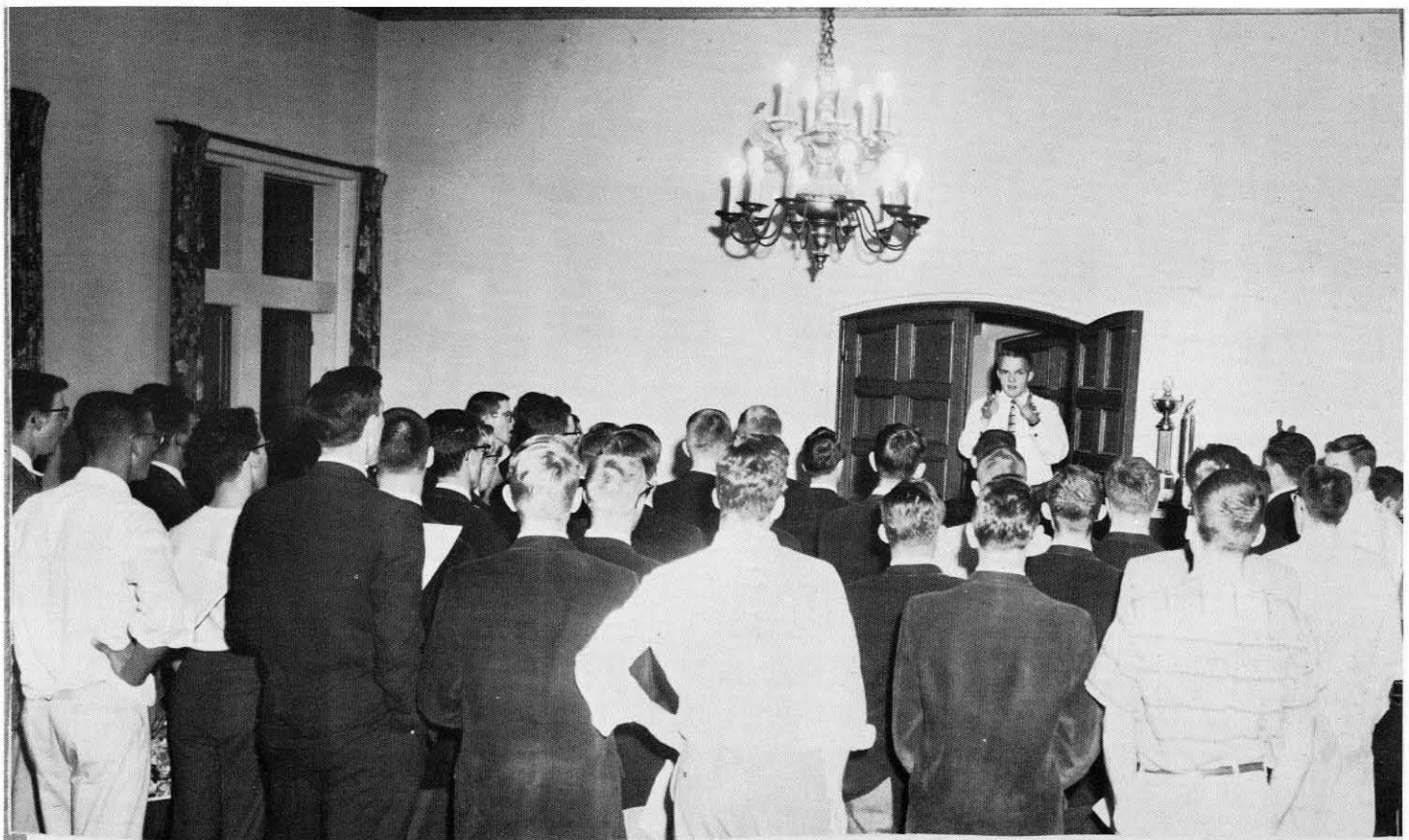


# Interhouse Sing



The Interhouse Sing was held near the end of second term, with Dr. Al Ingersoll as Master of Ceremonies. The required song this year was "Doney Gal," which each house sang in addition to a selection of its own choice. Then the Caltech Glee Club sang several numbers, followed by the combined group singing the Alma Mater.

When the scores were tabulated, it was found that Ricketts had again won by a comfortable margin, Blacker had edged Dabney for second place by a couple of points, and Fleming had placed last.





# *Resident Associates*

Tucker Gordon, Dabney  
John Andelin, Throop  
Dr. Mayhew, Master  
Ric Nordlander, Blacker  
Hugh Taylor, Ricketts  
John Harding, Fleming



# *Student*



Frances Dunlap, Dorothy Cheney



Bea Leckband, Ned Hale

# *House*



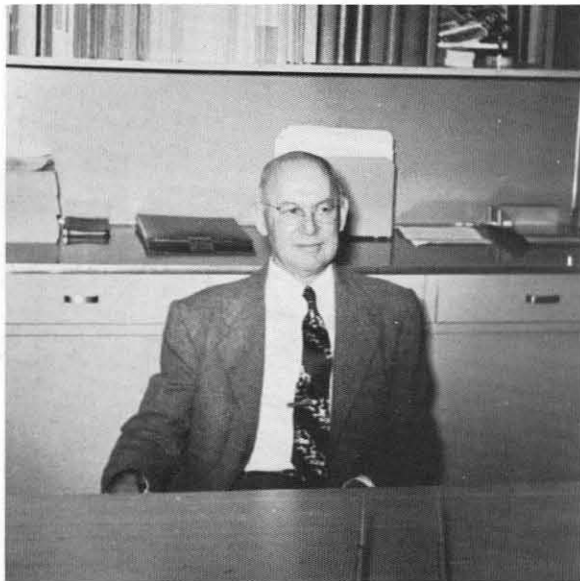
Mrs. Townsend, Mrs. Kirkpatrick, Mrs. Smithline, Mrs. Lang, Mrs. Reese, Mrs. Concannon, Mrs. Baker.

# *Staff*

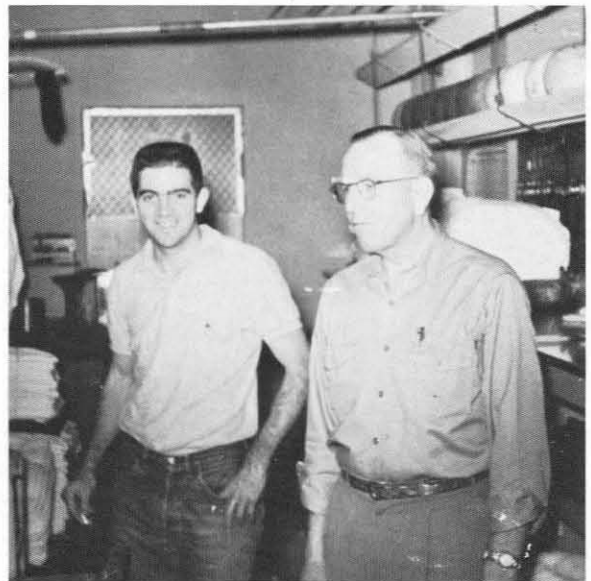
*Athletics*





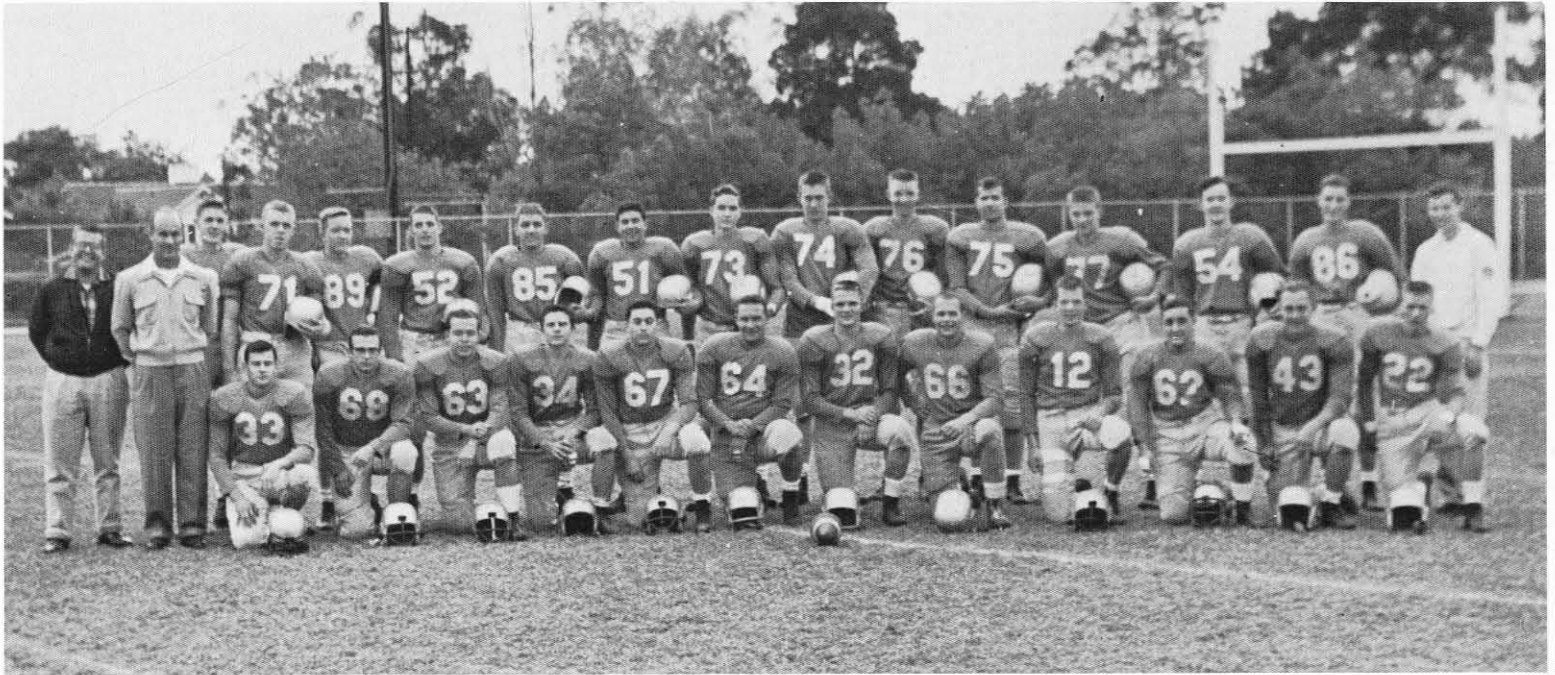


H. Z. Musselman, Athletic Director



Carl Barrs and Garth Hyde, Equipment



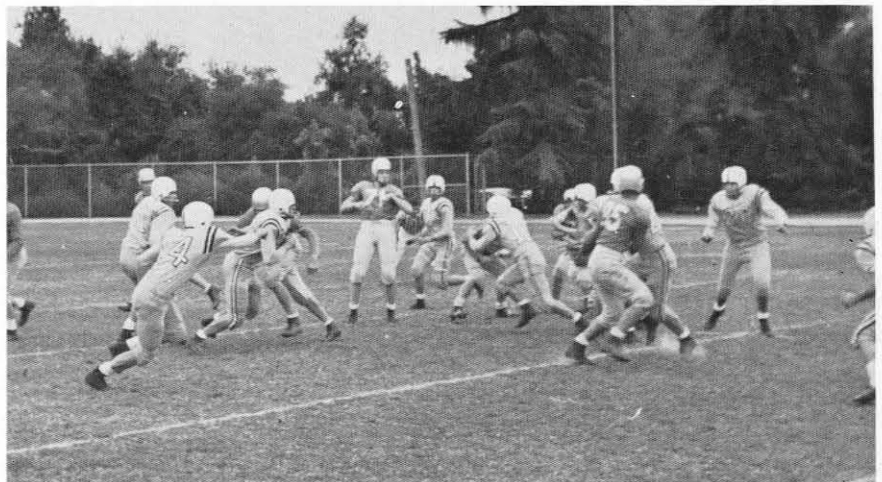


Left to right: kneeling; Bill Bauer, Richard Barnes, Sam Suitt, Steve Patton, Larry Sloss, Mike Schwab, Stanley Sajdera, Charles Ray, John Stramberg, Dave Kubrin, Albert Merrill, James Blackman. Standing; Hugh Taylor (ass't coach), Ed Priesler (coach), Don Forrest, Bob Deemer, Leroy Sievers, Hugh Kieffer, Jerry Gaynor, Richard Norman, Terry Buffum, Rodney Dokken, Bob Kerr, George Jumper, Ken Nelson, Stanley Sawyer, Brown, Dwain Reed (manager).

# Fresh Football

Although they lost all of their games, Caltech's frosh football team kept trying right up through the last game. They scored their only touchdowns, two, against Oxy; but they played their best all-around game against Whittier. They deserve to be proud of their efforts even though effort alone wasn't enough to win the games.

Head coach Ed Priesler and line coach Hugh Taylor started with one of the most inexperienced and largest turnouts in recent years — around 30 players. In spite of Asian flu and midterms, most of the men remained on the roster at the end of the season. Chuck Ray and Bob Deemer were chosen co-captains. It is hoped and expected that these men will help a lot on next year's varsity team.



Where is the ball?



Hit him now.

12.....	Oxy .....	52
0.....	Pomona .....	50
0.....	Whittier .....	44
0.....	Redlands .....	70



Barbara crowning Mary Anne, Linda, and Diana

## Homecoming Game

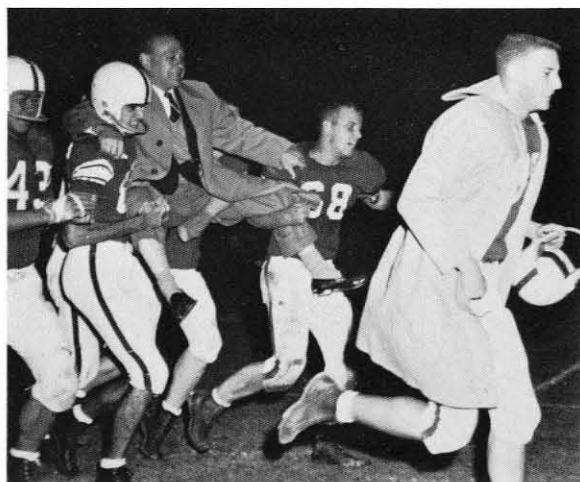
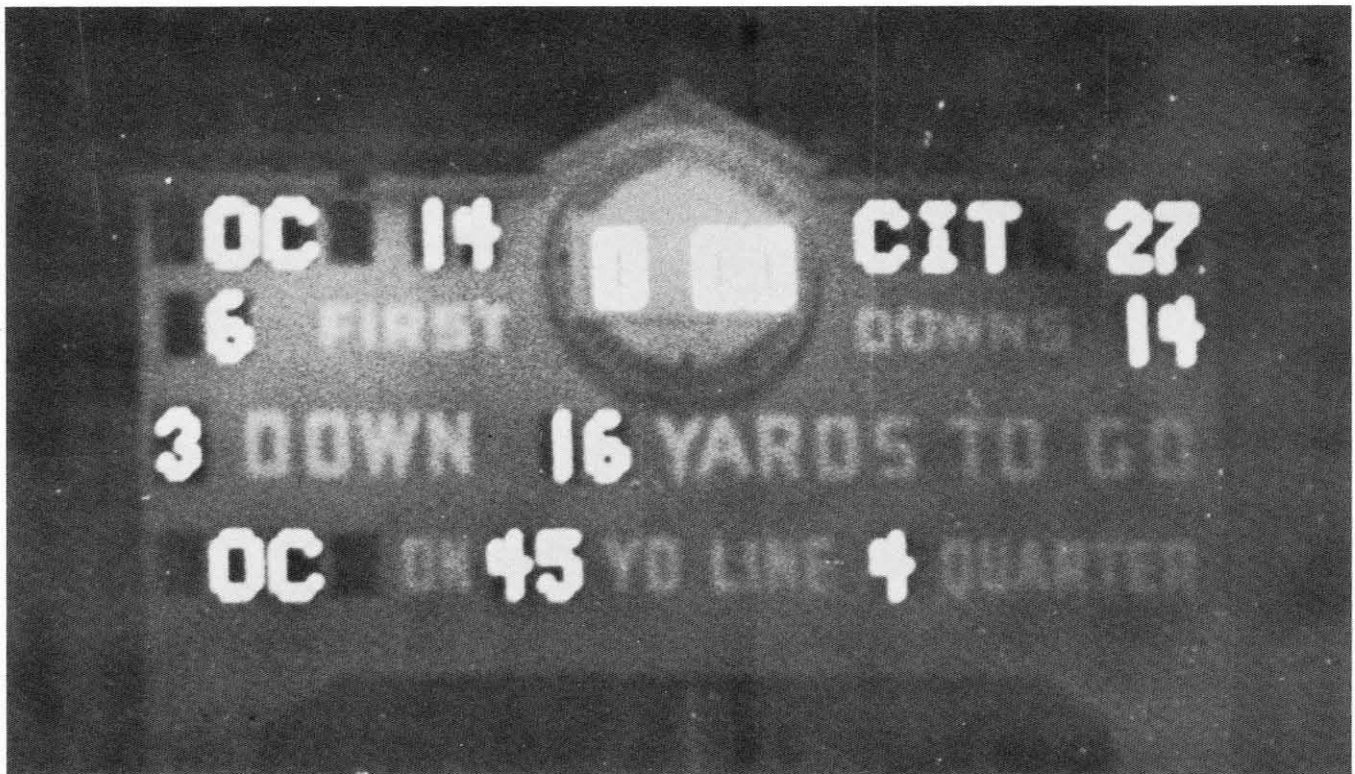
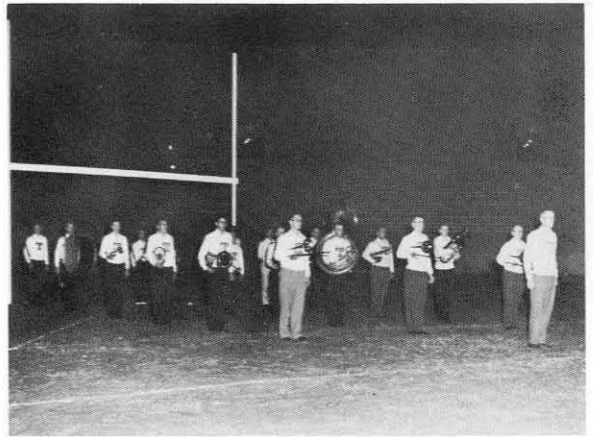
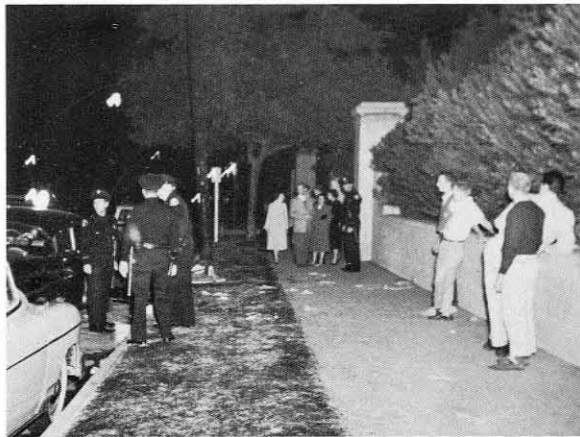


This year's homecoming will be long remembered by everybody that was in the stands on that Friday night of Nov. 15, 1957. In addition to the usual homecoming festivities, Tech beat Oxy 27-14 for the first league win in many years.

The homecoming festivities were begun at halftime when last year's Homecoming Queen, Barbara Coleman, presented the crown to the new Queen, Mary Anne Seltzer. Mary Anne's two princesses, Linda Duval and Diana Jackman, were presented in the same ceremony. During halftime Caltech's new Marching Band led by Al Forsythe presented the fans with an impressive display of numbers and precision marching.

'Techmen, alumni, dates, and wives made their way back to Tech after the game. At Tech they found dance floors and bands in Dabney and Ricketts as well as numerous parties scattered across the campus. The celebrators also found a few impromptu bonfires complete with firemen and the illustrious Pasadena Police.









Left to right: kneeling; Jerry Hansen, Mauritz Kallerud, Jon Uncapher, Wes Shanks. Standing: Steve Stephens (manager), Mike Konrad, Tom Keil, Mike Rusch (co-capt.), Reed Saunders (co-capt.), Claude Fiddler (coach.)

19.....	Pas. Naz. ....	39
33.....	Redlands .....	22
49.....	Oxy .....	15
Foft.....	Pas. Naz. ....	
Foft.....	Pomona .....	
Foft.....	Whittier .....	
3rd.....	Conference .....	

## *Cross Country*

Left to right: kneeling; Dave Loebbaka, Bob Junkin, Pete Lippman. Standing; Steve Stephens (manager), Bruce Brunstad, Ben Burke (capt.), Claude Fiddler (coach).



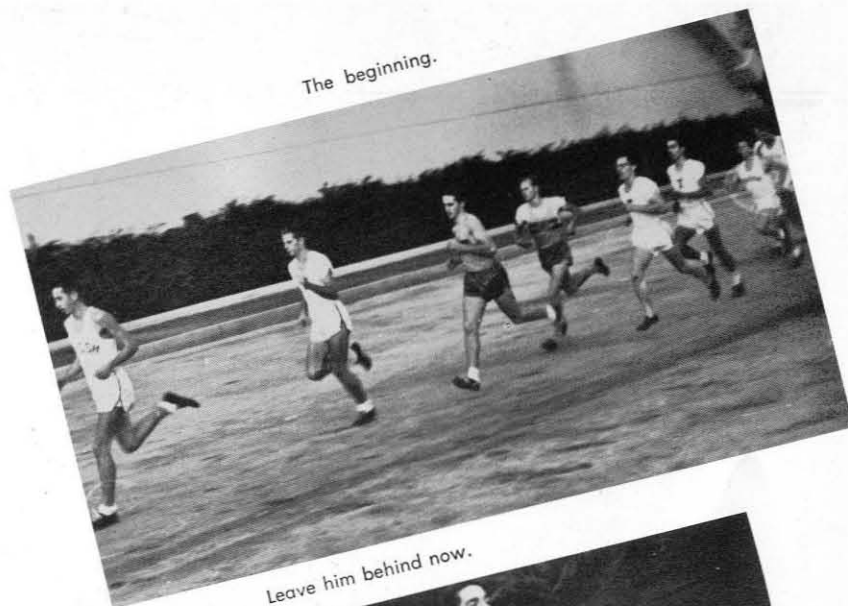
21.....	Pas. Naz. ....	34
34.....	Redlands .....	21
38.....	Oxy .....	17
Foft.....	Pas. Naz. ....	
	Pomona .....	Foft
37.....	Whittier .....	18
	Conference .....	Foft

In taking third place in the conference this year Caltech's cross country team was another fall sports team that had a winning season. The team opened the season with a win over Pasadena Nazarene followed by defeats at the hands of Oxy and Redlands. The rest of the meets were forfeited to Tech by the opposing teams who couldn't get the required five men. Meets were run with the men from these schools and in each case Tech gave the impression that they would have won handily if the other team had had 5 men. In the conference meet Tech scored 70 points for third place following Oxy, 24, and Redlands, 63. Pomona and Whittier forfeited. Coach Claude Fiddler got proof here that the team had finally gotten into shape since every man passed 1, 2, or 3 men in the last one-half mile of the 4 mile race and proceeded to run them into the ground. Nothing could have made coach Fiddler happier except beating Redlands, which Tech was aiming for.

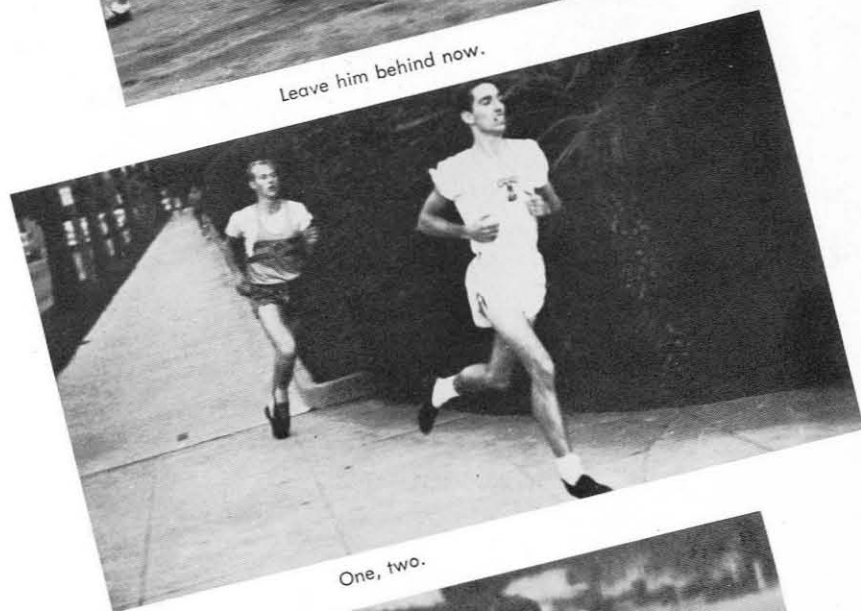
This was the last season for seniors Mike Rusch, Reed Saunders, Mauritz Kallerud, Mike Konrad, and Danny Wolff. Men returning for next year's team of leather-lungers are Wes Shanks, Jerry Hansen, Tom Kiel, and Jon Uncapher. Rusch and Saunders were chosen co-captains following the conference meet. This year's manager was Steve Stephens.

The freshman team this year was plagued by the usual trouble with freshman cross country teams — lack of men. Even with this trouble Tech managed to field the necessary five men in all but two meets. The team started the season with a win over Pasadena Nazarene followed by meets with Redlands, Oxy, Pasadena Nazarene, Pomona, and Whittier. Unfortunately Tech could only get 4 men to the conference meet so we had to forfeit the most important meet of the year.

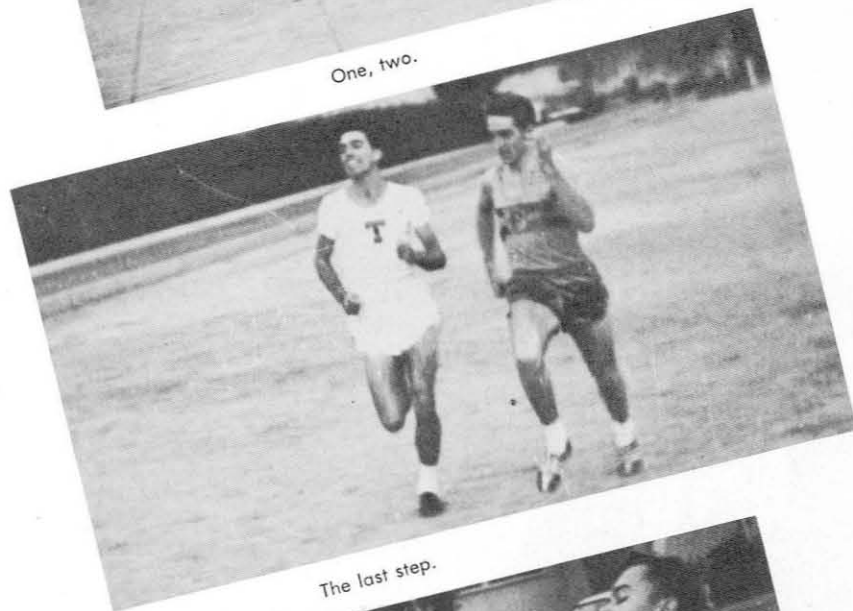
The freshmen came a long way on the road of improvement this year under the tutelage of coach Claude Fiddler and the prodding of manager Steve Stephens. The team was led by Ben Burke who placed 7th in the conference meet and was elected captain by his fellow harriers. Other team members were Dave Loebbaka, Bruce Brunstad, Bob Junkin, Ed Evans, and Pete Lippman. These men will be a welcome addition to next year's varsity which will be sorely missing the seniors.



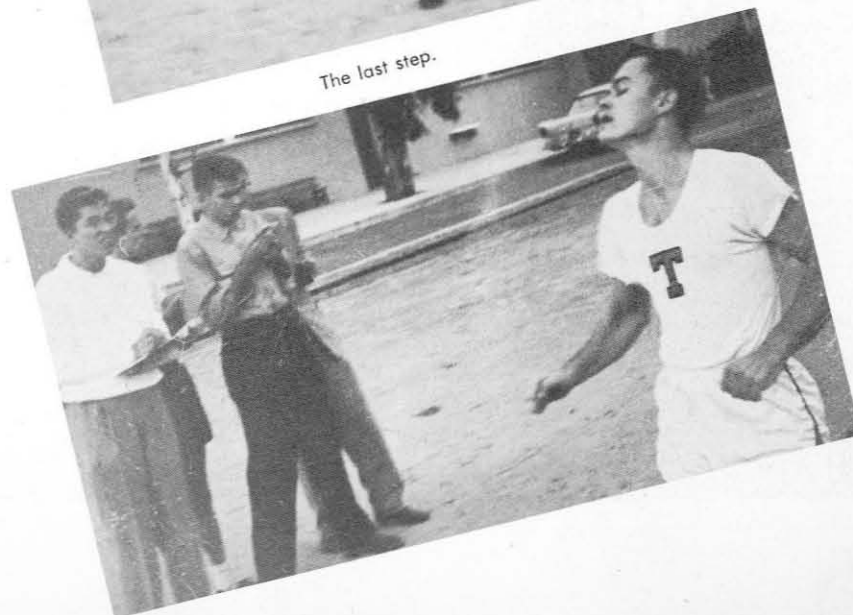
The beginning.



Leave him behind now.



One, two.



The last step.



Left to right: kneeling: Richard Dietz, Wayne Nelson, Brent Banta, Glen Converse, Phil Thacher, Luis Baez-Duarte, Larry Tenn. Standing: Lee Andrews (coach), Ed Tums, Lewis Linson, Ed Krehbiel, Mac Poor, Harry Bingham, Jim Weaver, Hugh Pritchard, Brian Gray, Richard Montgomery (mgr.), Dave Spencer (mgr.)

## *Soccer*

Turn around and get it now.



2	Pomona	.....	2
2	Riverside	.....	0
3	UCLA	.....	2
0	UCLA	.....	2
7	Riverside	.....	0
4	Pomona	.....	2

Probably the thing that will be remembered about this year's soccer team is that they won. Winning isn't easy in any sport. It takes spirit and teamwork, as well as talent, and the team had all three. Of the six games, the team's record was four won, one lost, and one tied; but all of the games were well fought and certainly worth the trouble of those who attended. The most exciting game, as far as the team was concerned, was the last game. It was played at Caltech, against Pomona, and the previous team records were such that the winner of this game would be the league champions, and the loser would be third. It was a fast, hard fought game; and although Caltech was behind at one time, the players remained calm and came back to make the final score 4-2, our favor, clinching the championship. The only non-league game was against a semi-professional team, and although the team lost the game, they learned a great deal.

It is impossible to decide which of the team's members were the outstanding ones, because all were equally necessary, and each did his part in forming the smoothly functioning body which won the games. The coach, Lee Andrews, was certainly one of the greatest factors in influencing the performance of the team. His joviality and general cheerfulness made it much easier to go out on the field and work hard for a win. Those on the team who especially deserve some mention are: the seniors — Glen Converse, Phil Thacher, Wayne Nelson, Jim Weaver, Mac Poor, and Ed Krehbiel; the grad students — Harry Bingham and Ed Tums; and the faculty members — Brian Gray, Hugh Pritchard, and Kieth Watson. Squad members who will be back next year are Richard Dietz, Brent Banta, Luis Baez-Duarte, Larry Tenn, and Lewis Linson. Converse and Thacher were chosen co-captains.



Kick it harder.



Does it make it?



Who will get it?



Left to right: kneeling; Pedro Bolsaitis, Berken Chang, Rusty Marr, Steve Emanuel, Gary Hachtel, Melvin Neville, Mike Jones. Standing: Tom Tebben (mgr.), Nelson Byrne, Bill Dowd, Mike Levine, Darrell Fleischman, Rolf Richter, Jerry Arenson, John Lango, Al Lyon, Gene Robkin, Dick MacAnally, Clark Carroll, Jim Wilkinson, John Lavagnino (coach).

## J. V. Soccer

During the 1957 season the Caltech Junior Varsity Soccer team continued its fine job of training future varsity players. After losing three successive games to UCLA, Cate, and Thacher, by identical 0-7 scores, the J.V.'s broke into the scoring column against Webb while losing 1-4. This game was followed by two hard-fought losses, 1-5 to UCLA and 0-6 to Midland.

The new J.V. coach, John Lavagnino, was greeted with a turnout of twenty-one players. After beginning the season with this large but inexperienced squad, Coach Lavagnino moulded it into a hard-fighting, coordinated team. Unfortunately the J.V.'s were unable to develop an effective scoring punch, but co-captains Gary Hachtel and John Lango

led an aggressive defensive unit. They were capably supported by Neville Black in the goal.

The defensive unit was rounded out by Dick MacAnally and Mike Rusin as fullbacks, Jerry Arenson, Lango, and Hachtel as halfbacks, and Darrell Fleischmann and Jim Wilkinson alternating between fullback and halfback. The offensive unit included Bill Dowd, Al Carlin, Berken Chang, Rusty Marr, Mike Jones, and Gene Robkin.

Other J.V. players who saw action during the season included Clark Carroll, Melvin Neville, and Al Lyon at fullback, Steve Emmanuel, Clint Frazier, and Mike Levine on and line, and Nelson Byrne in the goal.

Blocked kick!

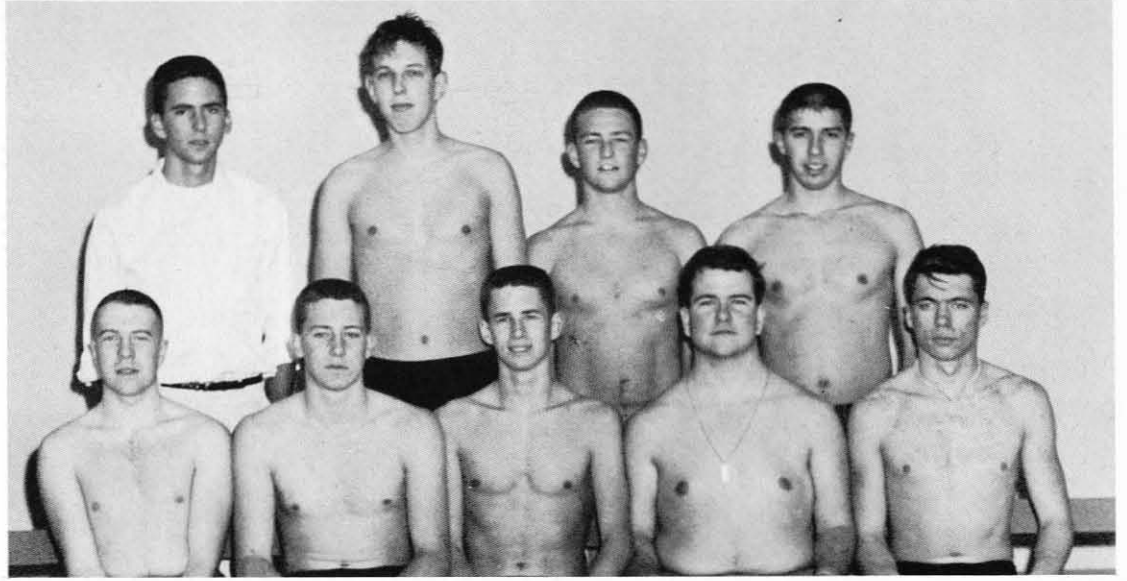


### SCORES

0	.....	UCLA	.....	7
0	.....	Thacher	.....	7
0	.....	Cate	.....	7
1	.....	Webb	.....	4
1	.....	UCLA	.....	5
0	.....	Midland	.....	6

SCORES

1.....	Pomona .....	21
2.....	Oxy .....	8
2.....	LBCC .....	20
0.....	Pomona .....	23
1.....	Oxy .....	10



Left to right: Seated; John Russ, Roger Bland, Bob Ruby, George Homer, John Erskine. Standing; Ken Casey (manager), Pete Mayer, Bob Heath, Tom Tisch.

## *Frosh Water Polo*

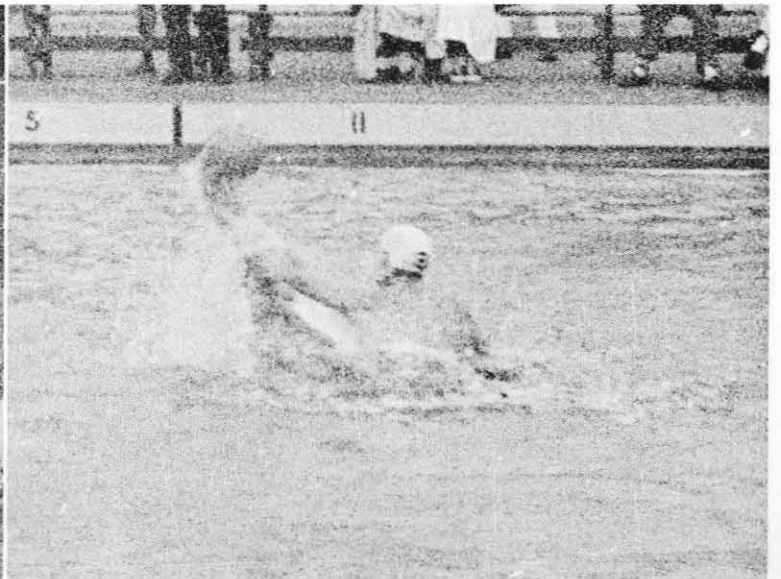
Frosh water poloists battled it out with a number of outstanding Southern California teams this season, including Long Beach City College and Pomona. Although the team won none of their games, it was apparent that a great deal of improvement took place as experience was gained, and this experience will surely show in next year's sophomore varsity members. Emery's begging, coaxing, and whip-cracking revealed a number of particularly promising players, among them Bob Ruby, who was the only man on the squad with high school

experience; Tom Tisch, whose aggressive spirit and swimming ability provided him with a number of fouls and the team with a fine forward and goalie; and Bob Bland, an excellent swimmer who picked up the game rapidly and is another likely prospect for the varsity next season.

All in all, Emery came through with a better-than-average team and men to fill the spots left vacant by the departure of the varsity's seniors. Next season has a lot of promise.



They're ganging up on you.



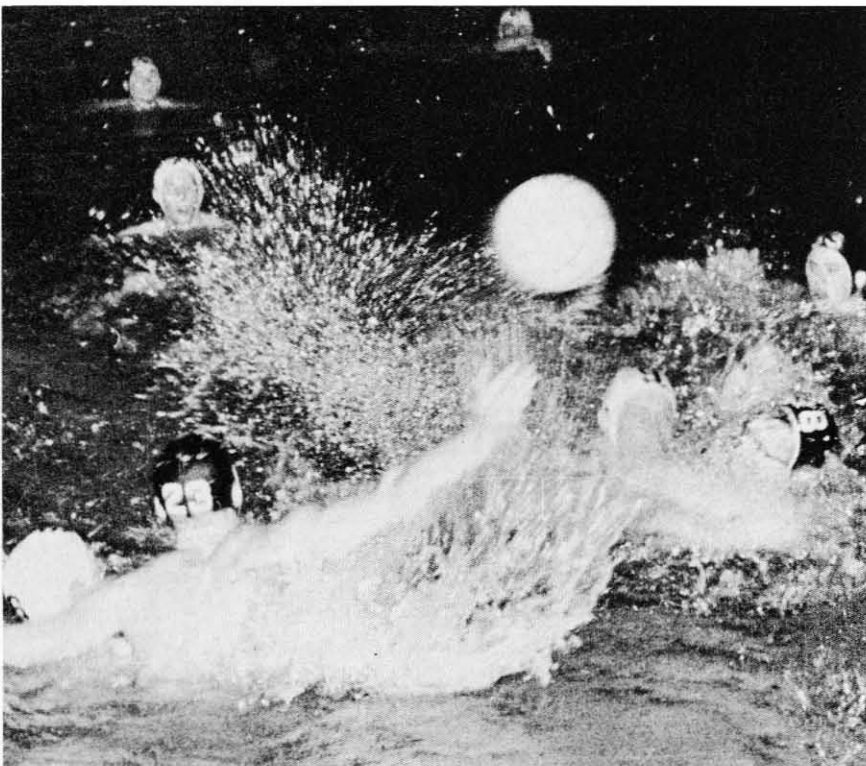
Better get it away fast.



Left to right: Sitting: Bob Smoak, Dave Tucker, Clark Rees, Keith Brown, Vince Taylor. Standing: Web Emery (coach), Bob Blandford, Mike Mann, Bob Pailthorpe, Ted Bate (mgr).

## *Water Polo*

It's getting thick here.



6	LACC	10
0	Pomona	8
3	Oxy	5
4	Fullerton	8
14	L.A. State	5
1	LBCC	14
4	Pomona	7
3	Pomona	7
3	L.B. State	6
7	L.A. State	6
5	Oxy	9

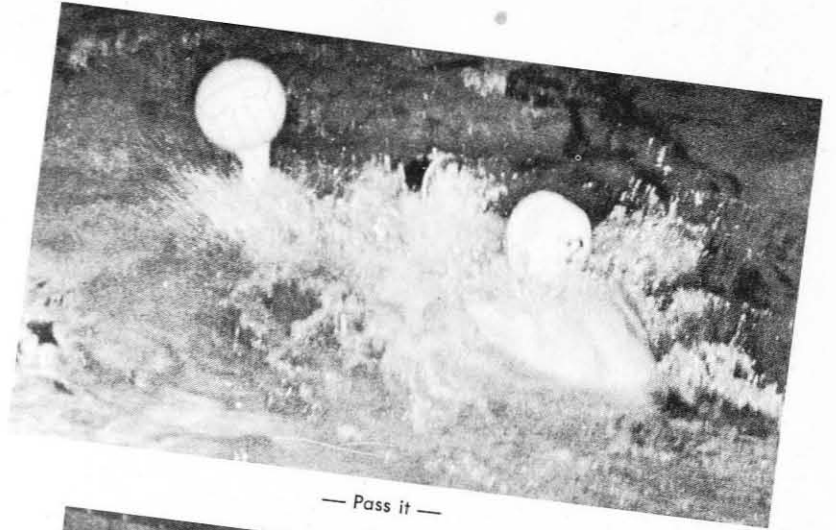
The water polo season at Caltech this year was marked by numerous almost-wins. We had a potentially strong team that not only could have won the league championship, but should have. At the very beginning of the season, after one exhibition game had been played, the plague struck and all but one first string player was out. The pool was closed for a week and a half at a time when work and preparation were needed most. As a result, the first league games were fiascoes. We hardly looked the team we were.

Another reason why the team this year had the earmarks of a "typical Caltech team" was the weakness of the second string. In the last games of the year there was a bench full of nothing to replace first-stringers who had been taken from the game on fouls. Only two second-string men were top quality polists.

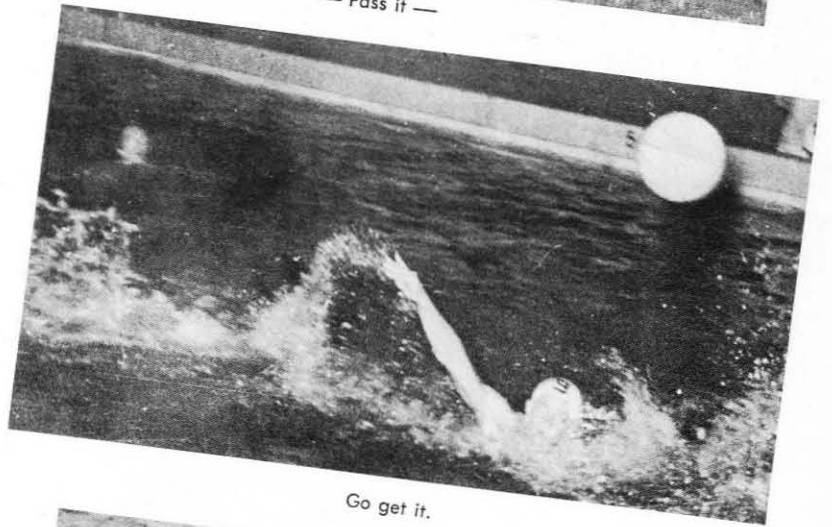
And then there was the conspicuously bad refereeing for which this league is noted . . .

Two men on the squad were honored by All Conference status at the end of the season. They were Clark Rees, center forward, and Dave Tucker who made second string guard. Hardly enough can be said about Rees, for whom this marks the third straight year on the first string All Conference team. Rees won every sprint in every game, scored most of the goals, including one against the U. S. Olympic Team goalie who now plays for L. B. State, and inspired the rest of the team with his guts and drive. Another forward who deserves credit is a very underrated man named Norm Velinty. This is also Norm's obituary as he is no longer with us. All this writer can say is that it will be a long time before there is a player or a person quite like Velinty around again. Other shooters deserving of praise are Bob Blandford—the team's hardest worker, Vince Taylor, Kieth Martin, and Dave Tucker who never took a shot from inside half-court.

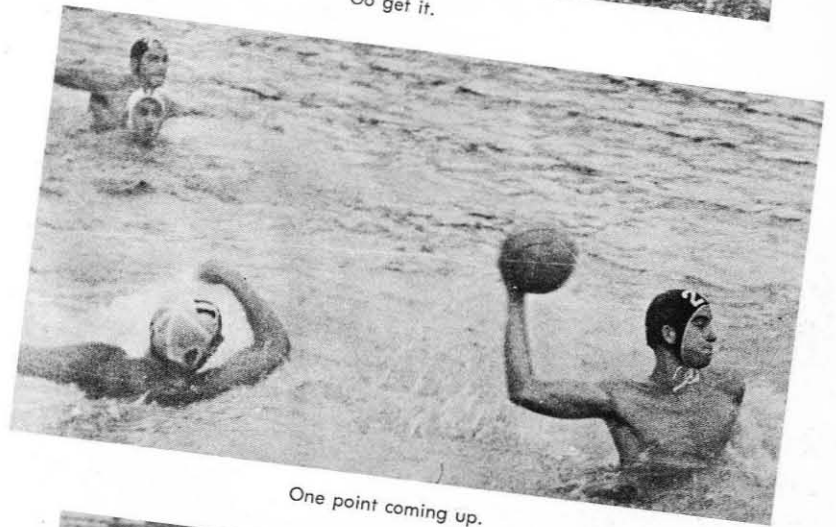
The essence of the defense was Tucker, Velinty, and Bob Smoak—team ruffian. The goalie, Kieth Brown, of whom everyone expected little since he had never played the position before, surprised everyone with his consistently competent and sometimes brilliant saves.



— Pass it —



Go get it.



One point coming up.



Starting some new plays.



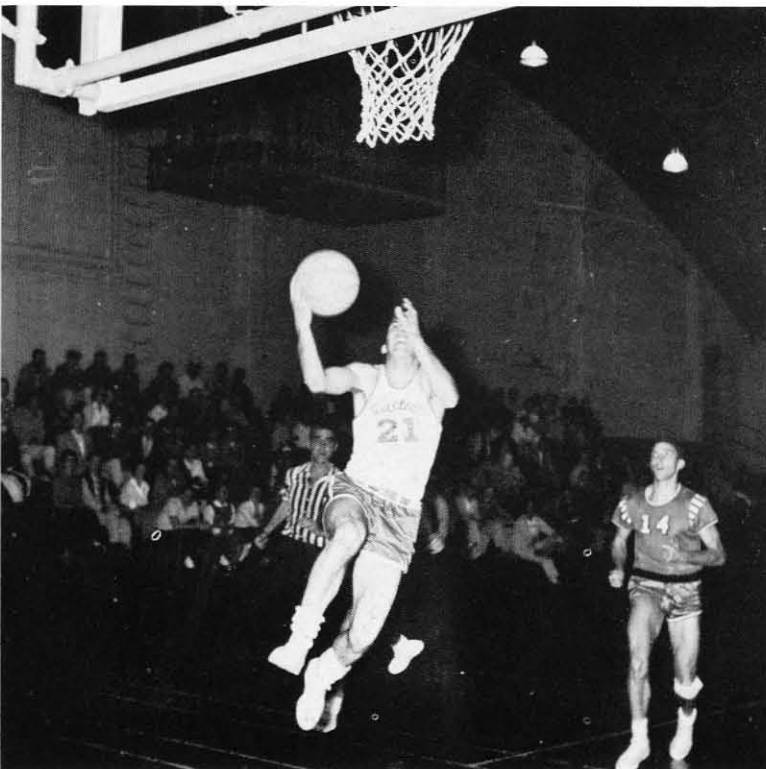


Left to right: front row: Ray Magdaleno, Mel Holland, Dave Blakemore, Jack Bass, Ralph Owen, John Munson. Second row: John Tibbitts, Fred Newman, Bob Emmerling, Dick Van Kirk, Dave Meese, Sonny Nelson, coach Gene Rock. Back row: Ron Parkinson (mgr.), Dave Spencer (mgr.), John Stene, Glenn Converse, Bill McClure, and Len Maley.

SCORES

4	Cal Poly	59
60	Cal Western	56
61	Cal Baptist	54
67	UC at Riverside	50
*63	Pomona-Claremont	72
*52	Occidental	72
36	LaVerne	89
43	Nazarenes	88
*43	Redlands	52
52	LA State	55
*70	Redlands	85
*59	Whittier	73
51	LA State	83
*67	Occidental	72
*42	Pomona-Claremont	70
53	Cal Poly	64
61	Nazarenes	72
*45	Whittier	60
70	UC at Riverside	63
*Conference Games		

# Basketball



A fast break nets two.

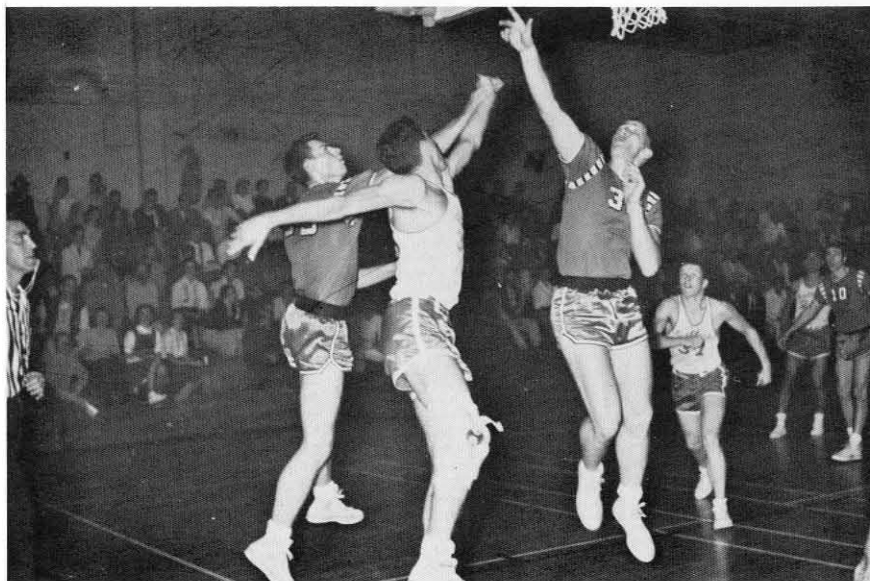


Two points — we hope.

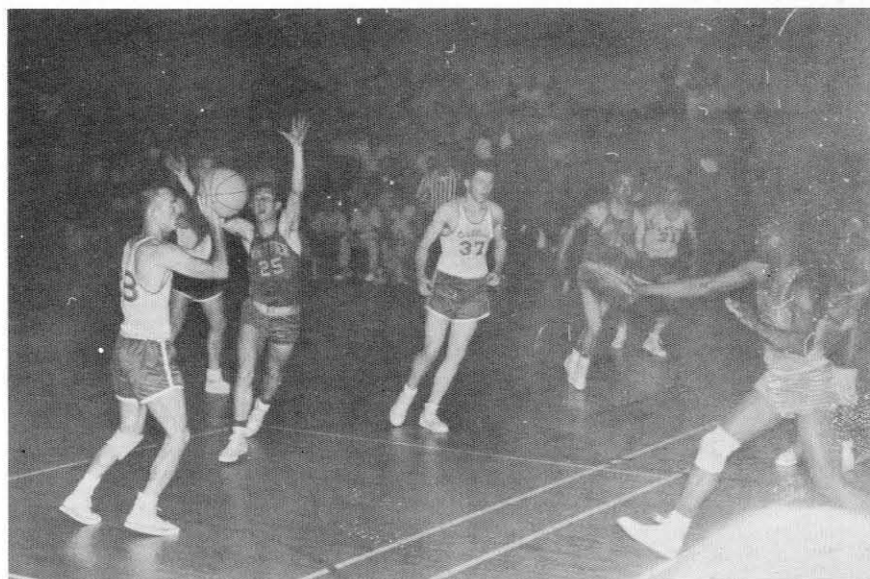
Finishing the season with four wins against fifteen losses, Caltech closed with the best record since 1955. In fact, the four victories were more than Caltech has registered in the combined past two seasons. While no Conference contests were won, the Engineers were not too badly out-classed in most of the league games. Only two encounters were dropped by more than a 15-point margin, while three games were lost by less than 10 points.

It was early in the season that Coach Eugene Rock discovered that while he had a better-than-average starting line-up, adequate substitutes were scarce. His starters included lettermen Captain Glenn Converse, Fred Newman, and Lawrence Nelson, plus newcomers John Stene and Bob Emmerling. Stene and Emmerling, 3-2 transfers from Oxy, were important acquisitions. Emmerling, in this his first experience in basketball, was a clever dribbler, an excellent ball handler and averaged 8 points per game. Stene, who played one year at Oxy, was not only a strong defensive man but was a dependable outside shot, holding an average of 9.6 for the season. This year Nelson played the entire season just to spite all the dire predictions that had been made and finished with a 12.6 average for second highest on the team. Converse had a good year and though only 6 ft 1 in. tall, ranked fourth in the Conference in rebounds with an average of 10 per game. Top performer was Newman, who led the conference scorers with a 18.25 point average and finished with a 19.6 average for the entire season. He was a unanimous selection for the All-Conference team this year, after placing on the second team last year. Letterman Dick Van Kirk, while not a starter, was inserted into the line-up regularly until a dislocated elbow retired him in mid-season. Up to that time he had played better than 50% of the time.

These men played the iron-man role accounting for 86.2% of playing time. Leonard Maley and Mel Holland saw action in about half of the games. No other members of the 17 man squad averaged as much as 3 minutes per game for the season. The team was small by basketball standards, with the tallest men, Converse and Stene, standing only 6 ft. 1 in., but they partially made up for their lack of height by aggressive floor work.



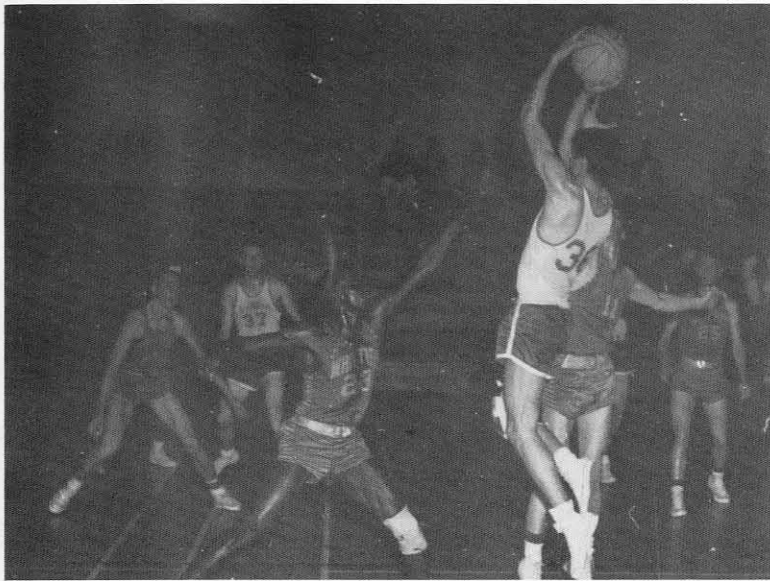
Nelson sneaks one in.



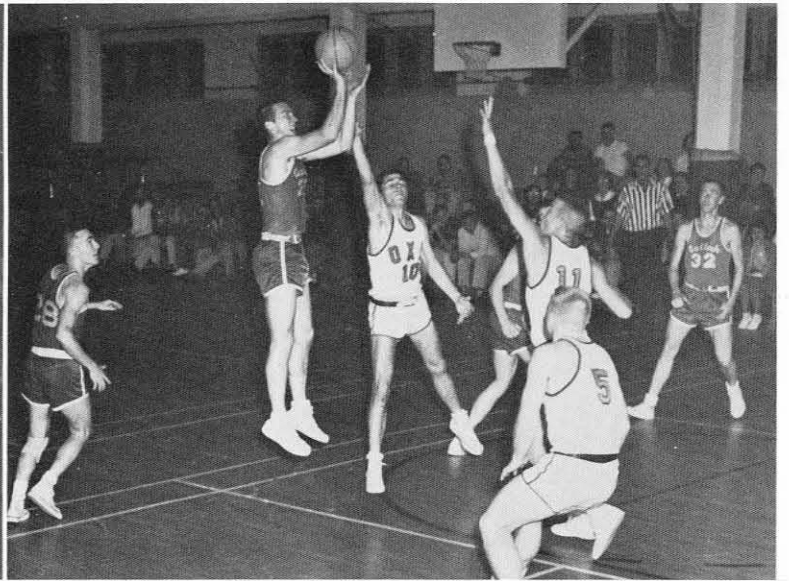
Emmerling gets set.



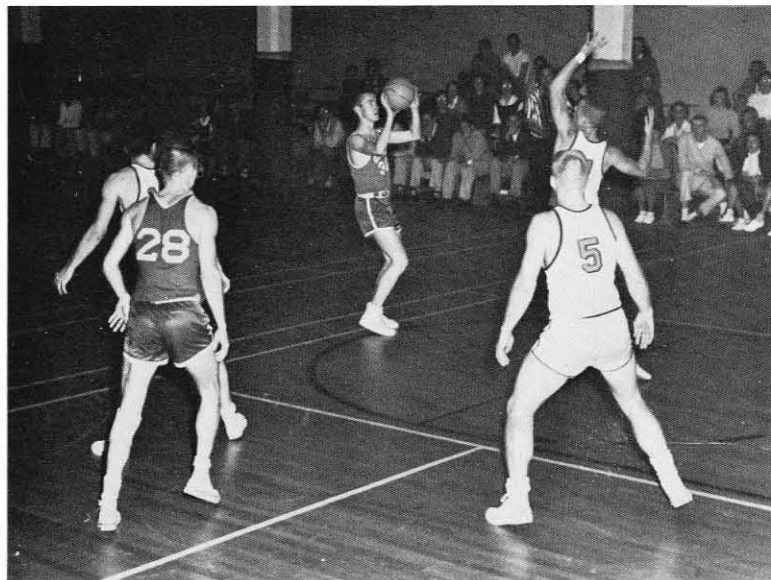
Nelson's up again.



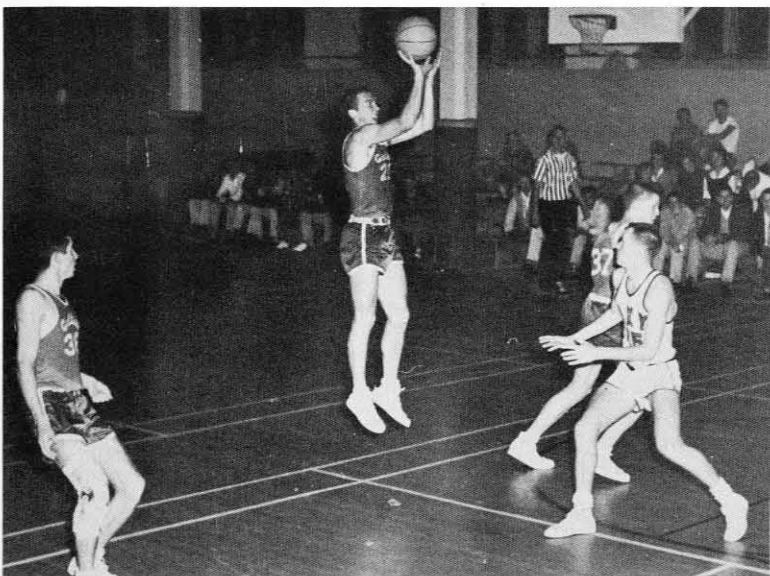
Nelson goes high.



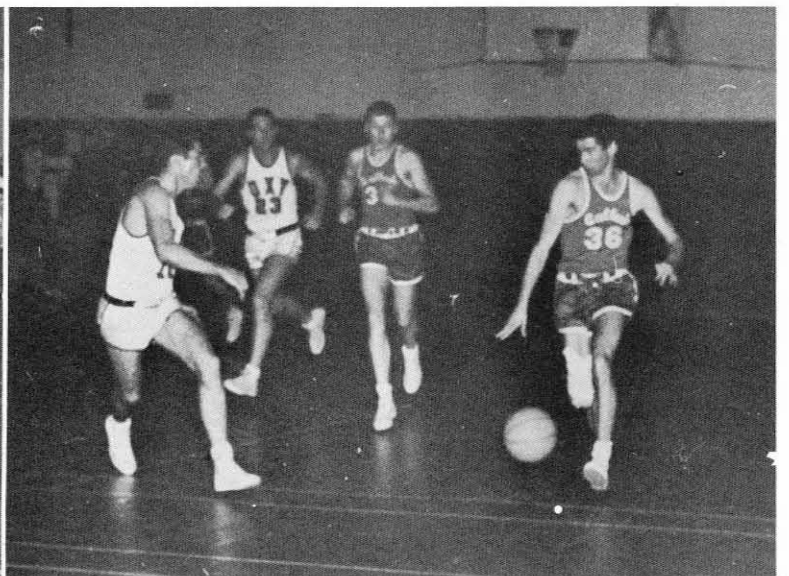
Newman collects two.



Stene gets a set shot.



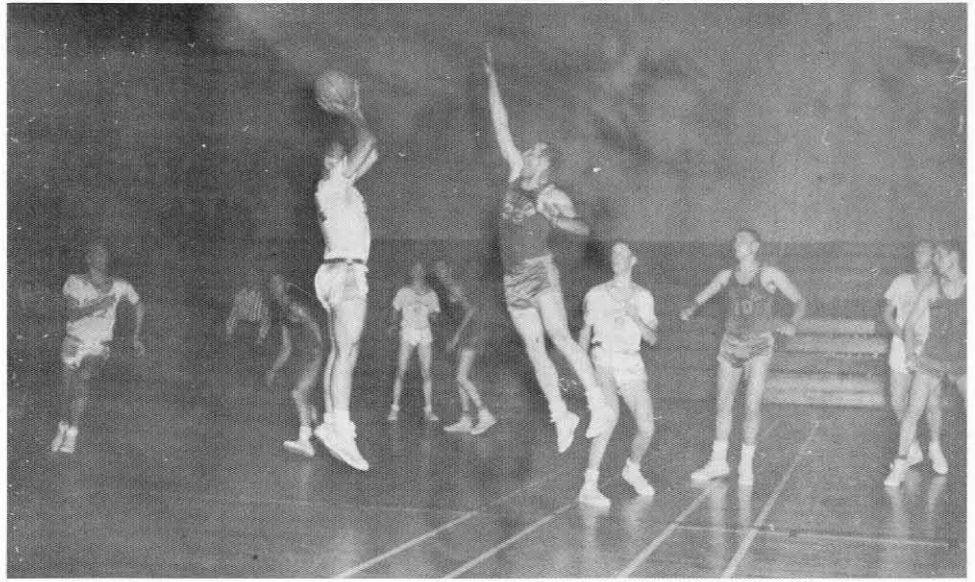
Newman collects two more.



Nelson leads a fast break.

SCORES

51	UC at Riverside	38
39	Pomona	55
46	Occidental	67
54	LaVerne	47
45	Pasadena Naz.	63
41	Redlands	93
39	LA Pac. Coll.	49
37	Redlands	80
39	LA Pac. Coll.	49
37	Whittier	81
43	LA State	78
56	Occidental	97
53	Pomona	61
34	Cal Poly	66
53	Pasadena Naz	56
55	Whittier	74
67	UC at Riverside	40



Two points are on their way.

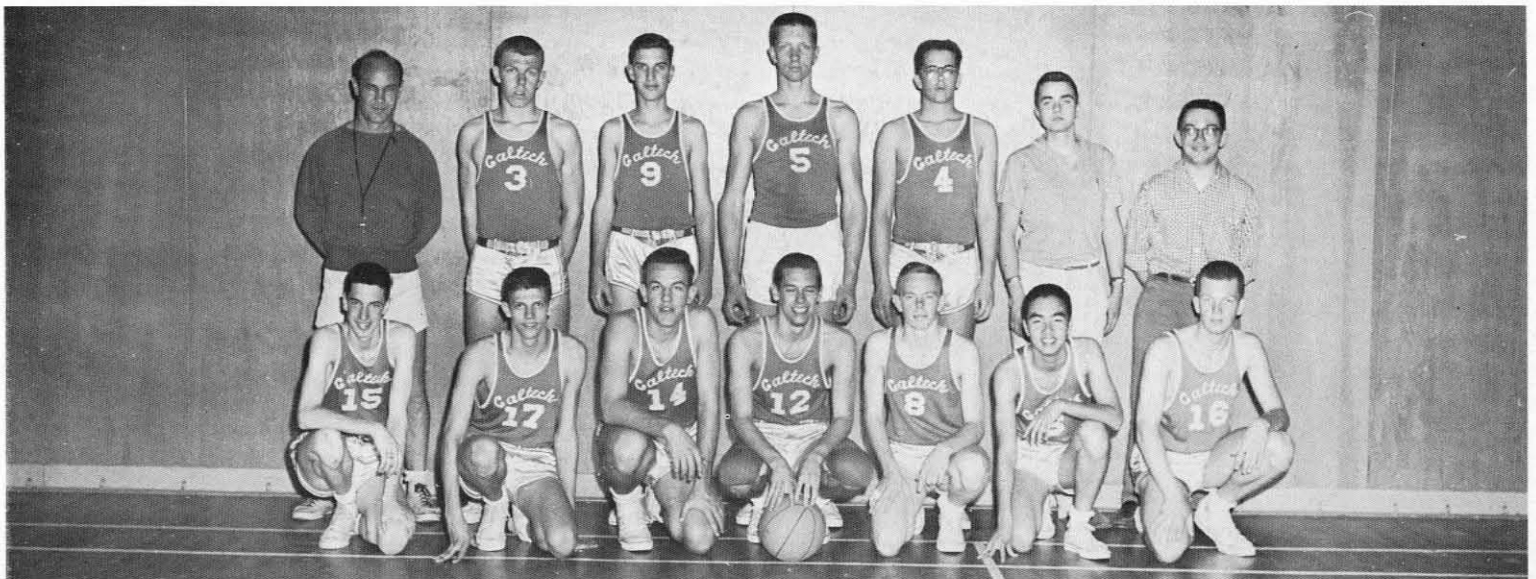
## *Fresh Basketball*

Tech's frosh basketball team this year didn't show up too spectacularly; out of eighteen games played they managed to win only two. The season started out looking fair, but after beating Cal-Riverside 51-38 in their second game the team hit a losing streak that lasted until the last game, again with Riverside, which they won 67-40. There were quite a few bad upsets early in the year, notably with Redlands (93-41 and 80-37) or Whittier (81-37), but towards the end the frosh played some good basketball, one of the best games against the Nazarenes, whom the team managed to keep up with despite difficult opposition all the

way to the end.

Aside from having little experience, a notable difficulty was lack of players; for although about 18 started out, there were only about a dozen men left by the end of the season. Bill Ripka provided a good part of the scoring, for he managed to sink long shots consistently to average over 20 points a game. Offense was the team's main weakness; probably less than 25% of the scoring was made in lay-ins. However, there were a few players who showed quite a bit of promise in developing into good varsity men next year with more practice and experience.

Left to right: kneeling: Bill Dowd, John Stenbit, Larry Shampine, Bill Ripka, Gay Hong, John Stramberg. Standing: coach Ed Priesler, Bob Deemer, Larry Brown, Bob Kerr, Jon Haworth, John Champion (mgr.), and Joel Michael (mgr).





Left to right: kneeling: Bob Emmerling, Dave Teal, Dave Leeson, Tony Howell, Bill Kern (capt.), Dave Blackmore, Dennis Kuli, Dick Dietz. Standing: Nelson Byrne (mgr.), Wes Shanks, Marty Kaplan, Mel Holland, John Walsh, Lance Wallace, John Price, Bob Schenter, Herm Hartung, and coach Ed Preisler.

SCORES

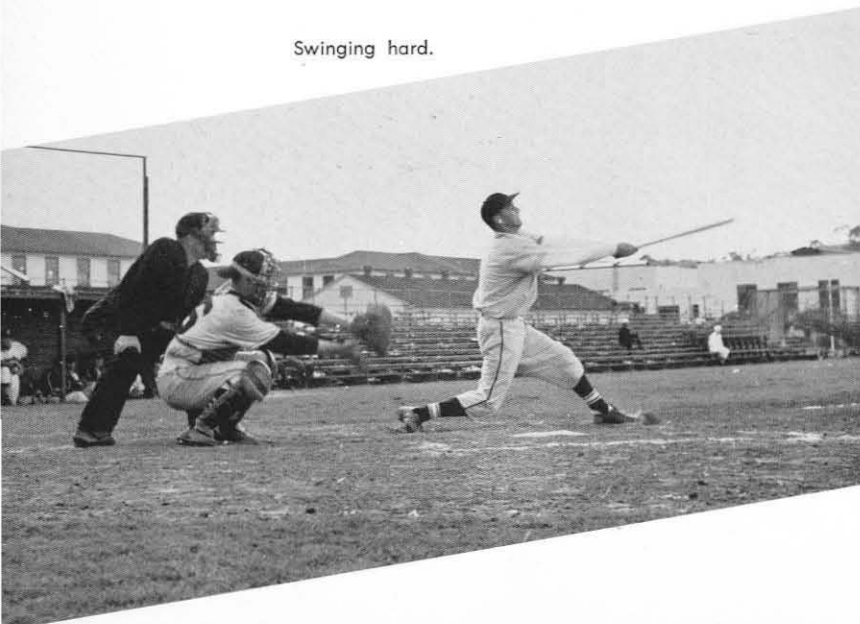
13	Cal Poly	1
0	Cal Poly	5
4	UC at Riverside	5
4	Westmont	5
3	Westmont	1
2	Cal Poly	10
5	LA State	13
3	San Diego Navy	4
9	San Diego U.	12
1	El Toro Marines	8

*Baseball*

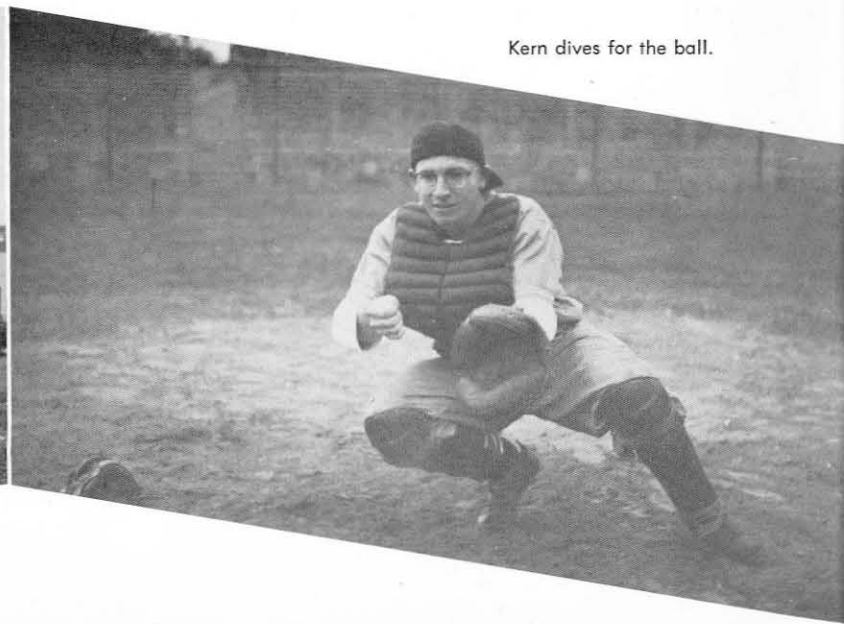
To Be Played  
 Pomona-C Claremont  
 Pomona-C Claremont  
 Cal Western  
 UC at Riverside  
 San Diego U.  
 Whittier  
 Cal Wesern  
 Whittier  
 Redlands

Pomona-C Claremont  
 Redlands  
 Whittier  
 Occidental  
 Redlands  
 Occidental  
 Westmont  
 Pasadena Naz.  
 Pasadena Naz.  
 Occidental

Swinging hard.



Kern dives for the ball.





Emmerling gets set.



Pitcher Howell

### VARSITY BASEBALL

With the season already under way and the team beginning to jell, prospects for a successful season look bright. Big question marks remain in the team's offensive ability and pitching strength.

Depth in pitching is certainly no concern with a six man staff headed by Tony Howell, John Price, and Marty Kaplan. Reserve strength should be good with Sam Trotter, Roger Hoelter, and John Walsh rounding out the corps of hurlers. John Price promises to show the only real fast ball among the starters. However, good control and a large variety of pitches should make Howell and Kaplan effective. The real effectiveness of the hurlers against conference hitters is yet to be determined.

Hitting, or the lack of it, poses the biggest threat to a successful Beaver season. John Walsh and Fred Newman have swung the biggest clubs to date, and Bill Kern shows promise. The team is the fastest in recent years, and runs will score if men get on. But the lower end of Coach Preisler's line-up will have to start hitting if the Beavers are to win.

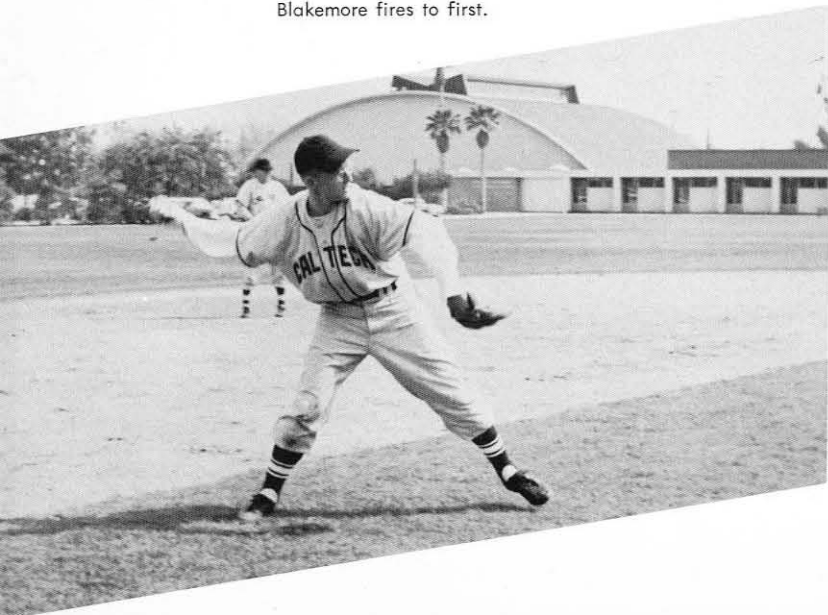
The strong point in the Caltech game appears to be the defense. Catcher Bill Kern should be in the running for All-

Conference honors as should Fred Newman at shortstop. The other infield positions show depth as well as strength with Dave Blakemore and Dave Teal at third, Dennis Kuli and Dave Leeson at second, Bob Schenter and Lance Wallace at first, and Herm Hartung and Mel Holland as utility men. Speed and fine arms should help the outfield of Walsh, Bob Emmerling, Wes Shanks, and Dick Dietz rank among the best. Enemy batsmen will find the going rough against any combination of these smooth working defensemen.

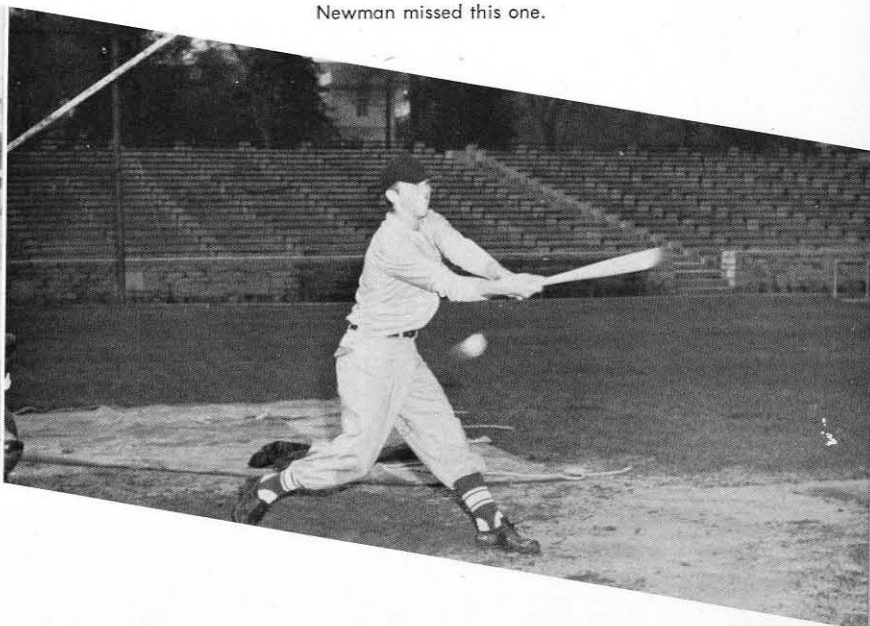
The schedule this year is the heaviest in Caltech's history with sixteen conference games and eighteen exhibition contests. Seven double headers put pitching depth at a premium.

This June will take a heavy toll in the ranks of the battery with Howell graduating from the moundscorps and with no logical successor to Kern behind the plate. But, in general, this is a building year with sophomores and juniors filling all key spots in the infield and outfield. The team can make this year more than just a building year, however, if the pitching and hitting round out. There is every hope that this will happen, and as this is written, the team expects a winning year.

Blakemore fires to first.



Newman missed this one.





Left to right: kneeling: Dick Thompson, John Stramberg, Jon Haworth, Harry Johnson, Skip Stenbit, coach Jack Peterson. Standing: Buzz Merrill, Karl Poole, Leroy Sievers, Bob Oppenheim, Ray Phoenix, and Pat Henry.

SCORES

2	Pasadena Naz. . . . .
	To Be Played
	Redlands
	LA Pac. Coll.
	Pomona-C Claremont
	Whittier
	Pomona-C Claremont
	Redlands
	Oxy
	Pasadena Naz.
	Oxy

## *Fresh Baseball*

The 1958 edition of the Beaverbabes baseball team had a fair turnout at the outset of the season but had only a few seasoned performers. The infield was strong but the outfield and pitchers were inexperienced. It is hoped that by virtue of Jack Peterson's able coaching the team should balance out and have a successful year.

Skip Stenbit led the infield at the hot corner. Karl Pool and Leroy Sievers formed a capable pair at short and second

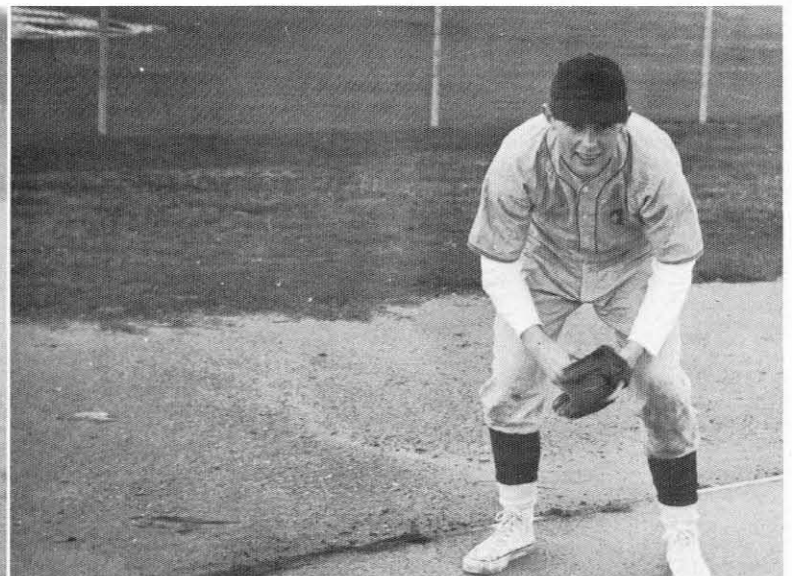
respectively. Dick Thompson covered first and Jim Sasser was expected to fill the gaping hole behind the plate. Harry Johnson, Dan Marks, Ray Phoenix, and Bob Oppenheim patrolled the outfield. Buzz Merrill and Jon Haworth were a promising pair of hurlers.

At press-time the team had dropped 2 games to formidable competition and was expected to hold their own in league competition.

Stenbit



Poole



## SCORES

4th Conference Relays

To Be Met

Redlands

Pomona-C Claremont

Whittier

All Conference



Left to right: kneeling: Pete Lippman, Jim Blackmon, John Weaver, Howard Egeth. Standing: Bert La Brucherie (coach), Hugh Kieffer, Mike Ruecker, Neil Richardson, and Claude Fiddler (coach).

## *Fresh Track*

This year's Beaver frosh team was hampered by the excessive rain. When the skies cleared for a brief spell, they came in second in a tri-track meet with Cal-Tech varsity and Pas Naz by a fair margin.

Some of the records to date were set at that meet. The pole vault record was set by John Weaver who vaulted over eleven feet five inches.

Doug Stewart set the discus throwing record this year at Cal-Tech by his toss of over a hundred and eighteen feet.

Doug also throws the shot put. He shows great promise to improve on his performance in his future years.

Dave Ruecker was one of the top all-around participants in this year's track events, excelling particularly in the 880 and high hurdles.

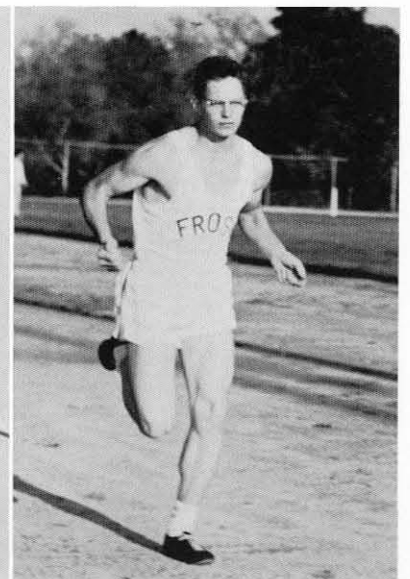
Filling in the gaps was the remaining team. Running were Egeth, Burke, Sajdera, Domer, Lippman, Loebbaka, and Richardson. Keith, Leibovich, and Blackmon brought up the field events.



Doug Stewart



John Weaver



Mike Ruecker





Barienbrock

## *Track*

Coach Bert LaBrucherie's varsity all-weather trackmen found themselves washed-out at the season's beginning. With two of the scheduled four meets cancelled plus limited practices, the Caltech men still swamped Pas Naz and took third in Conference relays at Redlands. Good individual performances gave Tech four firsts in javelin, high jump, broad jump, and the mile relay, with a second in the one hundred yard dash.

Scoring the winning points were Dick Van Kirk, Ed Krehbiel, Ron Forbes, and Steve Ahrens in the hard luck but winning relay team; Lanny Lewyn in the javelin; Gordon Barienbrock in the high jump; and Dick Van Kirk in the broad jump.

Top men in the sprints were Krehbiel, Dick Herlein, Van Kirk and Forbess. In the quarter mile Tony Leonard looked best, while in the half mile he appeared close to his own school record. In the hurdles the choices were Van Kirk and Krehbiel. Top weight men were Russ Pitzer in the shot and discus, Lanny Lewyn and last year's Frosh-conference record holder Lannes Purnell in the javelin. Strong in the middle distances were Mike Rusch, Tony Leonard, and Van Kirk.

Dick Herlein and Al Laderman led the varsity in the pole vault while broad jump honors fell to Dick Van Kirk who appeared close to his own school record.

Two newcomers to the team illustrated the unplumbed depths of the potential among Techmen; Tom Gunckel in the broad jump and Bob Jewett in the high jump and pole vault. Both had "arrived" after only two weeks of practice.

This year's frosh trackmen plus the underclassmen varsity men make the prospects for the 1959 season hopeful despite the loss of seniors Barienbrock, Gunckel, Herlein, Konrad, Krehbiel, Rusch, and Van Kirk.

For this season the team looks good to take third in our strong track conference, the apparent lack of depth in any event holding the team back.

Left to right: kneeling: Dennis Paull, Al Laderman, Jon Uncapher, Tony Leonard, Ron Forbess, Dick Van Kirk. Standing: coach Claude Fiddler, Dick Herlein, Lanny Lewyn, and coach Bert La Brucherie.

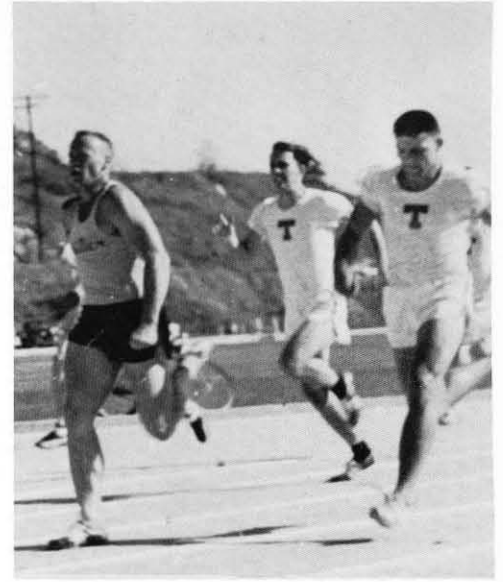




Ron Forbess



Lannes Purnell



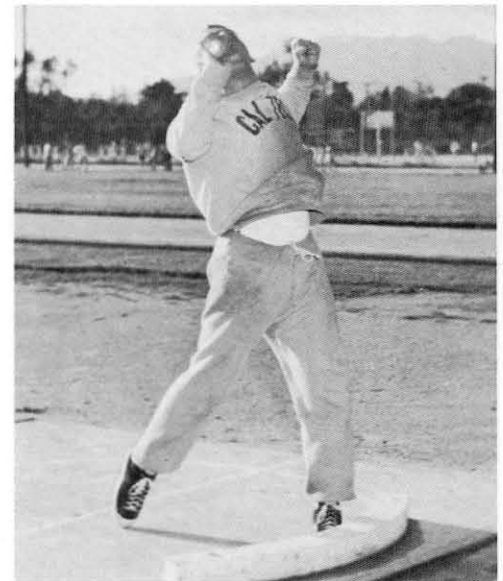
Ed Krehbiel



Dick Van Kirk

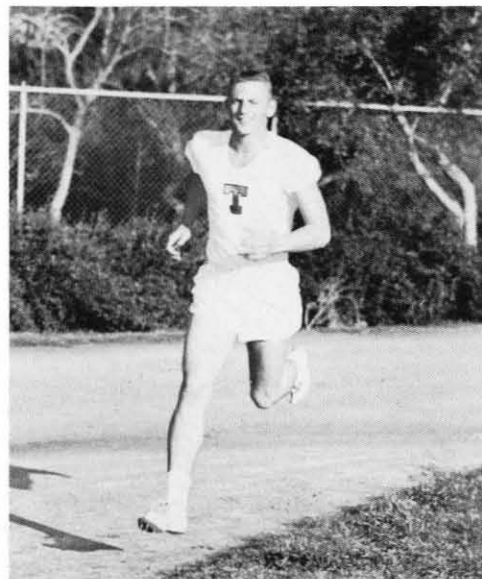
Dick Herlein

SCORES  
3rd Conference Relays  
To Be Met  
Redlands  
Pomona-Claremont  
Whittier  
Cal Poly and Westmont  
All Conference  
Fresno Relays  
Redlands Invitational

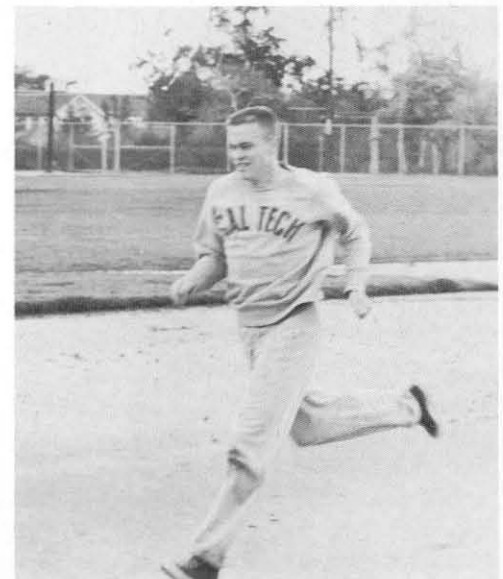


Russ Pitzer

Steve Ahrens



Tony Leonard





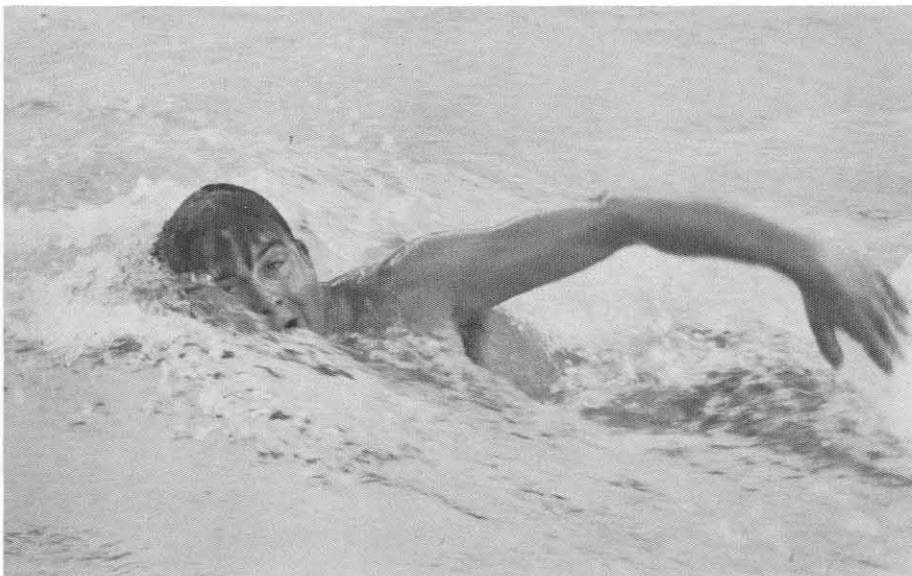
Left to right: sitting: Mike Milder, Bob Pailthorpe, Bob Smoak, Keith Brown, Bob Blandford, Don Owings. Kneeling: Dick Fiddler (mgr.), Doug MacClean, Gordon Hughes, Pete Rony, Dave Tucker, John Asmus, Phil Thacher. Standing: Web Emery, Gerald Wilhemy, Miles McLennan, Gerhard Klose, Paul Widess, Bob Maltz, Gary Zimmerman (mgr).

## *Swimming*

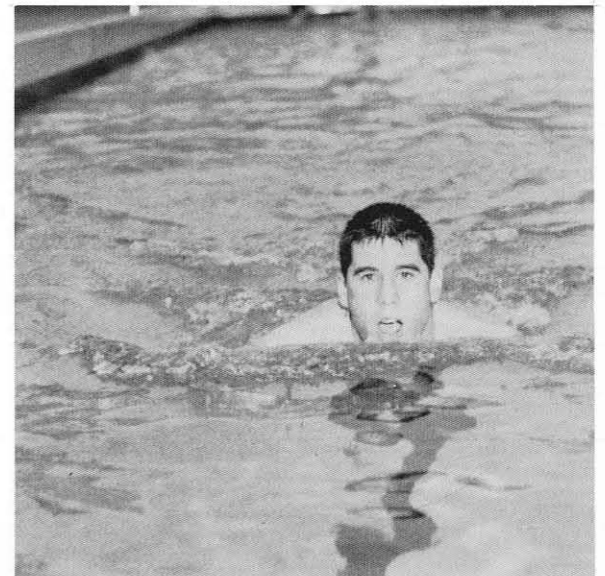
SCORES	
50	LA Ath. Club .....35
49	Santa Monica .....37
61	Fullerton .....24
51	L.B. State .....35
1st Conference Relays	

To Be Met

Bakersfield JC and PCC  
 Arizona  
 Santa Barbara  
 Pomona  
 Redlands  
 Whittier  
 Occidental  
 Conference



Clark Rees—enough said.



Breast Stroke—Owings.



Smoak churning.



Rony gathering points.

Caltech's Varsity swimmers were off for a good season as they won their first six consecutive encounters. For the second year in a row they were on top at the Conference Relays at Redlands. They beat Fullerton for the first time on record, and beat Santa Monica to end a jinx that had cursed recent Beaver meets with that team.

Warren Emery's coaching skill, the perseverance of the swimmers, and the experience of the returning lettermen contributed to this fine record.

Medley relay teams were built around Smoak, Owings, and Blandford. Rees, Brown, and Rony swam the final 100 yards free style for this event. Pailthorp, Tucker, and McLane worked with these men for the 400 Freestyle Relay. This group had a perfect score for relays raced during the first half of the season, and gave strong indications of completing

the schedule in the same manner.

The free-style men, headed by Rees, Brown, and Rony, were Blandford, McLane, Smoak, Asmus, Hughes, Muraoka, Seltzer, and the Maltz brothers. For distance events the honors went to Thacher and Tucker.

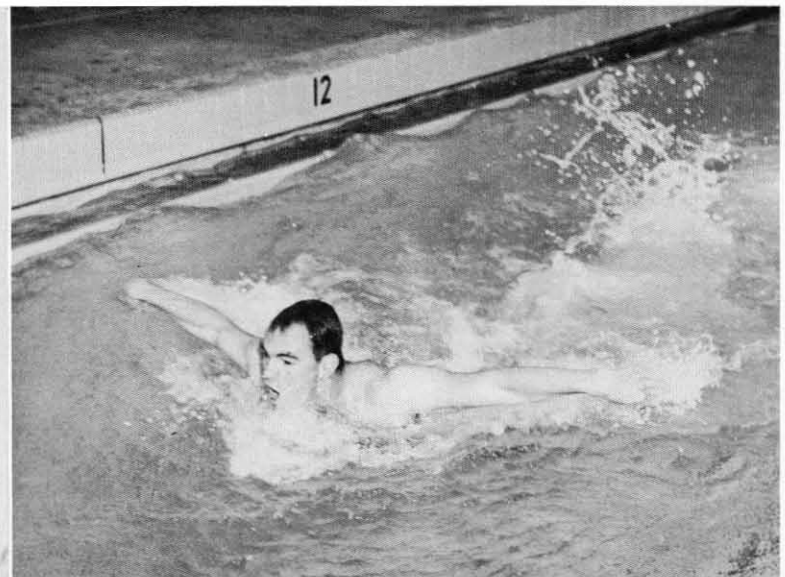
Butterfly and breast-strokers Owings, Blandford, Pailthorp, Widess, and Klose brought in many points for the team. Owings set a record in the 200 Butterfly at the Bakersfield-PCC meet. Backstroke competition was taken care of by Smoak, Milder, Wilhelmy, and Dunham. High scoring divers this season were Rony and McClennan.

While the team manufactured the winning points, the managerial staff under Fiddler and his two assistants, Lawler and Zimmerman, recorded them for posterity. This season was one that Techmen will want to remember!

Brown's fast start.



Blandford's good butterfly.





Left to right: kneeling: Pete Mayer, John Erskine, Roger Bland, Gary Tibbetts. Standing: Ron Gatterdam (mgr.), Tom Tisch, George Homer, Hayden McCurda, Mickey Lindner, and coach Web Emery.

SCORES  
 4th Conference Relays  
 22 Flintridge .....59

To Be Met  
 Pomona  
 Redlands  
 Whittier  
 Oxy  
 Conference

## *Frosh Swimming*

This year, as in years past, the Frosh webmen have been working hard preparing to fill the vacancies in next year's varsity team. Adding to this already strong team will not be an easy task, but the Frosh seem more than capable of doing so.

The most promising individual is John Erskine who, with his powerful backstroke, has kept the varsity backstrokers hard-pressed to stay ahead. The hardest working swimmer of the group is the distance man, Gary Tibbetts. He has already turned in several good times in the 220 and 440 yard

freestyle events and should improve rapidly with experience. The breast stroke and butterfly are Pete Mayer's specialties. The seeming ease with which he executes his powerful kick and stroke shows a tremendous promise of what is to come.

Rounding out the team are the short distance free-stylers Roger Bland, Dave Eberhardt, Bob Heath, George Homer, Hayden Macurdo, Micky Lindner, and Tom Tisch. Each has shown ability to turn in a fast 50 or 100, and together they form a good 400 yard freestyle relay team. With hard work and experience they should show marked improvement.

Backstroker Erskine.

Pete Mayer.



To Be Played  
 Pasadena CC  
 UC Riverside  
 Pomona-Claremont  
 Arizona U.  
 Whittier  
 UC Riverside  
 Occidental  
 So. Calif. Golf Tourn.  
 Whittier  
 Pomona-Claremont  
 Occidental  
 Conference



Left to right: Jon Tibbitts, Ed Shuster, Wayne Kreger, Joe Cointment, coach Don Turcotte, and Jim Sorenson.

## Golf

The Caltech linksters guided by coach Don Turcotte and faced with a tough schedule this year, will be utilizing the talents of three veteran seniors, one inexperienced junior, and three inexperienced sophomores to produce what should be a good year for golf.

The team is led by senior Ed Shuster, a middle-seventies shooter who took third place in last year's individual conference finals. Great things are also expected of sophomore Jerry Siegel, a man short on intercollegiate experience but long on the skills of golf. Siegel is another low handicap fellow who should be a consistent point winner for Caltech.

The only other men on the team with experience are Wayne Kreger and Jon Tibbitts, both returning lettermen. Kreger is a long-ball hitter, while Tibbitts relies on his short game to rake in victories.

The other three men who will undoubtedly alternate in the final two positions on the team are junior Joe Cointment and sophomores Jim Sorenson and John Bard. All three have shown up well in pre-season matches and should improve

with additional experience.

At the time of the writing of this article, Caltech had played but two matches. Although putting up a good showing, the team came out on the short end of the score on both occasions.

Future matches will include such opponents as the University of Arizona, Whittier, Oxy, Pomona-Claremont, and UC at Riverside. The individual matches with these schools will be climaxed by the annual Conference Tournament to be held this year at Los Serranos Country Club, the home course of Pomona-Claremont.

The team will also participate in the annual Southern California Intercollegiate Tournament, a thirty-six hole affair held this year at the La Jolla Country Club. This should be the highlight of the season.

An improvement on last year's third place conference finish is the goal set by this year's squad, and the chances are very good that they will succeed.

Easy does it.



Shuster driving.

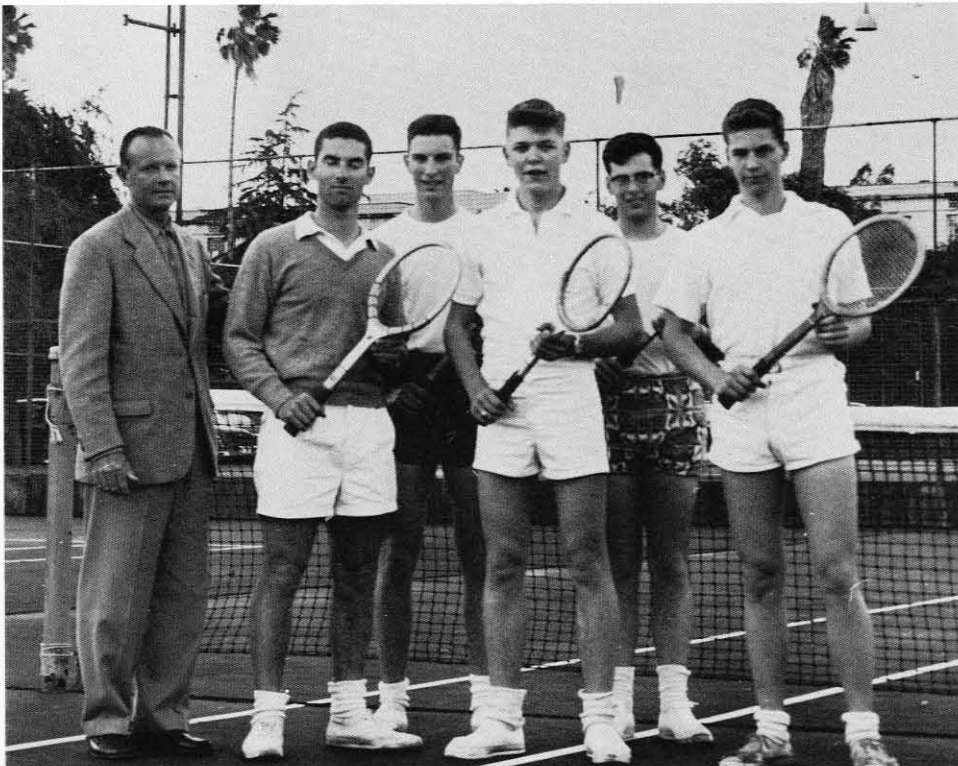




Left to right: front row: Dave Butterfield, Charles Antoniak (mgr.), Frank Cormia. Back row: coach John Lamb, Carl Morris, Read Warriner, Clint Frasier, and Phil Reynolds (plyr).

## Tennis

Left to right: Coach John Lamb, Joel Yellin, Bob Quigley, John Lohman, Steve Hechler, and Rusty Marr.



## FROSH TENNIS

The 1958 frosh team has been having an educational season. Previously unexposed to Coach John Lamb's tutelage, the fellows have been learning the tricks of conference play the hard way. After eking out a 4 to 4 tie with South Pasadena High School, they fell victims to the frosh of Oxy and Pomona. Next term they will be applying some of their valuable experience.

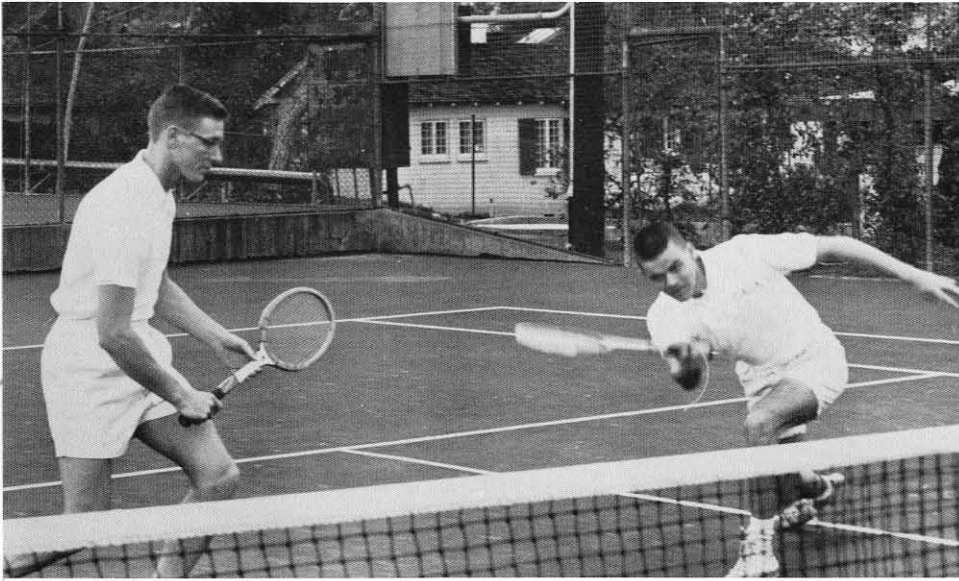
Joel Yellin, Stephen Hechler, and John Lohman have held down the first three singles places followed by Rusty Marr, Bob Quigley, and Dave Zimmerman in that order. Graduation will open two places in the varsity lineup for these players to fill in 1959.

## VARSITY TENNIS

1958 shapes up as a lean year for the tennis team. Early in the season, third singles man, John Walsh, was wooed away by baseball for his hitting and outfielding skills. His spot has been hard to fill. Team captain, Frank Cormia, has played well in his second year in the first singles position. Veteran Bob Tokheim, at second singles, has the team's best win-loss record. Letterman Read Warriner is playing third singles. Carl Morris, Clint Frasier, and Dave Butterfield fill out the squad in that order. Reserves are Phil Reynolds and manager, Chuck Antoniac.

After edging past P.C.C., the team went down 7 to 2 before pre-season favorite, Oxy. Pomona and then Whittier, to everyone's dismay but the Poets, followed suit. The Redlands match was postponed until third term when the Beaver netmen will begin an uphill fight to capture their usual third place in the conference. Certainly Coach John Lamb will guide them there if anyone can.

Tokheim and Warriner will be lost through graduation, but Joel Yellin, Steve Hechler, and others will be moving up from the frosh.



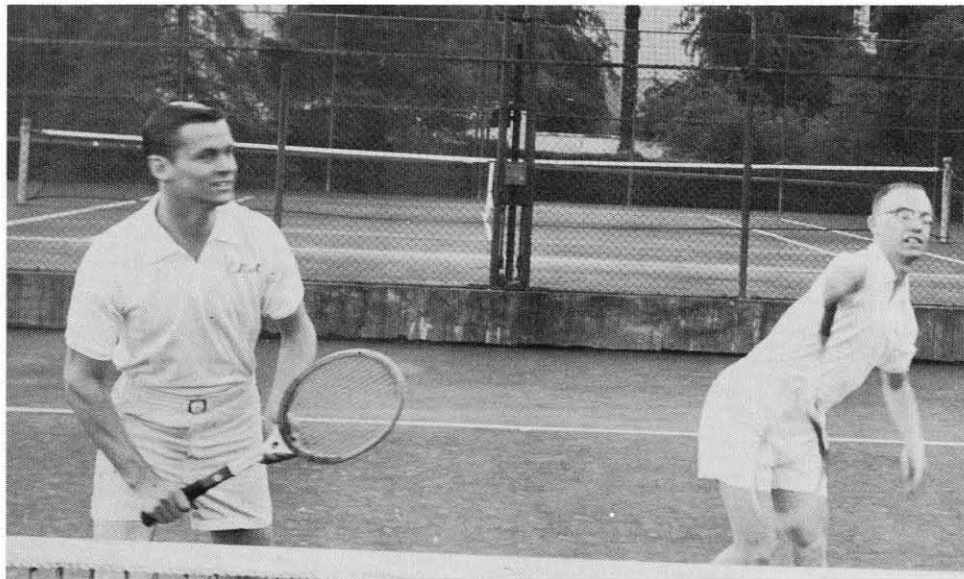
Frasier and Cormia

VARSITY SCORES

5	P.C.C. ....	4
2	Oxy .....	7
1	Cal Poly .....	8
2	Pomona-Claremont ..	7
4	Whittier .....	5

To Be Played

- Cal Poly
- U. of Arizona
- Oxy
- Pomona-Claremont
- Whittier
- Redlands
- Redlands
- Conference Tournament



Morris and Butterfield

Hechler and Yellin

FROSH SCORES

4	South Pas. High .....	4
2	Oxy .....	7
0	Pomona-Claremont .....	8
1	Webb School .....	8

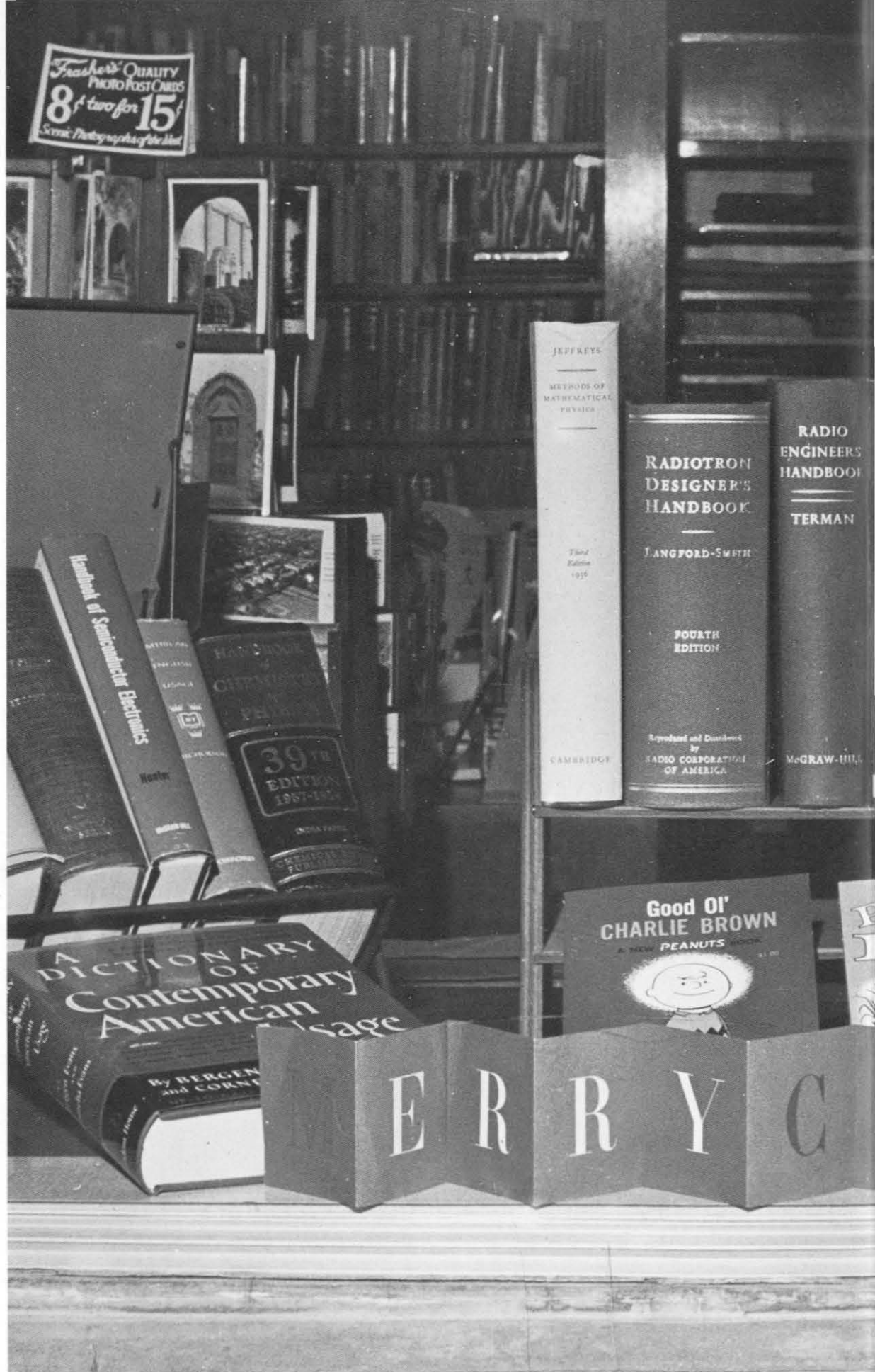
To Be Played

- Pomona-Claremont
- Redlands
- Conference Tournament



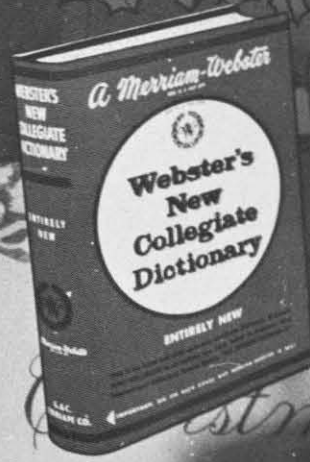


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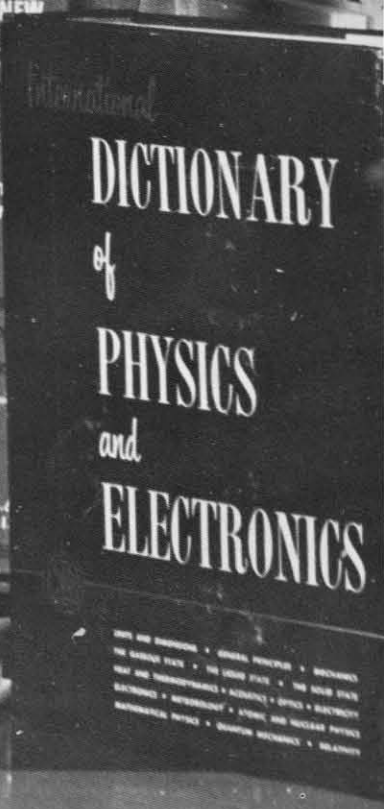
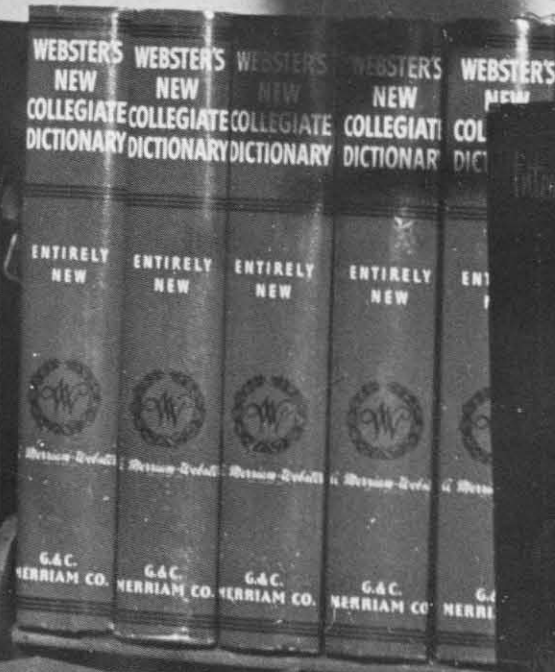
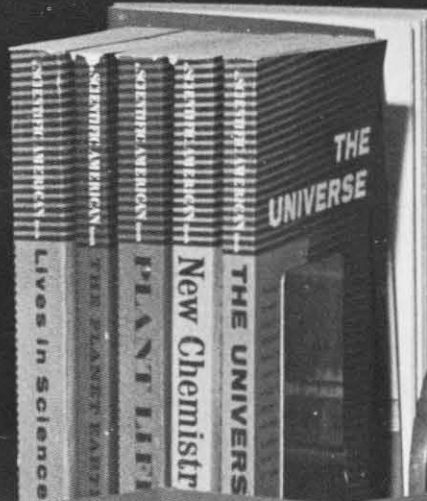
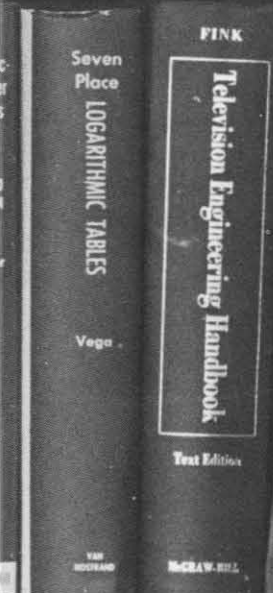
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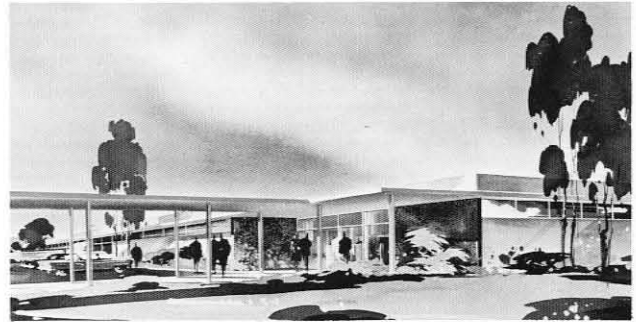
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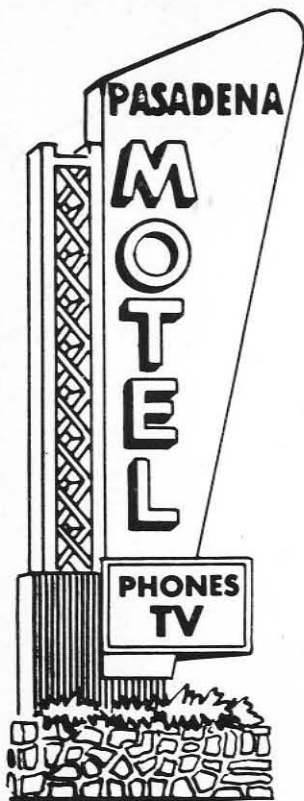
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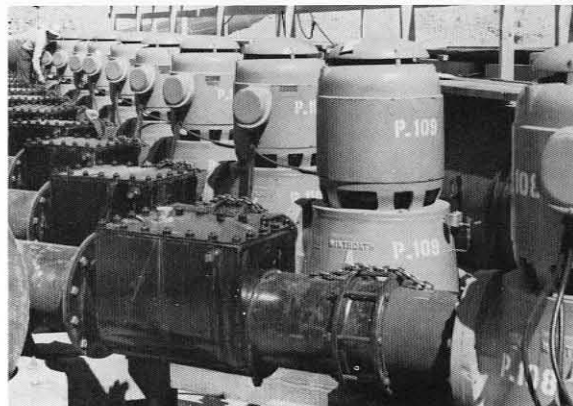
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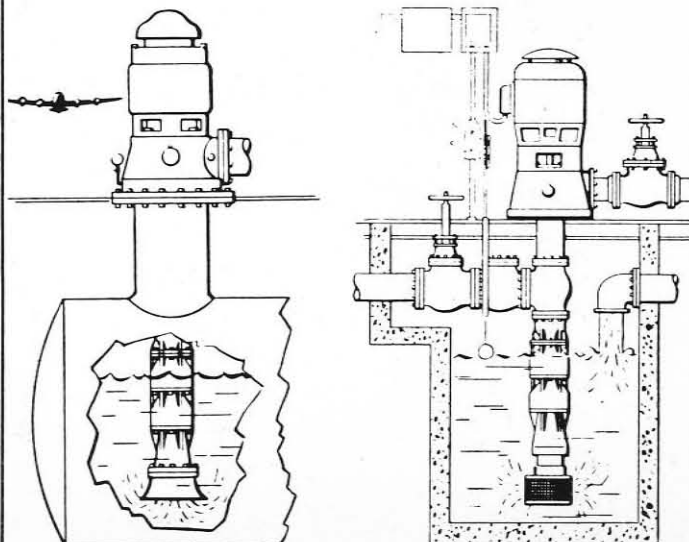
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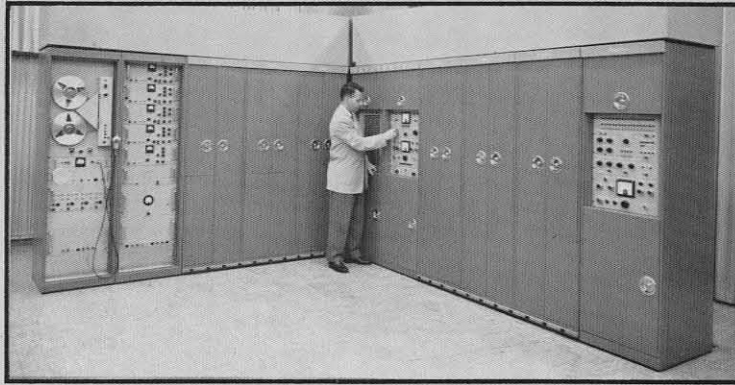
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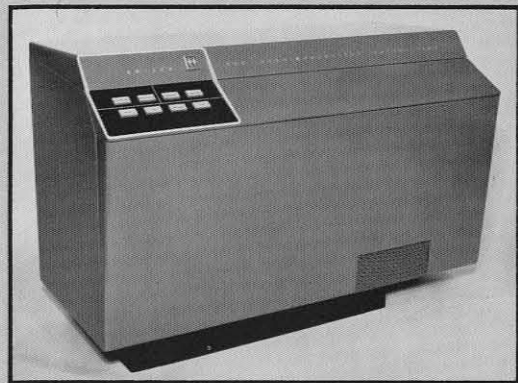
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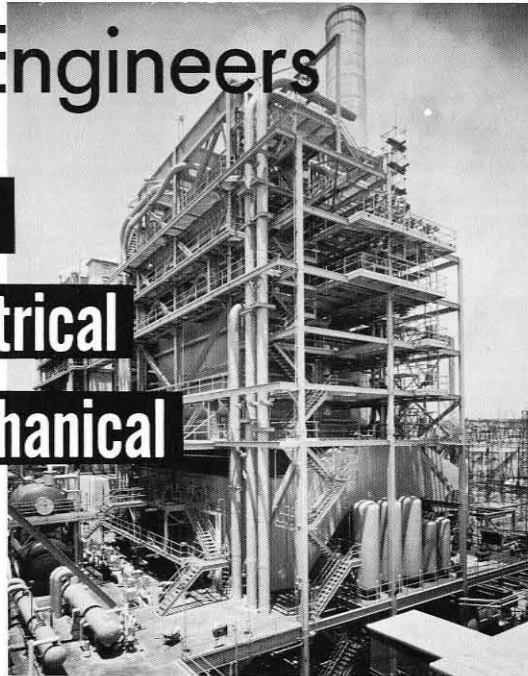
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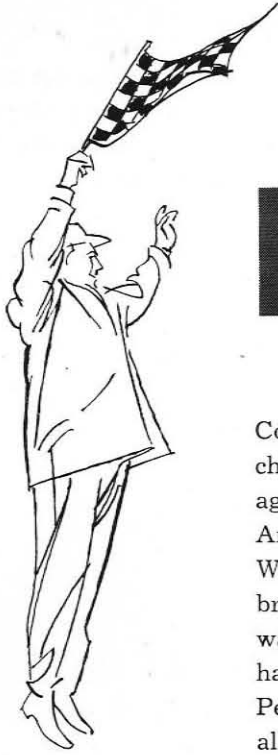
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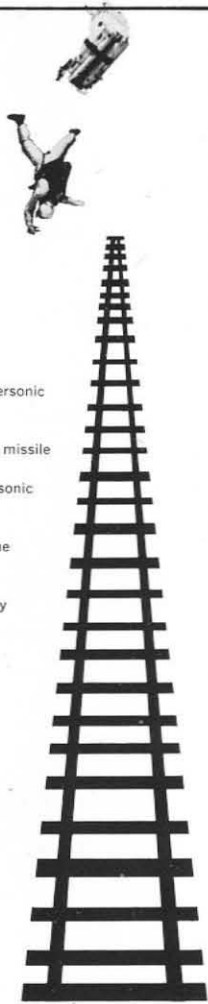
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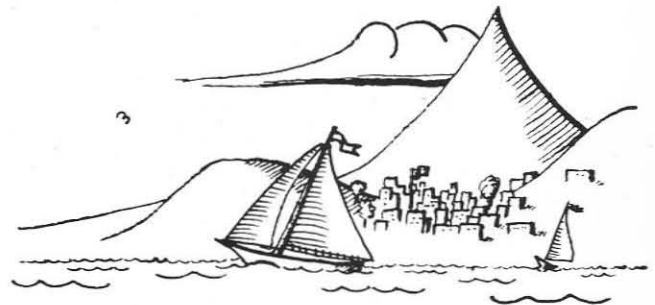
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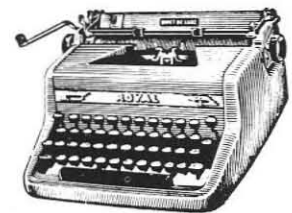
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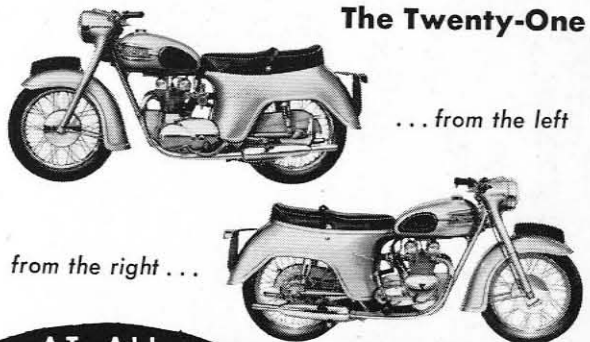


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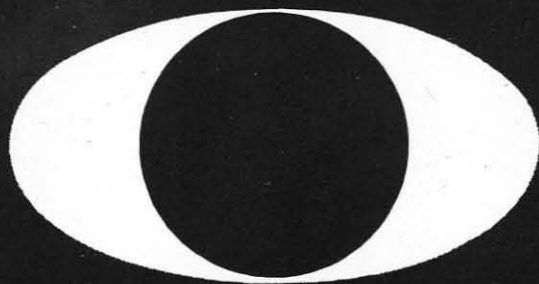
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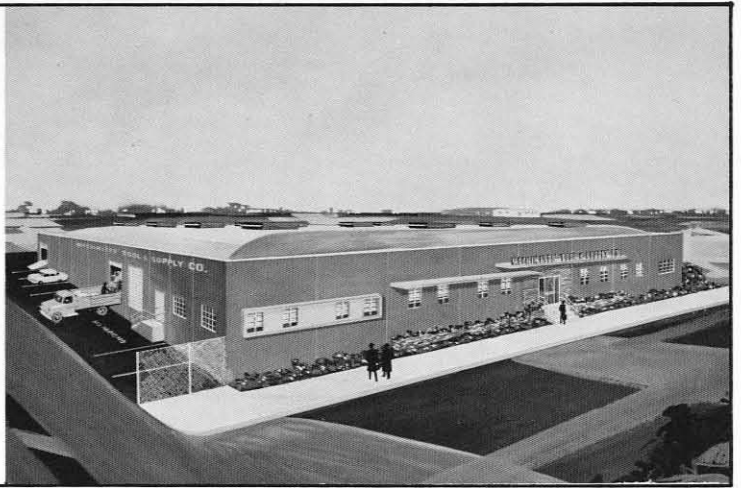
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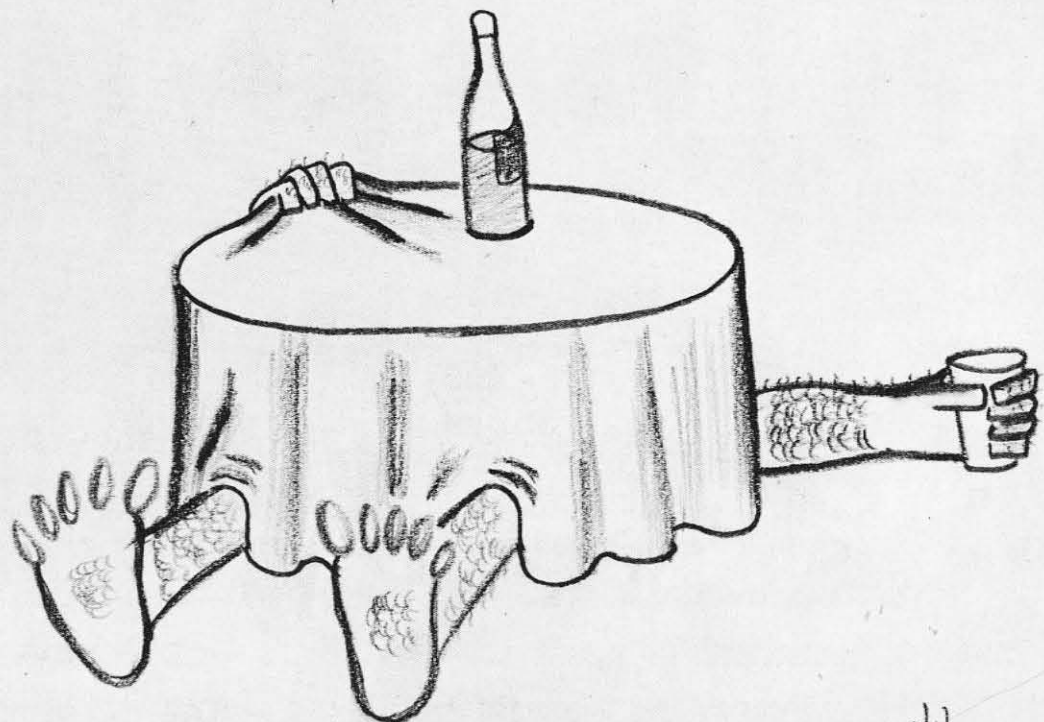
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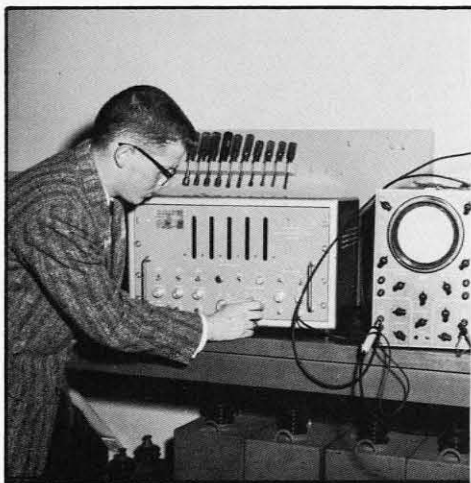
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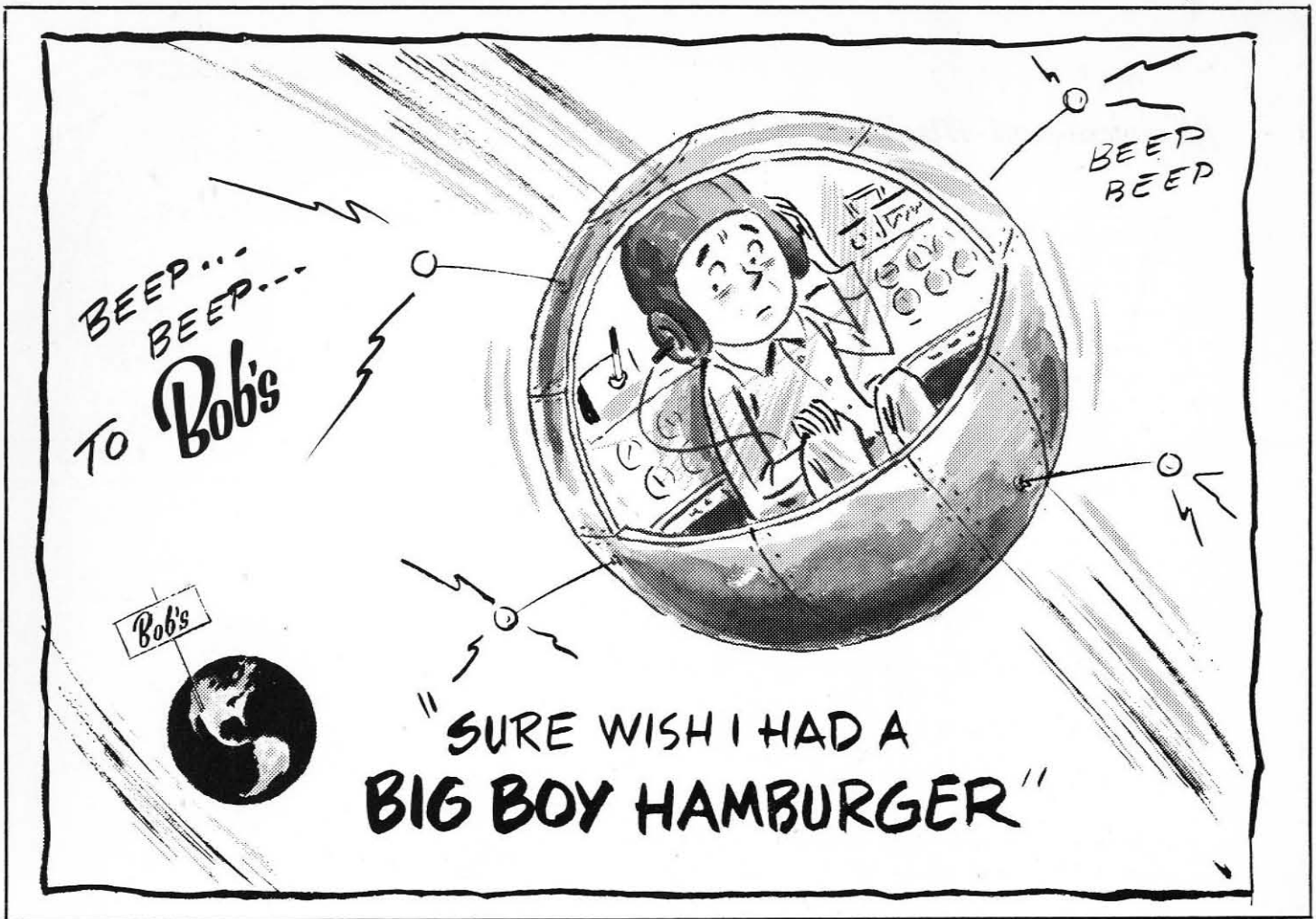
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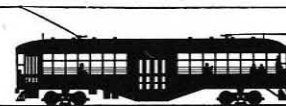
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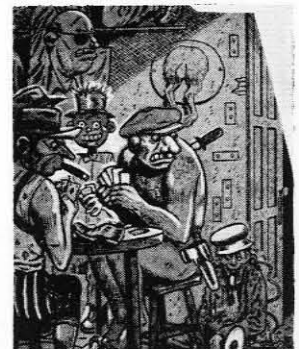
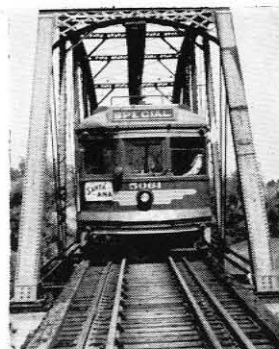


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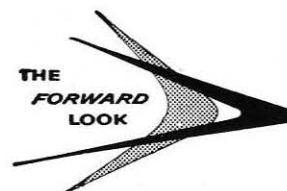
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left: Chrysler New Yorker takes first place in Class "C" driven by George Alsbury.

right: Mel Alsbury Jr. is the first driver to win the Sweepstakes for three consecutive years in the 22 year history of the Run. On the left is Mel Alsbury Sr.



The Imperial Crown and Chrysler New Yorker finish together at the end of the 1958 Mobilgas Economy Run in Galveston, Texas.

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Dr. DuBridge speaks to the alumni during the dedication of the pool in 1955.

## *Caltech Alumni*

Caltech undergraduates know the Alumni Association best for the gymnasium they helped finance, and, in particular, the magnificent new swimming pool they built. Though the association has never asked the Board of Trustees to fire a football coach, it has shown an active interest in many phases of campus activities. The Alumni Swimming Pool, completed in 1954, is a memorial to many years of fund-raising by the Alumni Association to add to the undergraduate body's enjoyment of athletics.



Action during a recent water polo game.

The present president of the Cal Tech Alumni Association is Willis R. Donahue, Class of 1931; its vice-president is Edward P. Fleischer, Class of 1943. It has active chapters in New York, Washington, Chicago, Denver, San Diego, Sacramento, and San Francisco; one certainly does not have to live in the Los Angeles area to be an active alumnus. Wherever Caltech alumni collect, a chapter may be formed, and several new ones have been organized in the past few years.



The official magazine of the Alumni Association is "Engineering and Science", whose offices may be attained after walking up a sem-infinite number of stairs in Throop Hall. Nevertheless, every month a high-quality magazine reporting news of current research and activities at Caltech, the student body, and the alumni hurtles down to be printed. A subscription is included in the annual dues of the Alumni Association. This picture, from the E. & S. files, shows two alumni discussing the telescope on campus.

The Association sponsors many events on and off campus every year. Among these is the Alumni Seminar each Spring, when hundreds of alumni, wives, families, and guests gather on campus to attend demonstrations and lectures (one of which is pictured at right) on the latest aspects on campus research. Other activities include dinner meetings, square dances, class reunions, field days, and a luncheon before the annual Caltech-Oxy football game.



Donald S. Clark (Class of 1929) has been the secretary of the Alumni Association as long as nearly anyone can remember. He also renders a vital service to the campus in directing the Placement Service, which annually finds choice jobs for many alumni and undergraduates of the Institute. In his spare time, he is a Professor of Mechanical Engineering.

# *Acknowledgments*

When I took the job of Editor I had two goals in mind for the 1958 Big T: the first was to publish it on time and the second was to make it the creation of many people rather than that of just one man. As the last pages go to print it looks if these goals will be achieved, the first because of the second. It is my hope that the 1958 Big T staff has set a precedent for its successors in that we have tried to make the yearbook belong to the school rather than to one group, one house or one man. There is without a doubt room for improvement — but it is my hope that the next staff will capitalize on the best of our ideas and continue the tradition we have tried to revive.

I would like to thank wholeheartedly all those who have contributed to this effort.

Special thanks goes to Yearbooks, Incorporated of California for their untiring aid; to the S. K. Smith Co. for the magnificent job they did on our covers; to Mr. and Mrs. Harvey for the many hours spent producing the individual portraits; and to Jeffrey Lunge, who stepped in at the last moment to do our cartooning.

Also thanks goes to the ASCIT Photo Division, Dennis Paul, Randy Schmus and their few friends, who inspite of many difficulties finally managed to get the photography finished.

And last but by no means least, to my Editorial Board of Ted Bate, Al Hales, Jerry Hansen, Pat Henry, Andy Perga and their staffs for the work and co-operation which made this annual possible.

Reed Saunders, Editor.