

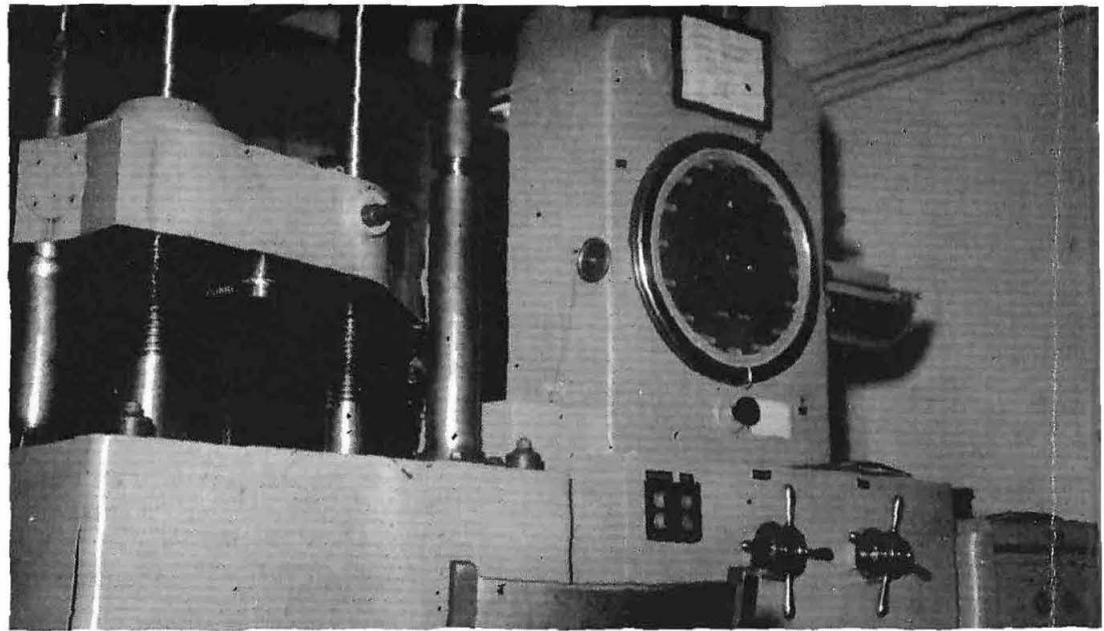


1952



THE BIG T
1952

FOREWORD

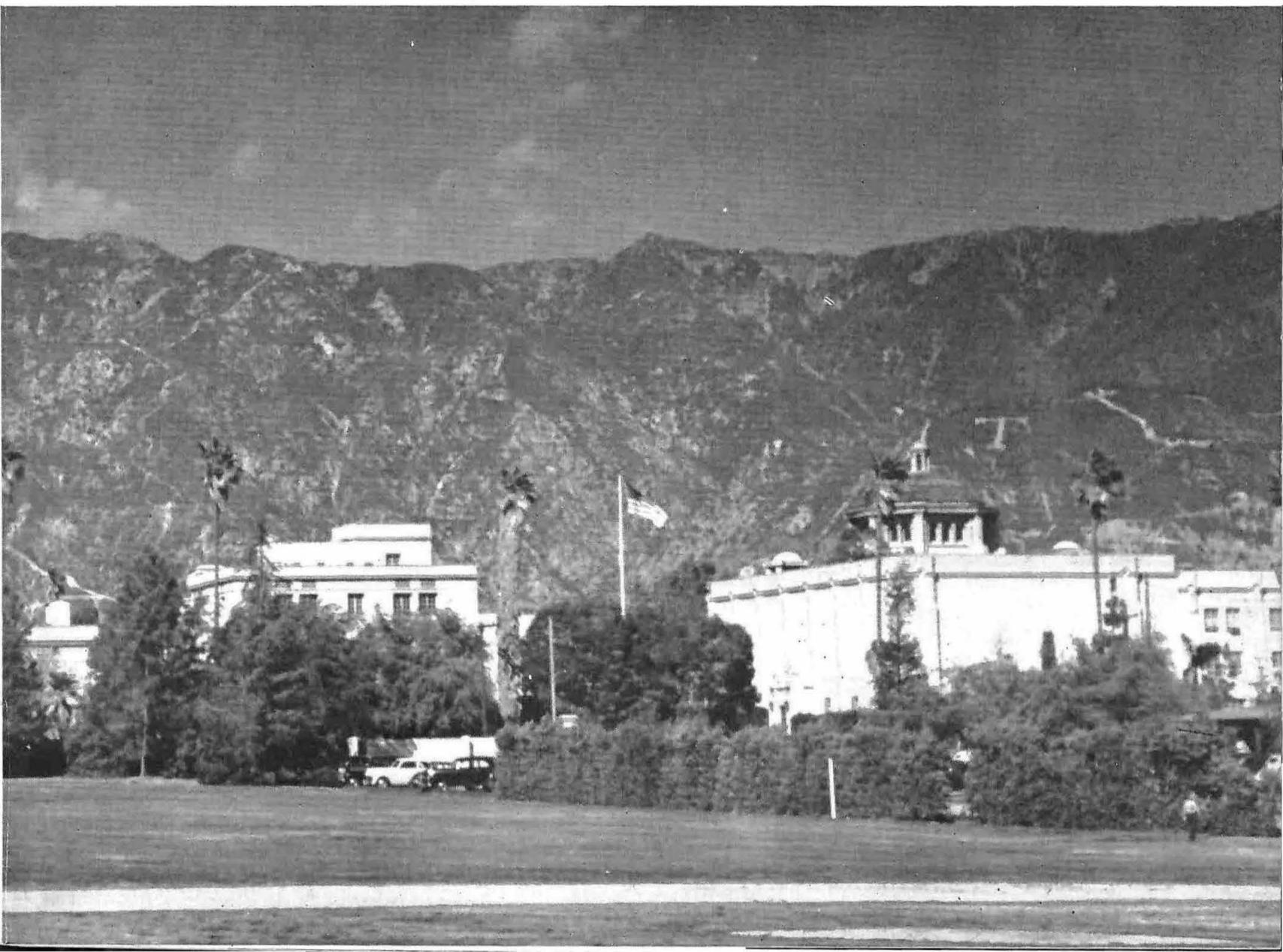


Through the eyes of the camera and the power of the written word, this book attempts to relive the life of the students on the Institute campus. As the years pass by with mounting rapidity, may these pages serve to remind us of all the joys, of the toils and anguishes, of the lasting friendships which have characterized our study.



STAFF

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Tom Stockebrand Photographic Editor
George Moore Managing Editor
Jim Wilson Activities Editor
Bob Perpall Senior Editor
Larry Starr Faculty Editor
Jack Behnke Houses Editor
Benji Rosen Sports Editor
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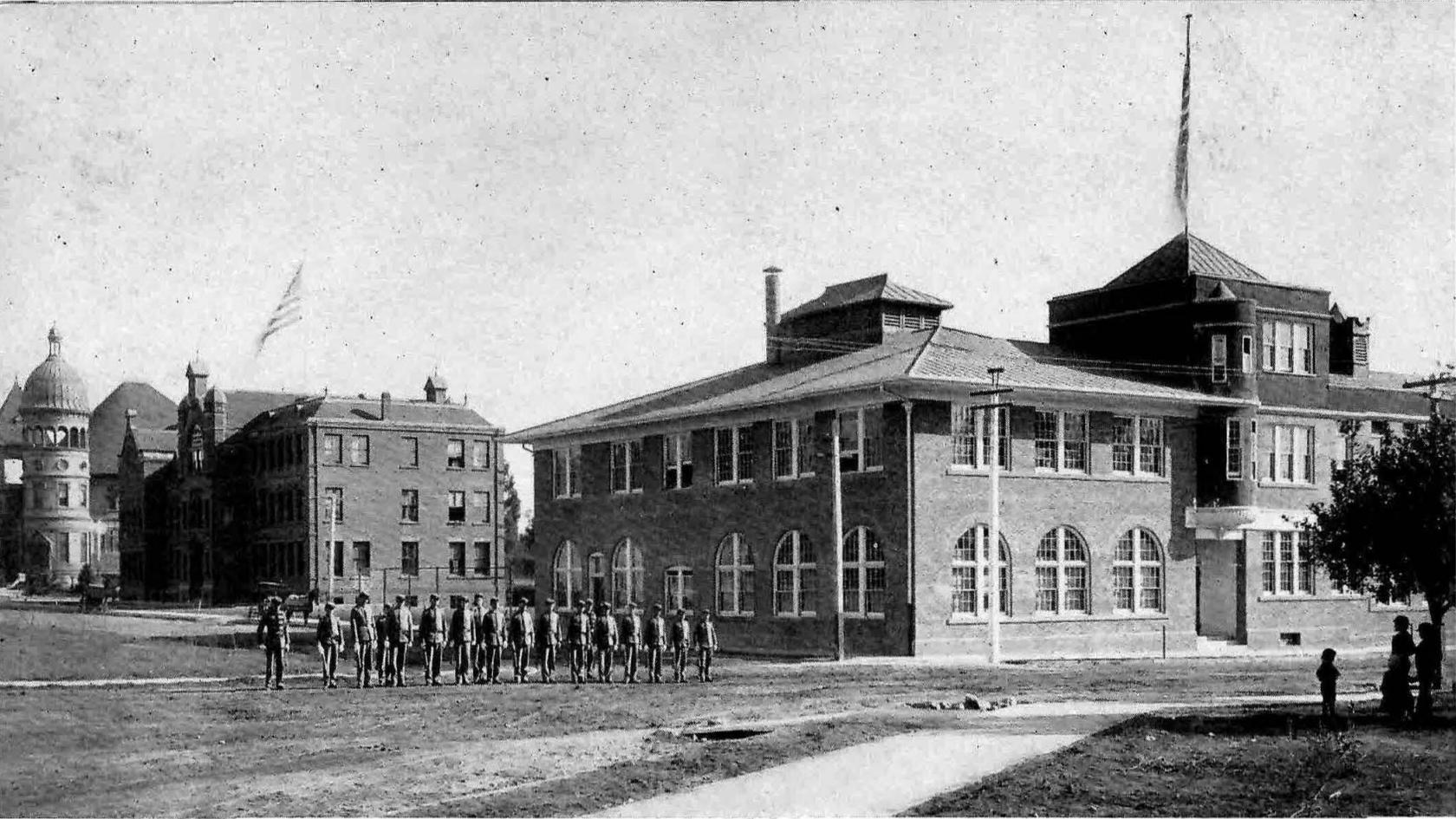




In Memoriam

EDWARD C. BARRETT

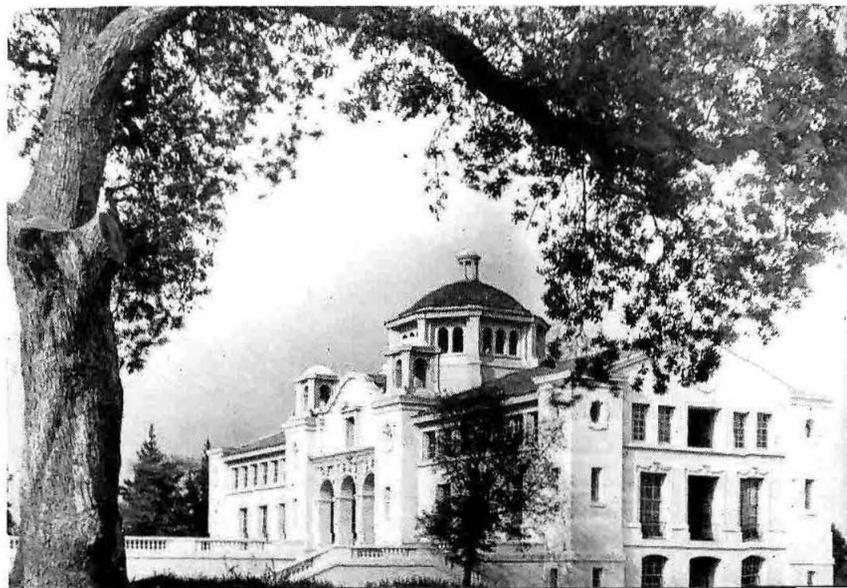




Located near Walnut and Raymond in Pasadena, Throop Polytechnic Institute was founded in 1891 by the Hon. Amos G. Throop. Although offering work of college grade, Caltech's ancestor concentrated on vocational subjects such as Manual Training and Domestic Science.



Twenty years later, led by Dr. George E. Hale and a number of outstanding citizens of Pasadena, Throop Tech moved to the present campus and began to give degrees in Engineering. Throop Hall is shown under construction in 1909 and completed in 1910. They had Hydraulics 11 then too.



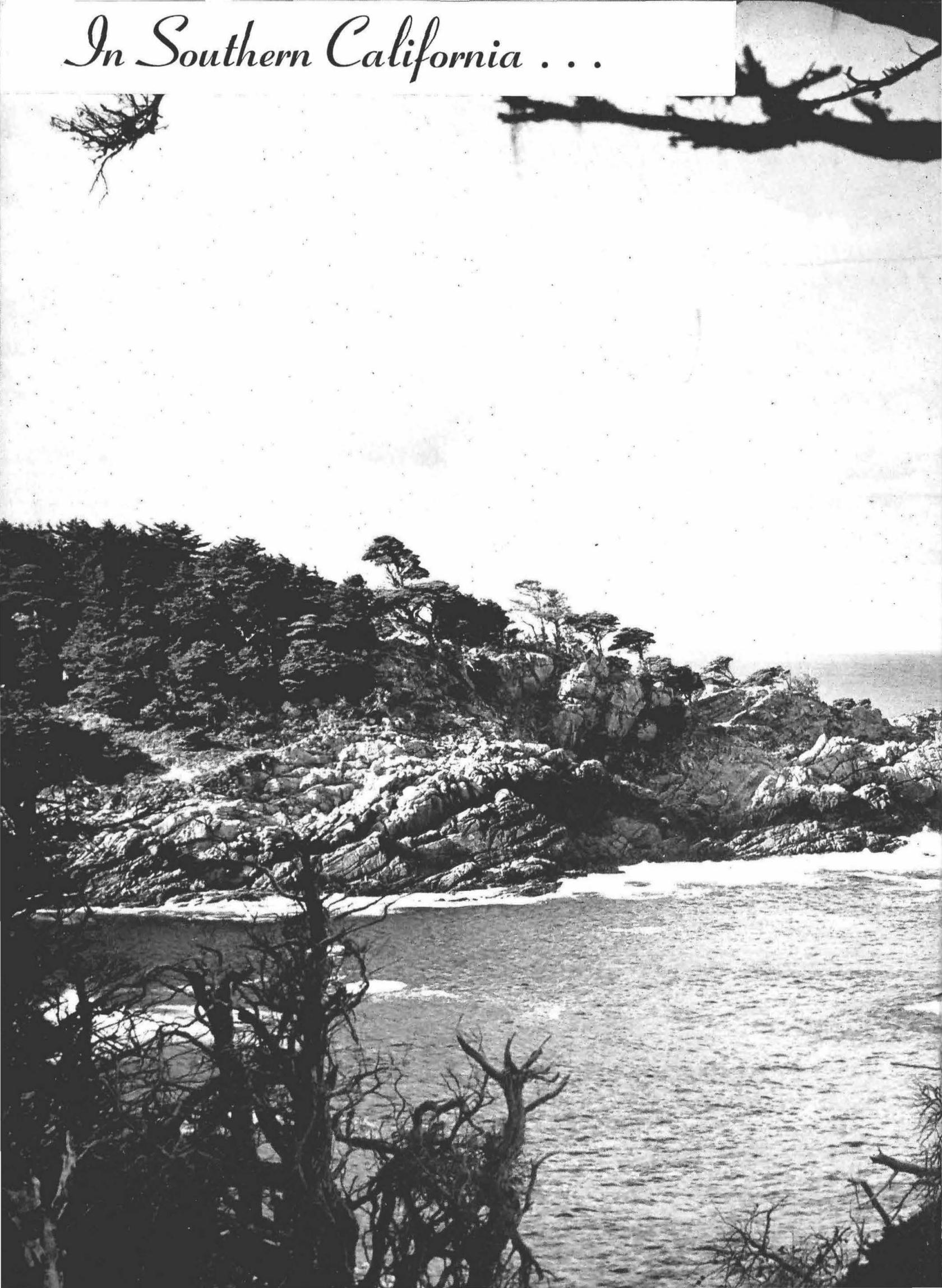
Sixtieth Anniversary

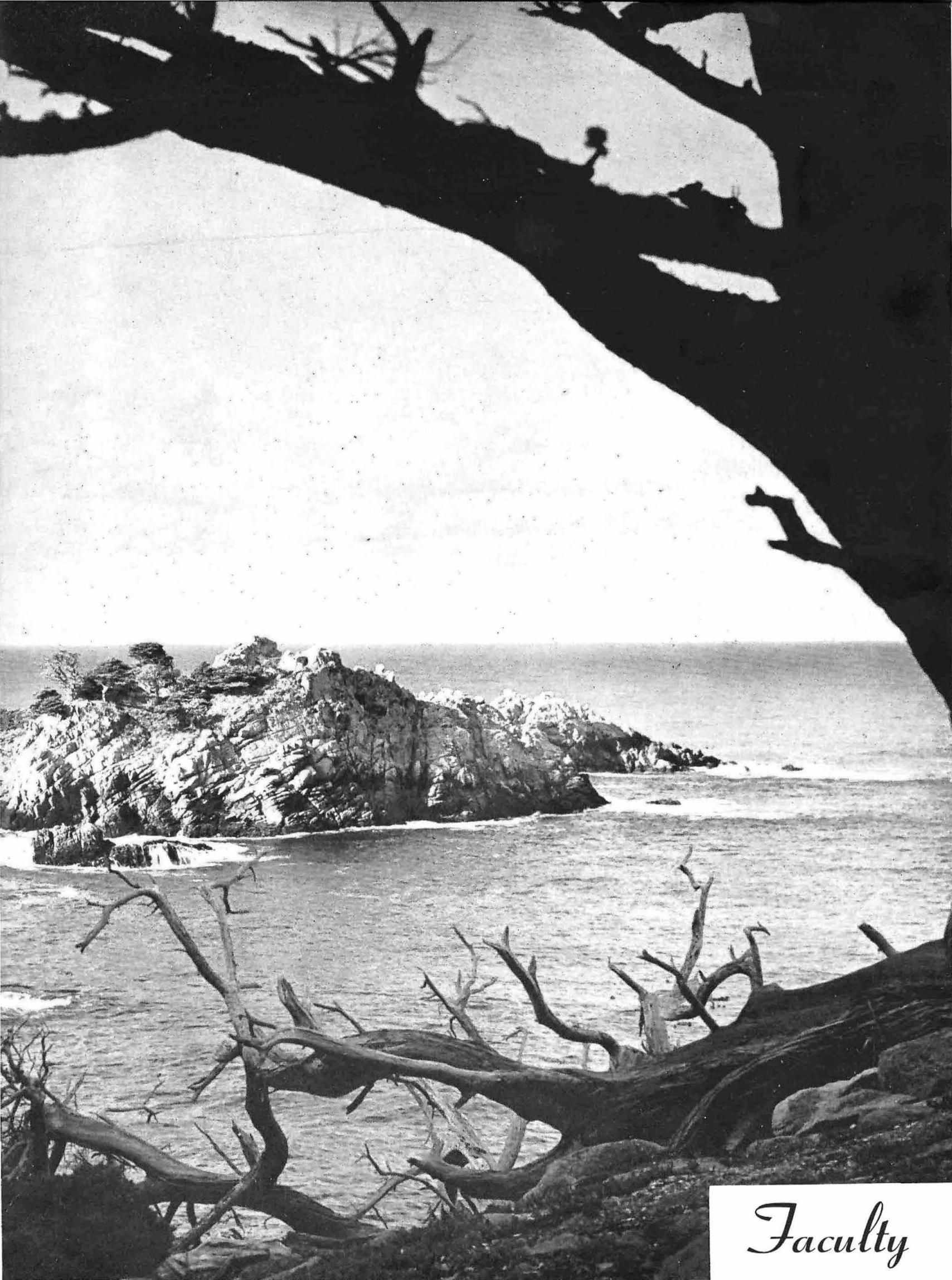


This aerial view of the present campus was taken in 1948. In the last forty years Caltech has developed from a trade school to one of the two or three leading technical schools and research centers in the United States.

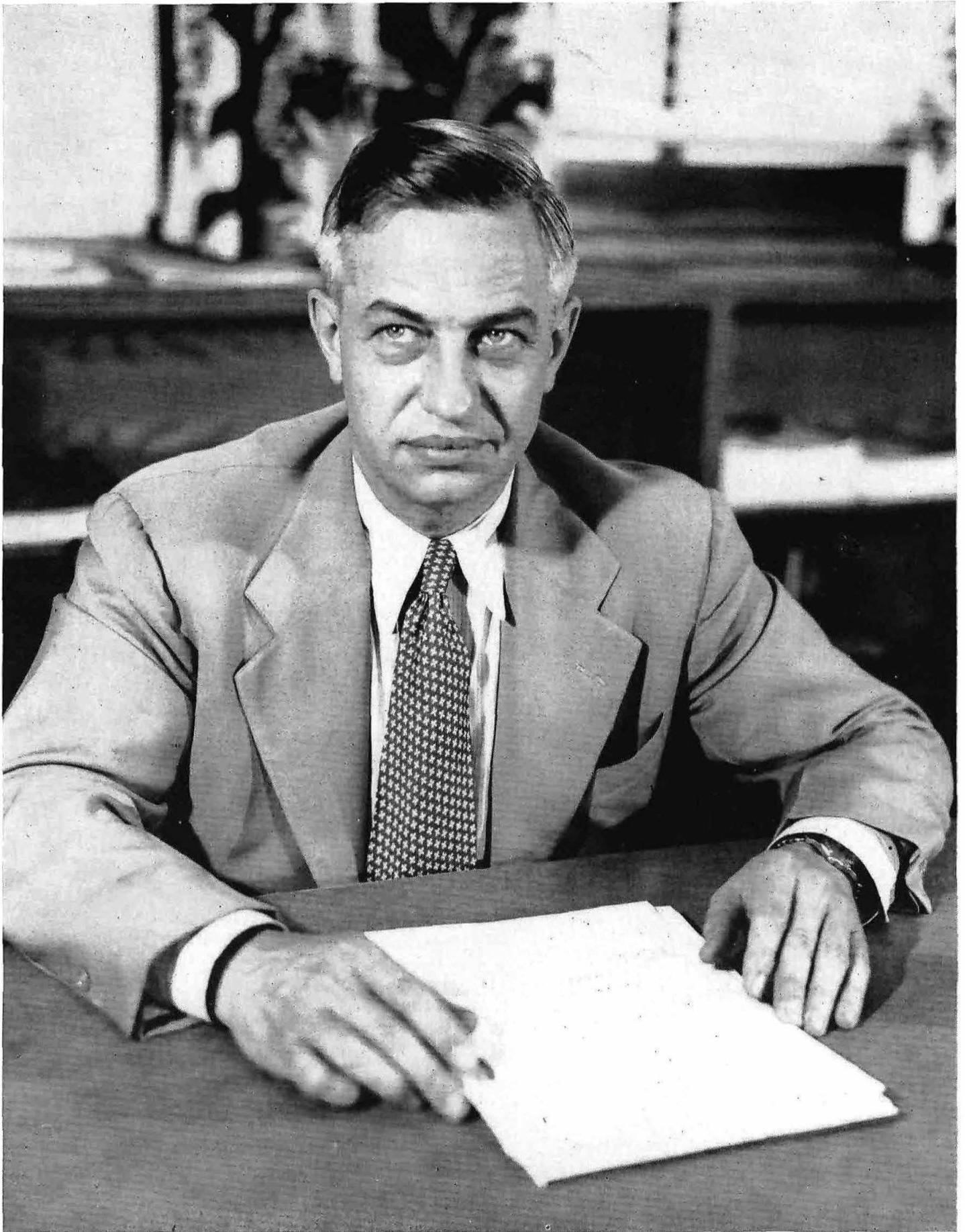
Caltech

In Southern California . . .





Faculty



L. A. DubBridge

FRANKLIN THOMAS
Dean of Students

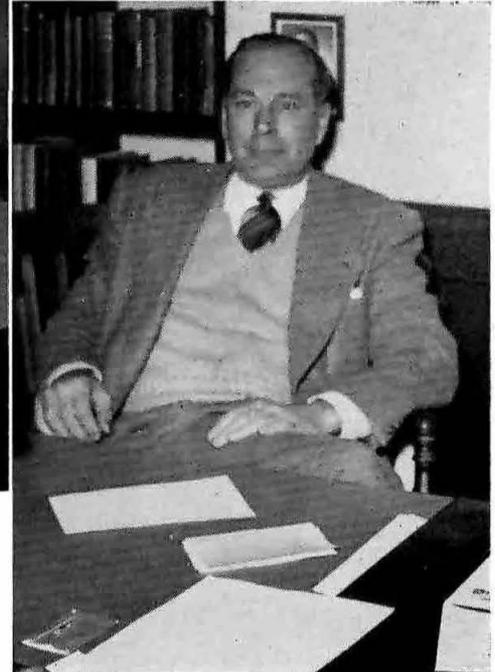


PAUL C. EATON
Dean of Upperclassmen



DEANS

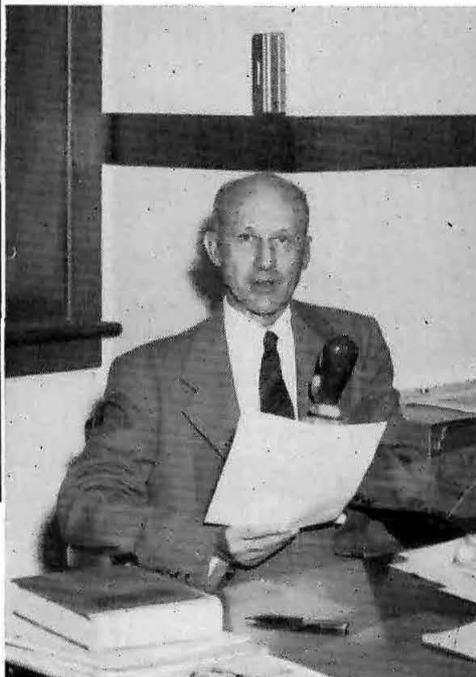
L. WINCHESTER JONES
Dean of Admissions



FOSTER STRONG
Dean of Freshmen



WILLIAM N. LACEY
Dean of Graduate Studies



EARNEST C. WATSON
Dean of the Faculty





Left to Right: GEORGE JOHNSTON, RALPH MILES, DICK JAFFE, HARVEY, EAGLESON, PAT FAZIO, DONALD S. CLARK, CHUCK BENJAMIN, BILL AUTREY, MOOSE HENDERSON, JOHN GEE, WES HERSHEY, JIM LATOURRETTE, STAN GRONER, FRANKLIN THOMAS, MORGAN OGILVIE, SAM VODOPIA, HENRY RICHTER, BOB LYNAM, PAUL C. EATON, WESLEY HERTENSTEIN, AL HABER

STUDENT-FACULTY RELATIONS



Dr. Beadle visits Fleming

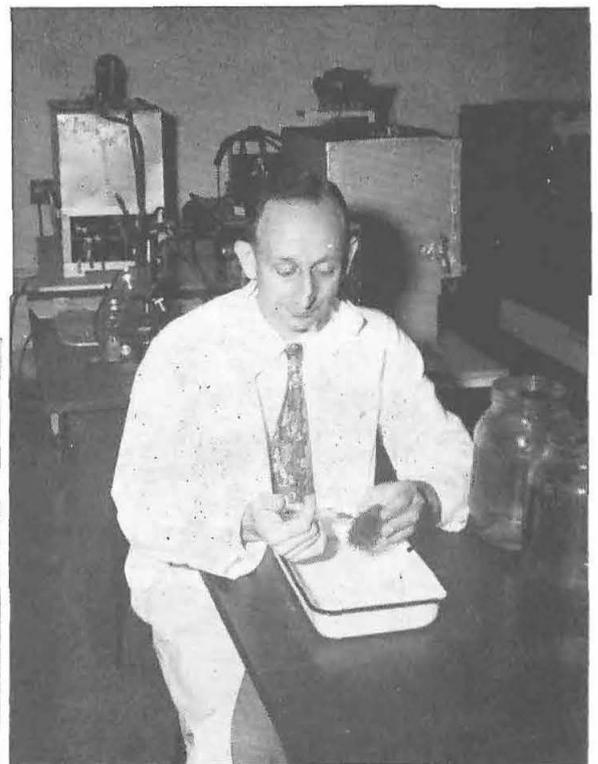


Seated: BERNARD AXELROD, HENRY BORSOOK, GEOFFREY KEIGHLEY, GEORGE LATIES, EDWARD LEWIS, JEAN WEIGLE, ALBERT LONGLEY

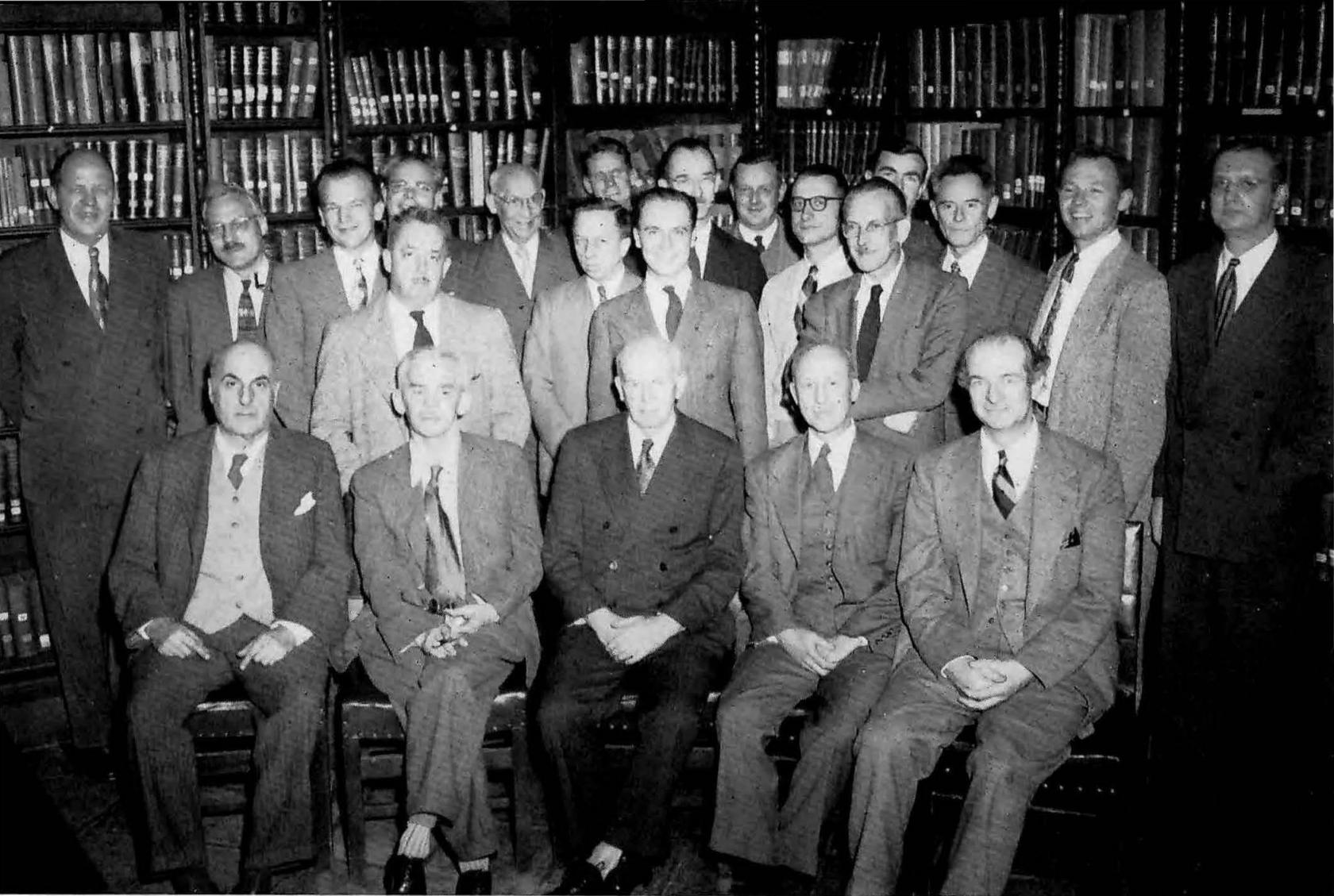
Standing: HERSCHEL MITCHELL, C. A. G. WIERSMA, GEORGE MacGINITIE, A. J. HAAGEN-SMIT, ARTHUR GALSTON, BISHOP, RAY OWEN, ALBERT TYLER, HOWARD TEAS, JAMES BONNER, JACOB DUBNOFF, ERNEST ANDERSON, NORMAN HOROWITZ

BIOLOGY

GEORGE W. BEADLE
Department Head



DR. ALBERT TYLER
Embryologist at work

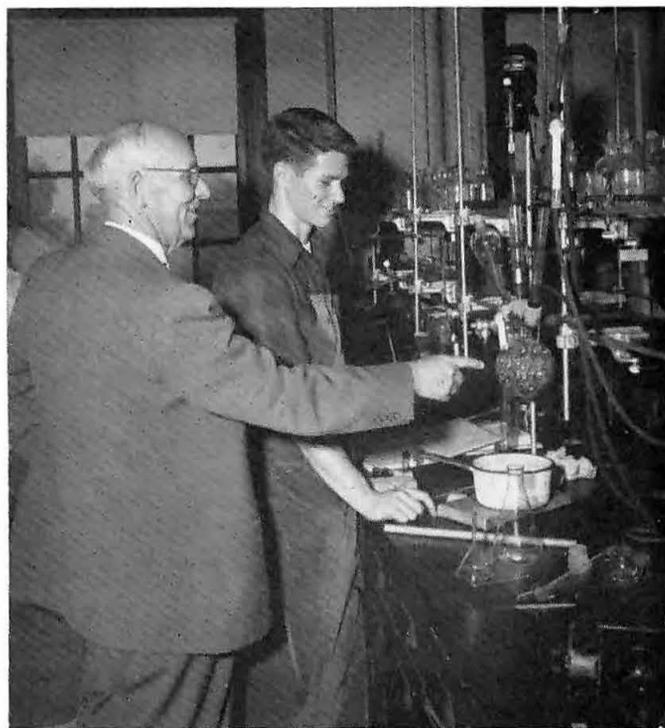


Seated: L. ZECHMEISTER, DON M. YOST, STUART J. BATES, WILLIAM N. LACEY, LINUS PAULING
 Standing: BRUCE, SAGE, VINOGRAD, E. W. HUGHES, F. J. EWING, DAN CAMPBELL, HOWARD LUCAS, J. H. STURDIVANT,
 DAVE MASON, NORMAN DAVIDSON, ROBERT COREY, CARL NIEMANN, HAVINGA, R. M. BADGER, V. SCHOMAKER, O. R. WULF,
 W. P. SCHLINGER, W. A. SCHROEDER

CHEMISTRY



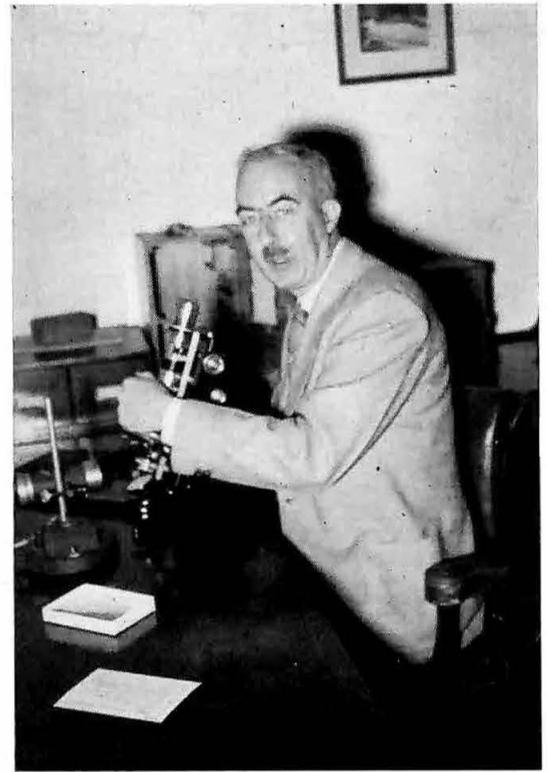
LINUS PAULING
 Department Head



**DR. HOWARD LUCAS EXPLAINS THE MYSTERIES OF
 ORGANIC CHEMISTRY**



RICHARD H. JAHNS

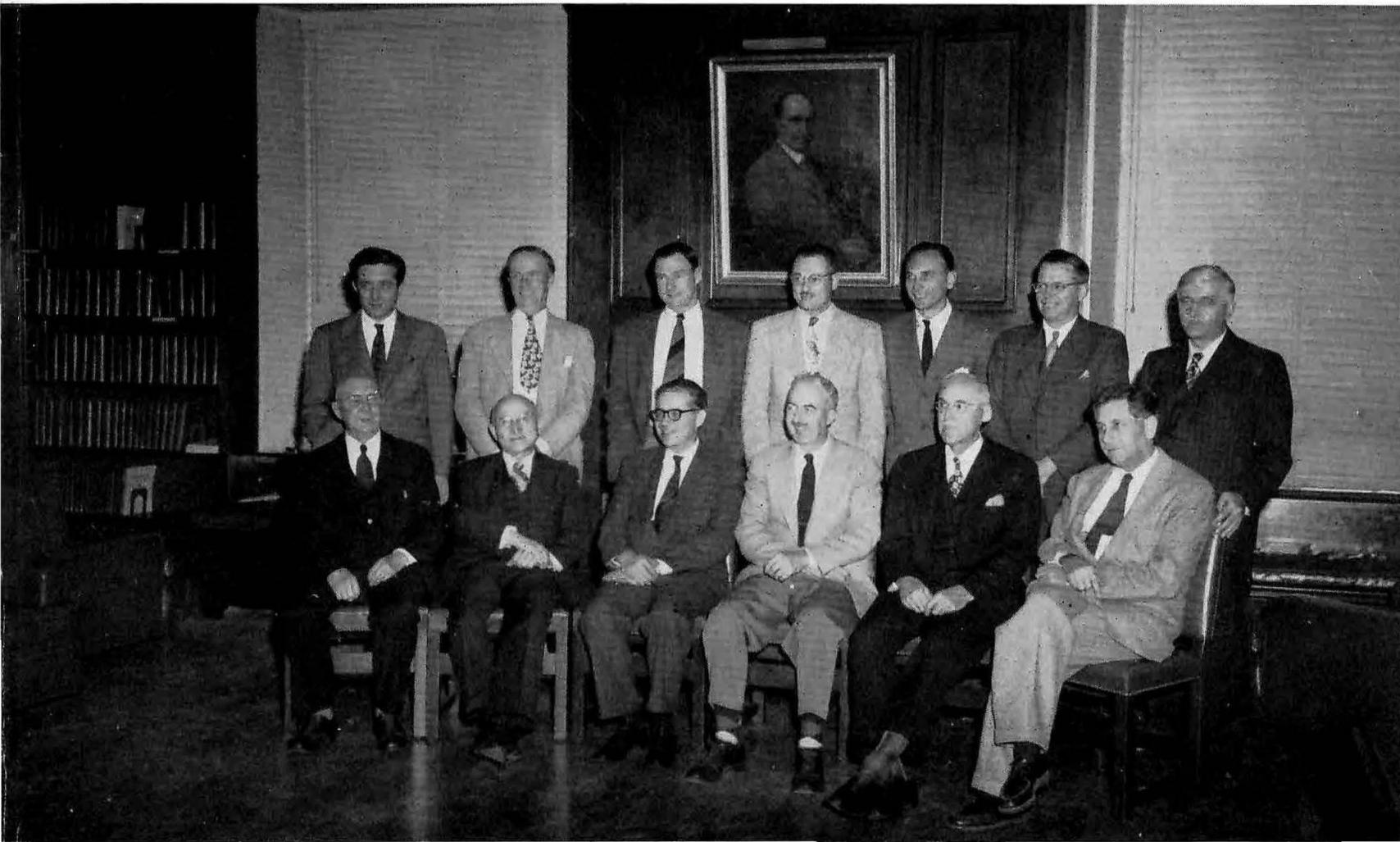


IAN CAMPBELL

GEOLOGY

Standing: HARRISON BROWN, JAMES A. NOBLE, ROBERT SHARP, RICHARD H. JAHNS, ALBERT ENGEL, CHARLES DIX, GENNADY POTAPENKO

Seated: STOYANOW, BENO GUTENBERG, C. F. RICHTER, IAN CAMPBELL, JOHN P. BUWALDA, HUGO BENIOFF



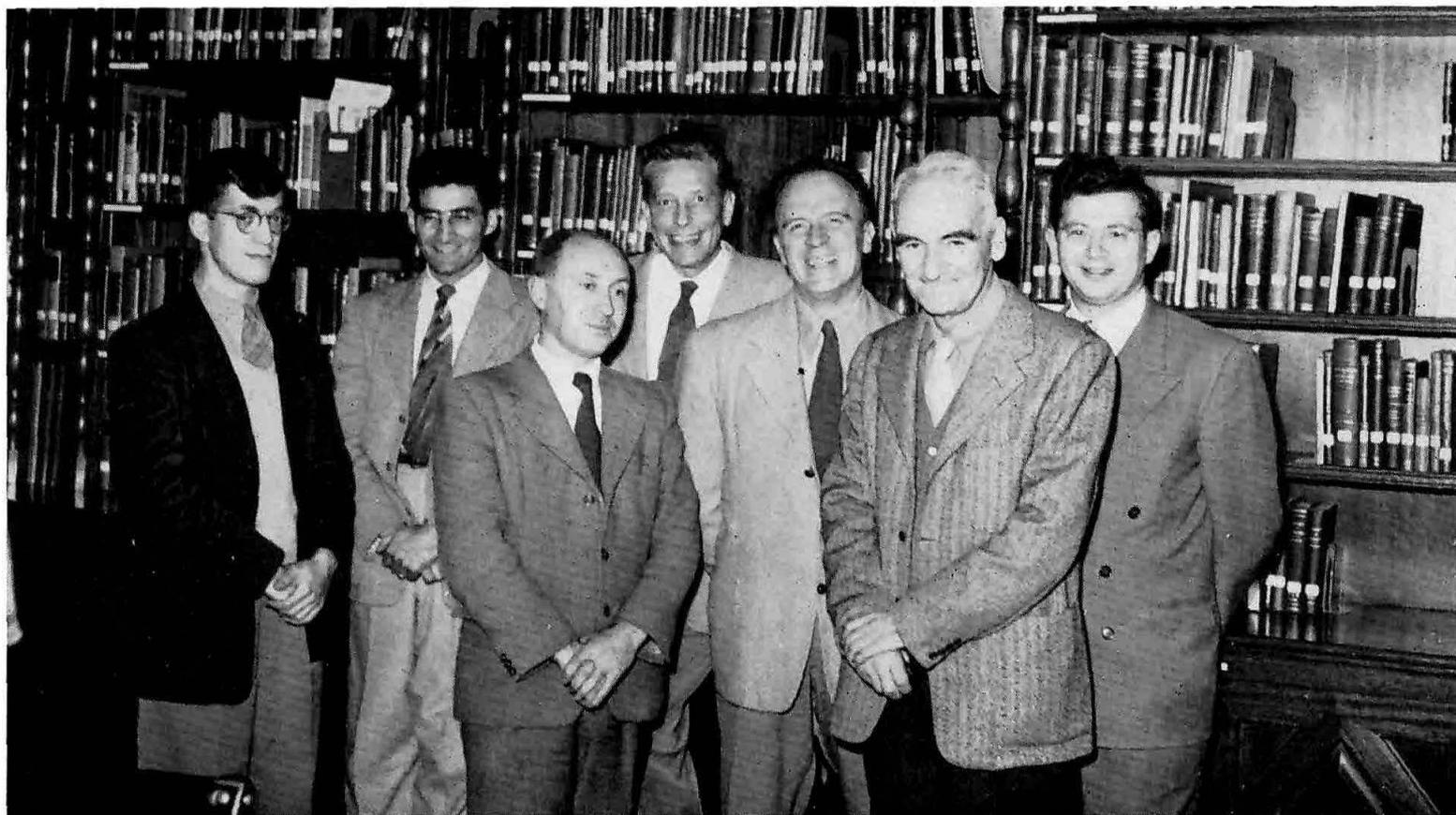


From Left: W. A. FOWLER, J. W. M. DUMOND, R. B. LEIGHTON, E. C. WATSON, FOSTER STRONG, ROBERT A. MILLIKAN, R. F. CHRISTY, ROBERT F. BACHER, C. C. LAURITSEN, E. W. COWAN, W. WHALING

PHYSICS



From Left: MULLER, M. L. SANDS, GLAUBER, R. V. LANGMUIR, T. LAURITSEN, W. R. SMYTHE, H. V. NEHER, R. L. WALKER, CARL D. ANDERSON



From Left: HENRY DYE, TOM APOSTOL, A. ERDELYI, H. FREDERIC BOHNENBLUST, MORGAN WARD, ERIC T. BELL, SAMUEL KARLIN

MATHEMATICS

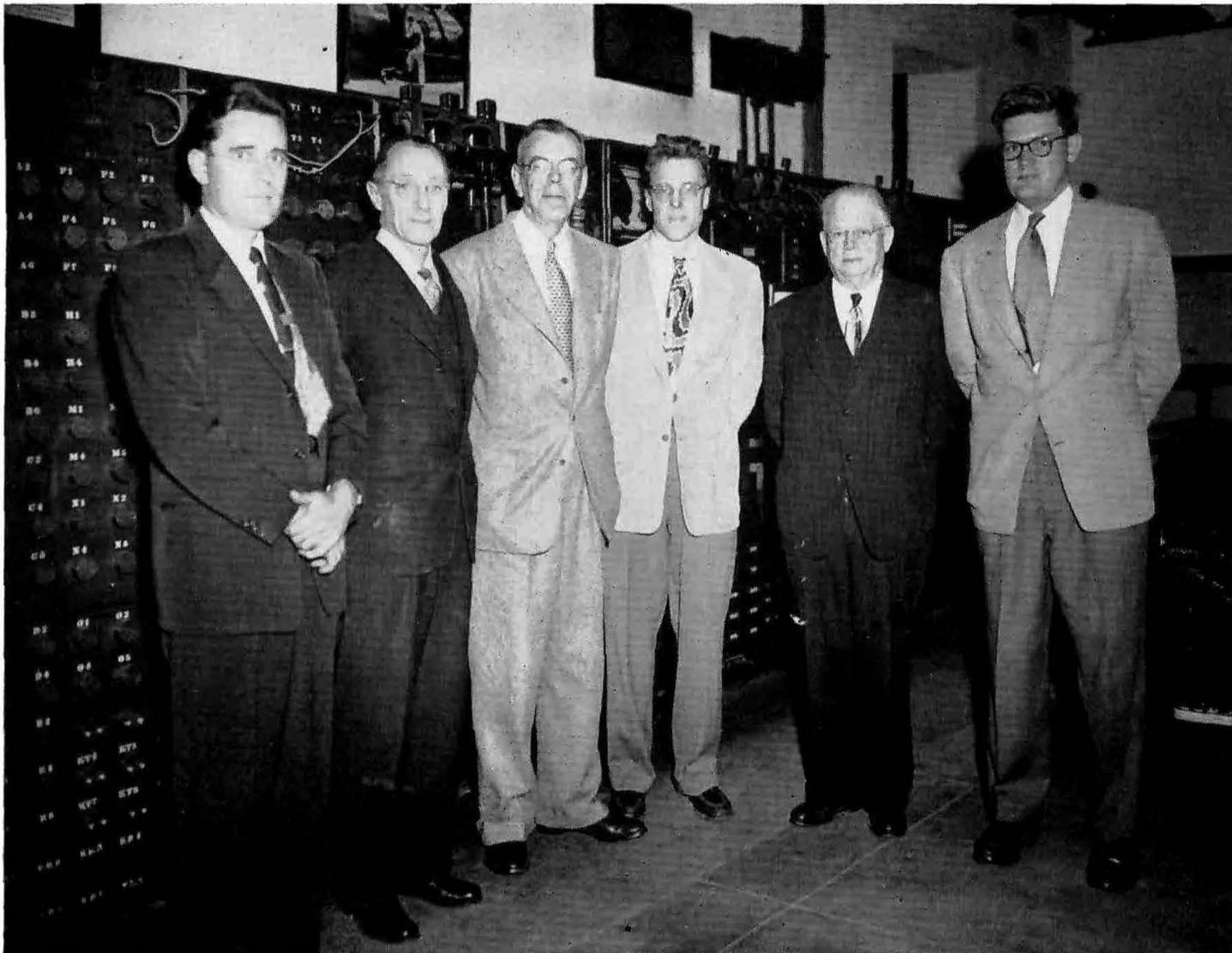
ASTRONOMY



ROBERT F. BACHER
Department Head



ALFRED H. JOY, OORT, JESSE L. GREENSTEIN, MUNCH

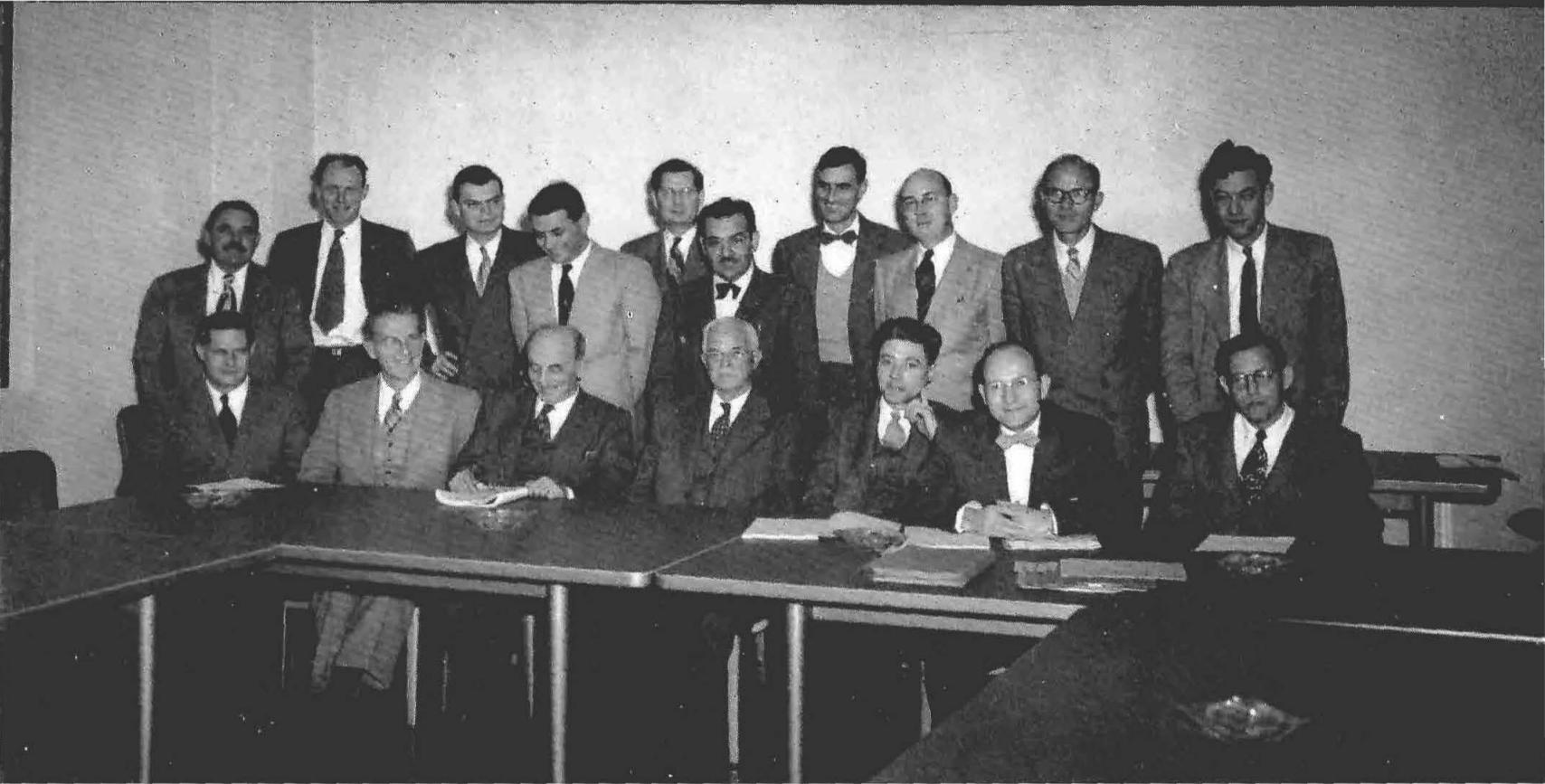


GILBERT D. McCANN, FRANCIS W. MAXSTADT, S. S. MACKEOWN, M. H. NICHOLS, ROYAL W. SORENSON, R. H. MACNEAL



FREDERICK C. LINDVALL

ELECTRICAL ENGINEERING



Seated: DONALD E. HUDSON, HOWELL TYSON, ALADAR HOLLANDER, ROBERT L. DAUGHERTY, POL DUWEZ, DONALD S. CLARK, MILTON S. PLESSET

Standing: ROBERT T. KNAPP, DAVID S. WOOD, ROLF SABERSKY, DINO MORELLI, FRANCIS BUFFINGTON, VITO VANONI, PETER KYROPOULOS, WILBUR R. VARNEY, JOSEPH LEVY, W. DUNCAN RANNIE

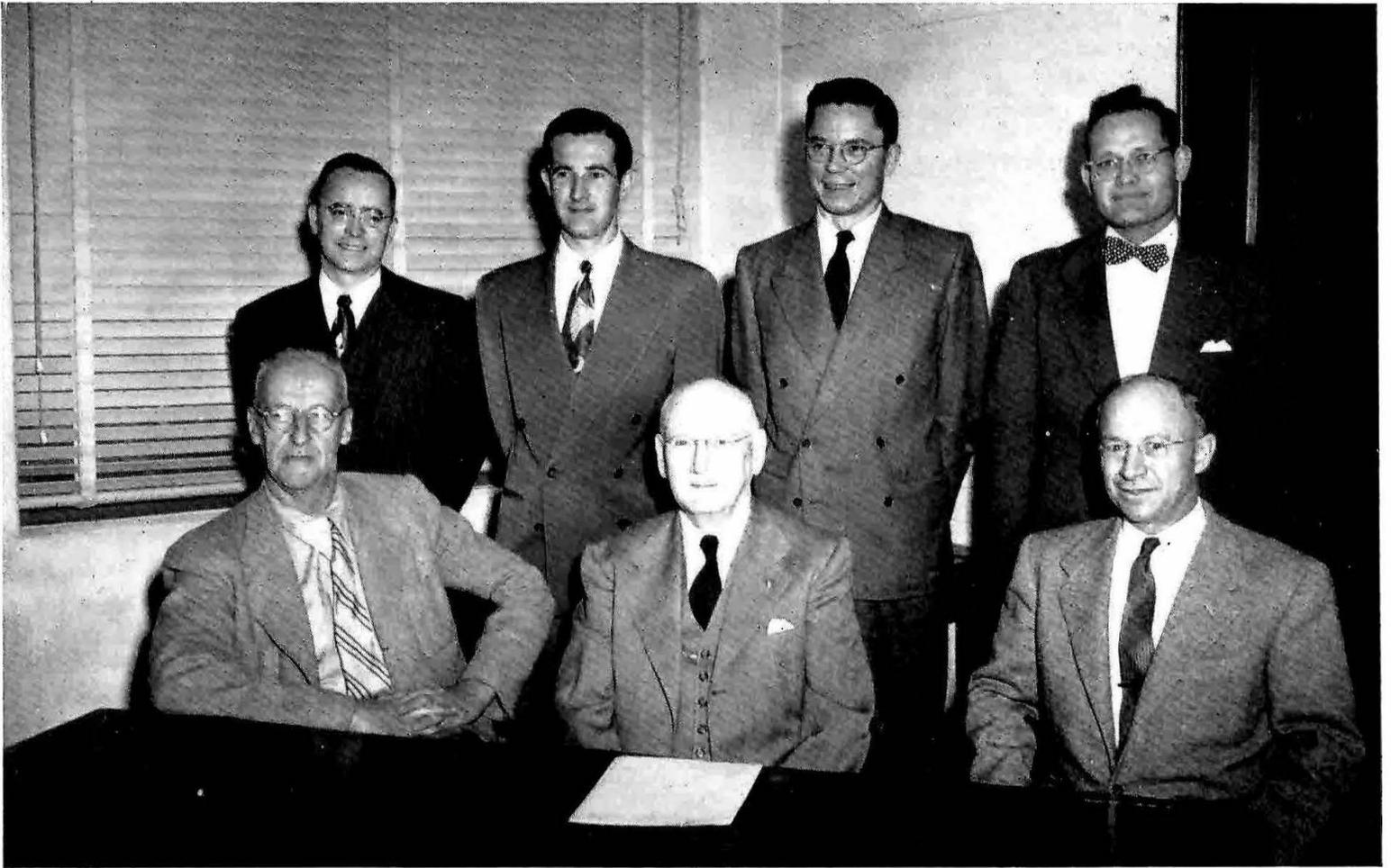
MECHANICAL ENGINEERING



DONALD E. HUDSON

ROBERT L. DAUGHERTY





Seated: WILLIAM W. MICHAEL, FRANKLIN THOMAS, FREDERICK J. CONVERSE
 Standing: JACK E. McKEE, CALEB W. McCORMICK, GEORGE W. HOUSNER, ALFRED C. INGERSOLL

CIVIL ENGINEERING

APPLIED MECHANICS



Seated: S. P. FRANKEL, J. H. WAYLAND, M. S. PLESSET
 Standing: J. C. ALFORD, G. W. HOUSNER, GILMORE, C H. WILTS



ALFRED C. INGERSOLL

DRAFTING



SEATED: JOHN SCOTT CAMPBELL, HOWELL TYSON
STANDING: DAVID WELCH, DAN MILLER, N. W. WILCOX



LT. COL. ARTHUR SMALL

AFROTC



Seated: LT. COL. SMALL, LT. COL. FLEMING, MAJOR RENTH,
MAJOR STOLARZ
Standing: SERGEANT WAUGH, SERGEANT KEATING, SERGEANT
LEE, SERGEANT HANSEN



HARVEY EAGLESON



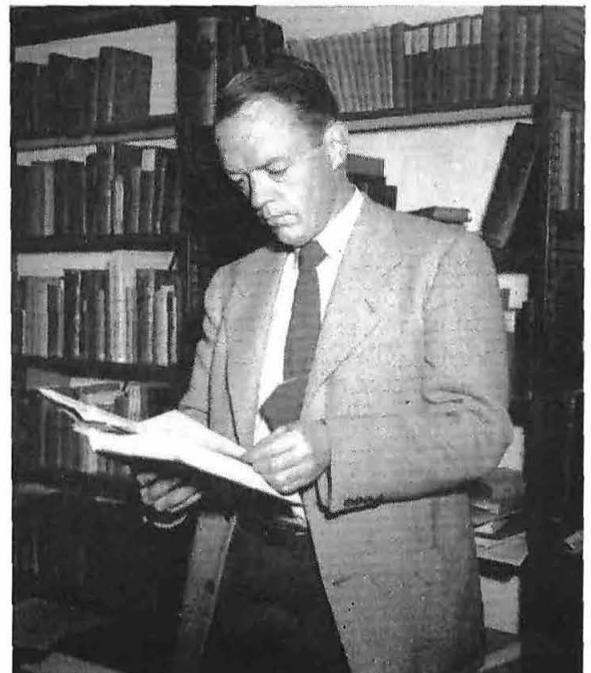
ALFRED STERN

HUMANITIES

ALAN SWEEZY

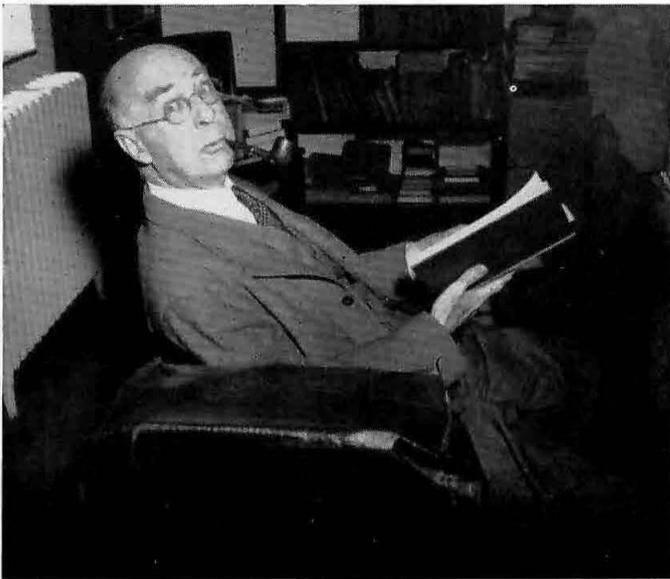


HALLETT SMITH
Department Head





Standing: ALAN SWEEZY, WILLIAM HUSE, MELVIN BROCKIE, ROGER STANTON, RODMAN PAUL, LESTER McCRERY, HUNTER MEAD
 Seated: R. MATHERS, H. N. GILBERT, RAY UNTEREINER, WEIR, HARVEY EAGLESON, PAUL BOWERMAN



GEORGE R. MACMINN

RODMAN PAUL



With grace and splendor bound . . .





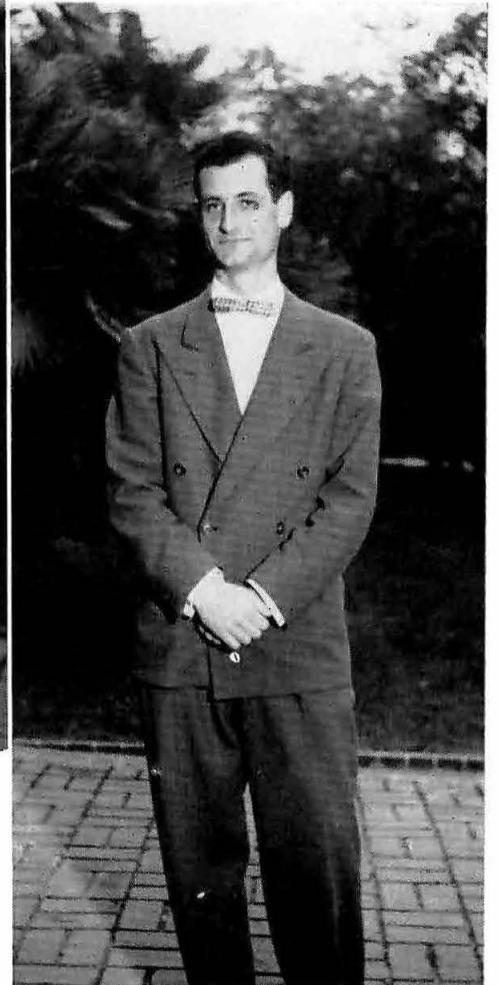
Seniors



STAN GRONER
President

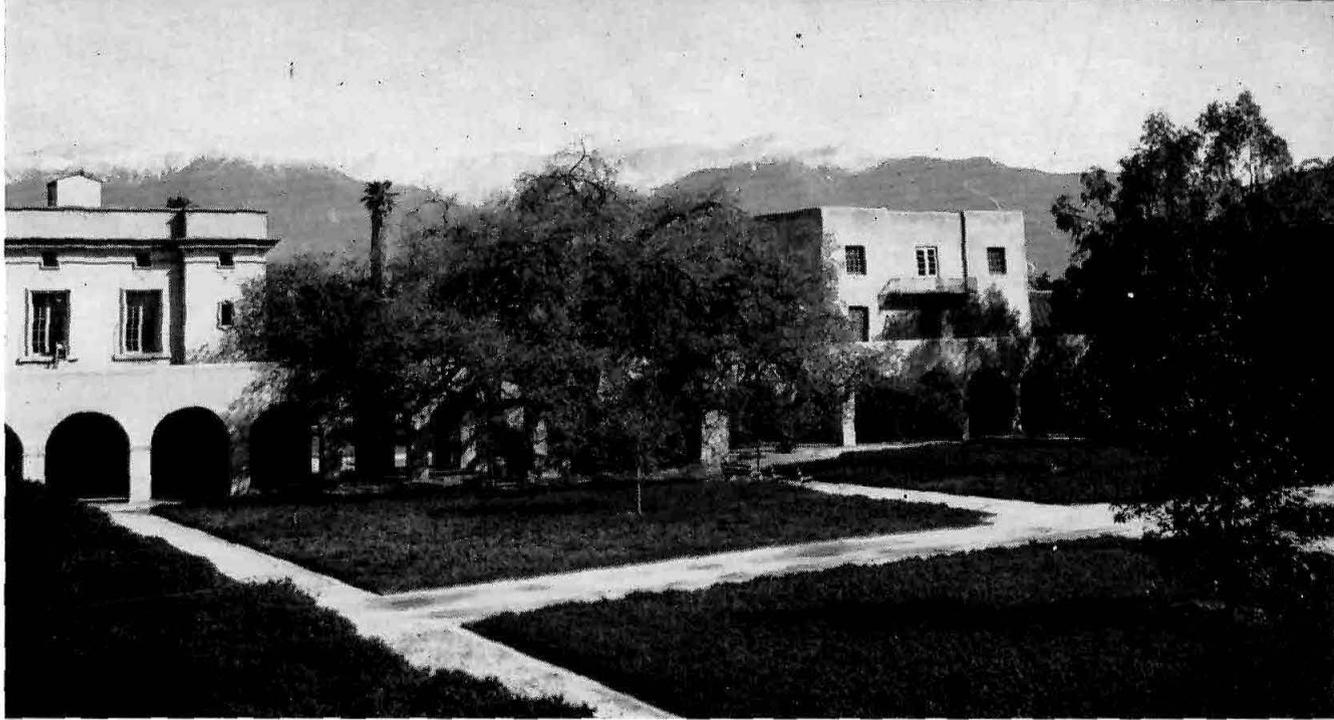


BILL EDMONDSON
Vice-President



CHUCK MILLER
Secretary

SENIOR CLASS



BOB PARNES
Treasurer



HAL WOODY
Athletic Manager



PAUL M. AAGAARD
T², TBPI

Transferring to Tech after one year at Glendale college, Paul studied mechanical engineering. Previously, he had served in the Navy for twenty-one months and seventeen days, finishing as aviation radioman. Achieving membership in Tau Beta Pi, ASME, and SAE while at Tech, Paul found time to letter in track where his specialty is the half-mile run.

WILBUR J. BARMORE
DABNEY, T³

Hailing from real swimming territory, he likes swimming so much he lettered as a freestyler, and has been a real standout on the water polo team for the past three years. To show just how much water appeals to him he married a lass named Salty Seawell. Not to be on-sided, he has also been a member of the Dabney Crew team. Bill's future work as an ME is assured, and it is just to his liking.

JOHN A. BOPPARD, JR.
BLACKER, TBPI, HONOR KEY

This suave lady killer from Kansas City, Mo., has found time between dates to serve as Vice-President of the YMCA, grind out half the 1951 Big T. snap pictures for the California Tech, serve as ASCIT Publicity Manager, and get himself elected to the Beavers. An indication of his vocational interests has been his membership in ASME, SAE, and the Thursday Evening Martini Club. In order to put off working, John has decided to loaf for a year at Tech grad school, before going out into the world to become a big industrial maggot.



ALLAN C. BURTON

This lad is proud of the fact that he has been graduating every two years since 1944. He explains this by his attendance at Escondido Union High, Eliot Jr. High, P.C.C. and then Caltech, beginning here in 1950. While at Tech, Allan found time to be a member of the Student Shop and SAE. He was married on October 13, 1951 and plans to go to work for Bell Aircraft in Fort Worth, Texas after graduation.



MELL D. CASSIDY
FLEMING

Beginning his career at Caltech as a physicist and later finding his true love in mechanical engineering, Mell is planning to continue his studies next fall at the graduate school of aeronautics on this campus. He is also to be married soon after graduation to Miss Dodie Beviss. Among Mell's accomplishments at Caltech are Fleming House Treasurer, house social chairman and three years as manager of the varsity basketball team.



MECHANICAL

'52



R. KYLE CATTERLIN
BLACKER

Since leaving Van Nuys High School, Kyle has been a driving influence in Blacker House affairs, being particularly active in interhouse athletics. He served as secretary of the house in 1950 and was elected as vice president in 1950-51. His future plans include marriage, engineering, marriage, patent law, and marriage.



HENRY A. CLUTZ
FLEMING

Hailing from Mercersburg, Pennsylvania, Hank is a mechanical engineering aspirant with aeronautics on the brain. While at Tech, he played soccer and could always be found either on the soccer field or working on a model plane. He is one of the upper alley five socialites. As far as he knows at this writing he is going to have to go to work in June . . . Poor soul!



ARMAND B. CRUMP
FLEMING

"Sonny" majored in music at South Pasadena High, served in the air force for four years and managed to squeeze in some studying at Yale. He studied mechanical engineering here and plans to spend some time in Italy immediately after graduation, working at the Coca-Cola Bottling Company there. Many of "Sonny's" evenings have been spent playing the saxophone at various southland dances.

NOT PICTURED

WILLIAM V. AVERRE
DABNEY

An ME with an electrical bent, Bill hopes to revolutionize the Costa Rican railroads and communications industry in one fell swoop upon his return to his home country. He is almost certain to be remembered as one of the most notorious waiters Dabney has ever had.

WALT HARTUNG

STAN GRONER
BLACKER, PIKD, HONOR KEY

A fugitive from LA High, Stan brought to Tech an amazing ability to pass courses without visible labor, coupled with a certain primitive political intuition. The latter led him to the jobs of ASCIT Second Rep and Secretary, House Vice-President, Senior Class President, and President of Pi Kappa Delta. A gregarious chap, he also joined the Beavers, ASME, and SAE, and dabbled in debating. His academic interests have led him, symbolically enough, to a future in the pump industry.



DAVID L. HANNA
RICKETTS, T³, HONOR KEY²

As president of the Caltech Student Body this year, Dave has relied on the fine Northern Irish blarney that reveals his childhood environment. Name a post or honor awarded to any campus man; Dave has either had it, or is running for it. This long list of offices includes Frosh Class President, ASCIT Athletic Manager, and ASCIT President. He holds a total of six varsity letters in football and golf and earned an Honor Key twice. Dave hopes to step into a lucrative job in Industrial Sales.



ENGINEERING

MECHANICAL



**HENRY F. KESWICK
FLEMING**

After fifteen months and ten days in the US Army, jockeying a semi and serving as a refrigeration mechanic, Henry came to Tech to study mechanical engineering. Although he attended West Seattle High as well as Palisades High in Palisades, Colo. he is originally from Palisades, in the heart of the peach country. As for a job, Saudi Arabia looks inviting at the time of this writing.



**JAMES K. LA FLEUR
DABNEY, T⁴**

Hailing from Long Beach, Jim has had hobbies which varied from flying sail planes and racing boats to drinking on the crew and flamer team. Lettering in Frosh football, he has gone on to make four tennis letters. Planning to own a Cadillac and an airplane, Jim plans to strike oil or head a large company in the petroleum or metallurgy industry.



**CARL V. LARSON
RICKETTS**

Carl came from Garfield High in Seattle to study mechanical engineering and to learn how to become a bigger and better member of the Conservative Party. Apparently not satisfied with life in Mercer Island, Washington, Carl plans to travel the world over. His first stop will be Saudi Arabia where he has a job with Aramco.



**DAVID A. LEE
DABNEY**

Dave, originally from Chicago, now permanently settled in sunny California, broke all records for regularity and frequency in the familiar twenty-six point, two-mile milk run to the East. The attraction, a Pomona girl, is now Mrs. Lee. Dave is a member of the SAE and was Dabney's Pope until he fore-swore his celibacy.



ENGINEERING

'52



J. C. NOLL
DABNEY, THROOP, TBPI



ROBERT E. OLIVER
TBPI

Bob claims Independence, Missouri as his home town. After graduating from William Chrisman High School, he served four years with the US Navy as a pilot in a utility squadron. Achieving distinction as a Tau Beta and a mechanical engineer Bob plans to return to Tech next year for graduate work in Aeronautics.



DANIEL OLSSON
FLEMING

Dan is a Junior transfer student from Oregon State College. His home town is Drain, Oregon. A mechanical engineer by way of vocation, Dan is secretary-treasurer of the Caltech branch of the SAE(1951-52). Always active in house athletics and politics, he made many friends in his two years at Tech.



ROBERT C. PERPALL
FLEMING

Bob came to Tech from Washington High School in Los Angeles, and studied mechanical engineering as a major interest with women as a minor interest. While at Tech he was active in the athletics and social life of Fleming House. As a Fleming House waiter, Bob was to be seen expediting the troops to "Eat it Faster." As for future plans, he plans to go to work after graduation and possibly return to grad school in a year or two.

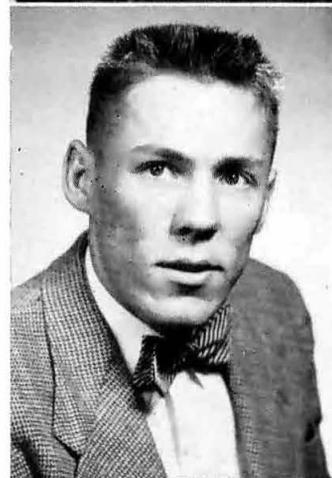
JACK McEWING
RICKETTS

This likable Californian is one of the busiest men on campus. In addition to pursuing his major interests of ME and Metallurgy, Jack has been president of the Instituters, chairman of the Combined Charities Drive, a member of the Beavers, UCC of his house, and has been active in interhouse sports. His many friends wish him luck with his plans for grad school.



RANDOLPH MOORE
FLEMING, T

Always to be found with the "boys," Randy is a mechanical engineering aspirant with a leaning toward EE. He hails from Phoenix, Arizona where he attended North High and Phoenix College. Transferring to Tech as a soph, Randy has lettered in football every year since. As a member of the Naval Reserve the first organization to receive consideration for his services after graduation is the USN.





**CHARLES PRIMBS
BLACKER**

One of the near local boys from Santa Barbara, Chuck spent two years at Santa Barbara College before coming to Tech. A model airplane fiend from way back, he can be seen dabbling in them at all hours. His favorite habit consists in building the confounded things on nights before finals. He hopes to study aeronautics at some lucky grad school.



**WILLIAM RIHN
DABNEY**

A local boy from Alhambra, Bill is an ME, and has acted as ASME Secretary for the past year. He played frosh basketball, but his consuming interest has been in Lizzy, with whom he recently entered into marital bliss. After graduation, Bill would like to go to work and make his fortune.



**THOMAS L. RUSSELL
DABNEY, TBPI**

Tom, whose hometown is that well-known little hamlet to the east, Claremont, was the only man in Dabney to stay sunburnt both summer and winter. He was a regular on Dabney's Interhouse football, softball, and basketball teams. He served as Secretary of the Caltech Ski Club, and as Student Vice-Chairman and later Student Chairman of the Caltech Chapter of the ASME. He plans to remain at Caltech to do graduate work.



**EDWIN P. SCHLINGER
FLEMING, HONOR KEY**

Ed has been a very active man about campus since his arrival here in 1948. Included in his list of accomplishments are presidency of Fleming house, three year soccer letterman, member of the Beavers, Honor Key, writer for the sport staff of the California Tech. Ed's home town is Vallejo, California where he attended St. Mary's College High School and was president of the resident student body.



**ALBERT R. SNIDER
DABNEY, TBPI, HONOR KEY,
T²**

As a BMOC, Burt has done an admirable job. Starting with a bang as Frosh Prexy, he went up the ladder as Rally Commissioner, and has been a Beaver. Reaching Tech's baseball hall of fame by making all conference as a sophomore hasn't kept him from making TauBate, and Burt will probably end up in grad school after graduation.

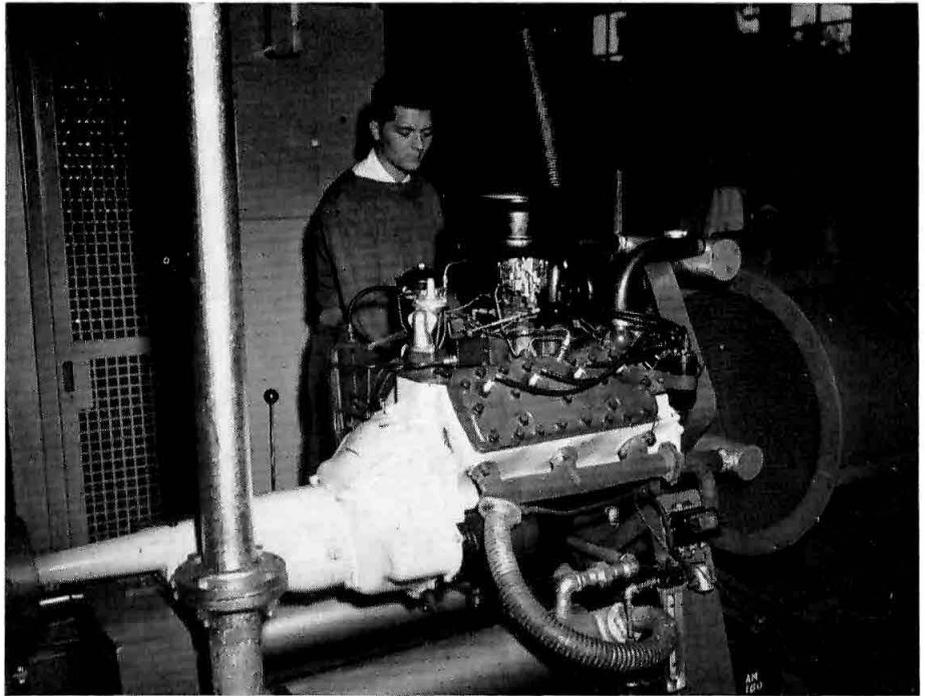
MECHANICAL ENGINEERING

**ROBERT E. STANAWAY
DABNEY, HONOR KEY, T²**

Tech could certainly use many men with the natural athletic ability of Bob. A two year letterman in track, swimming, and skiing, he showed prowess as a member of the Dabney Crew team. From feature writer for the Tech, Bob was elevated to ASCIT Publicity Manager. An ME, he didn't let Kyro get him down, and as a consequence, will probably head for grad school, as he has aspirations of becoming a lawyer.



'52



**DONALD K. TAUTZ
BLACKER, T², HONOR KEY**

A reluctant exile from the mile-high city of Denver, Don has devoted much of the last four years to audibly wondering why he ever left. Meanwhile, he has kept busy with two years of track and basketball, the offices of Soph Class President, Blacker President, and IHC Prexy, as well as memberships in the ASME and SAE. He earned an Honor Key, joined the Beavers, and took the Caltech decathlon championship last year. Don's coming back for grad school, if he can keep resisting the urge to forget it all and be a ski bum.



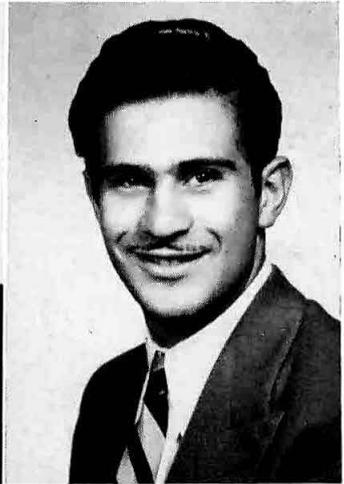
**RICHARD R. TRACY
RICKETTS**

Dick (Fosdick to his friends) reveals that Long Beach is responsible for his many childhood neuroses. Always interested in models, he has received a degree in ME with his major attention directed toward Aeronautics. Dick has participated in Frosh and JV basketball as well as Interhouse sports. His ability has been invaluable in the positions of BIG T Co-Business Manager and Ricketts House Pledgemaster.



**DUDLEY W. WAGNER
RICKETTS**

Completing a four year course in mustache growing and ME, Dud now feels equipped to return to South Pasadena. As the most rabid automotive engineering bug on campus he was elected chairman of the SAE. He hopes to parlay his ME degree and his 1928 Chevy into a lucrative job.



**ERNESTO J. WEBER
RICKETTS, T²**

Ernie hails from south of the border. He was first exposed to Yankee ways in Mexico City where he attended American School Foundation. ME occupies the greatest part of his time, but the guitar and piano offer more pleasing pastimes. Ernie is a two year letterman and one time captain of the soccer team. His future plans center on grad school.



ROBERT B. ALTERMATT

After attending high school in The Dalles, Oregon "R.B." blessed the Navy with five years as a Radio Technician. Completing his hitch in 1945, he worked as a radio announcer and took a few trips with the merchant marine as Radio Officer. His wife decided not to put him through any more school so he is going to work in Santa Barbara.

DON ARNOLD FLEMING

This lad from Elkhorn, Wisconsin came to Tech after two years in Uncle Sam's Navy. Here he majored in EE and beer drinking. Don isn't sure exactly what he wants to do after graduation, but he's pretty certain that work will have to wait awhile until he has helped consume some of that good Milwaukee brew, and absorb a lot of that leisure man's sunshine.

JOHN D. BAUGHER

John, the man with the red beard, hails from Hollydale, California. He attended Compton College before deciding to put on the shackles at Tech. Being well conditioned by two years in the signal corps, he managed to get through the E.E. option and keep his good health. He plans to go into industry because his wife refuses to support him.



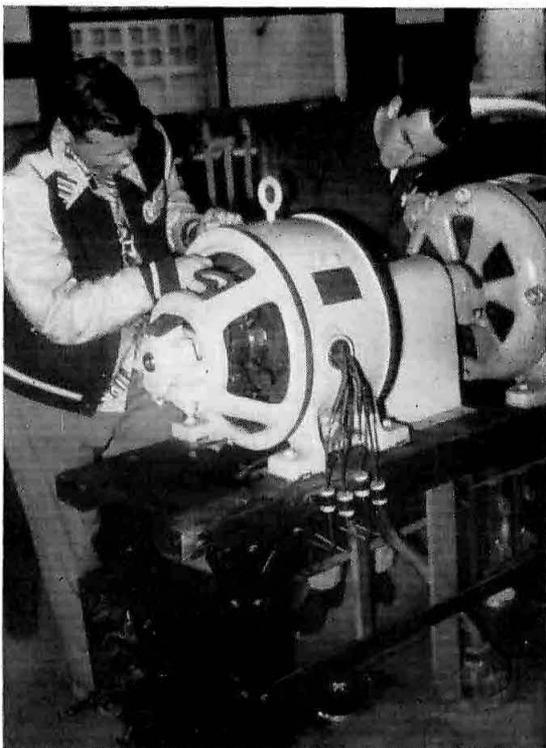
RICHARD L. BRIDGES

After three years as an air traffic controller with the Army Air Corps, Dick, a Californian, came to Tech for an EE degree. He is an honor student, a member of IRE and AIEE, and during his spare time operates his amateur radio station W6PMU. He plans to work in California as an electronic engineer.



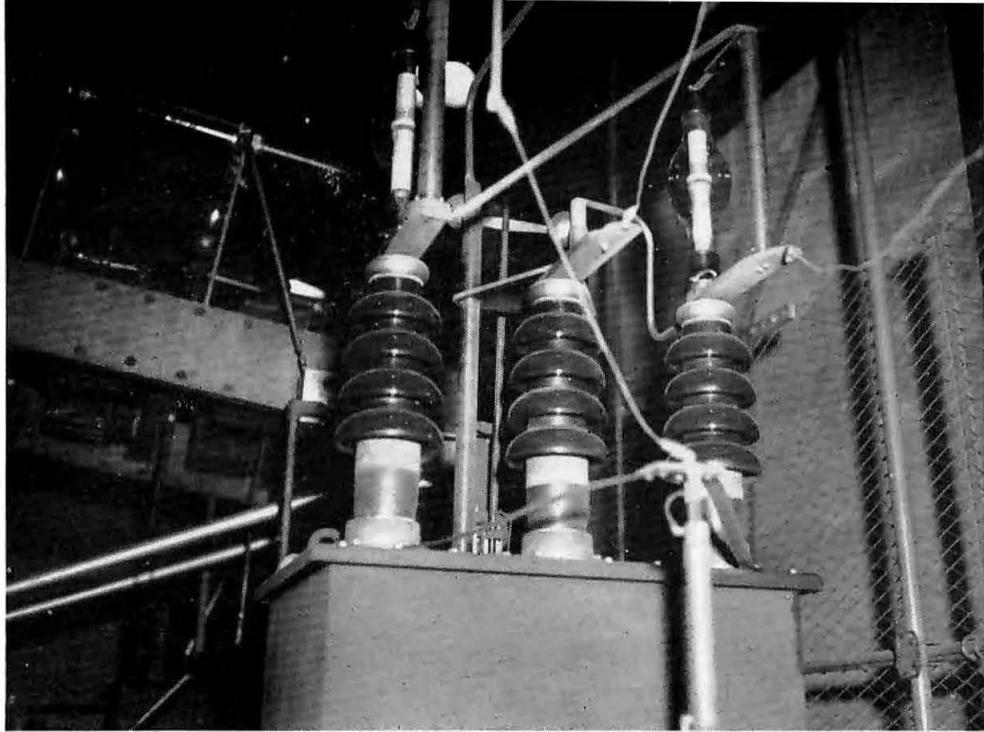
LELAND J. CUFF RICKETTS

Lee holds Hoover High in Glendale, California as his high school alma mater. He is an EE in both major and mind, with electronics receiving particular attention. His immediate plans are to hit the big wide world and work in industry.



ELECTRICAL

'52



**FORREST W. DAVIS
THROOP**

After Forrest graduated from Long Beach Polytechnic High School he entered the Navy. After a year on Guam he was discharged in 1948 and married. He went to Long Beach City College for two years, where he was president of the American Association of Engineers. Forrest entered Tech in 1950. He intends to get an M.S. degree, with his two-year-old son's help, before starting work.



**MALCOLM DAVIS
THROOP, TBPI**

While in John Marshall High School, Malcolm Davis was one of the quieter boys on campus, but not at Tech. In spite of the guidance of the old men of Throop, he has taken time from his ever-expanding social research to rank high in the EE option, make Tau Bate, and enter actively in the AIEE and IRE. His future plans include grad school, possibly at Tech.



**RAY DESTABELLE
THROOP**

Hailing from Glendale, California Ray is an EE by choice and served as Veep of Throop Club during his junior year. While at Tech he played football for four years and earned a frosh numeral and a senior service award. His future plans are uncertain at this writing.



**LEON F. EDELSON
BLACKER, TBPI**

A local boy from Los Angeles High School, Leon distinguished himself in his favorite field, electronics. When not poking his nose into a vacuum tube, he could be seen, or rather heard, shooting the bull in philosophical discussions. He plans to go to grad school to investigate the development of an electronic gold tooth detector to be used in the sorting of garbage.

ENGINEERING

NOT PICTURED

**WILLIAM IRWIN
DABNEY, T³**

This budding young EE graduated from South Pasadena High School at the top of his class after participating in the low hurdles there. Coming to Tech, he continued his track career, and added football, being a great asset to our teams. Taking the big step into marriage in April 1951, Bill is the husband of Dona Jane and proud father of a baby girl, Deborah Jane. After graduation he plans to pick up a little change working on fatigue of metals in the oil industry.



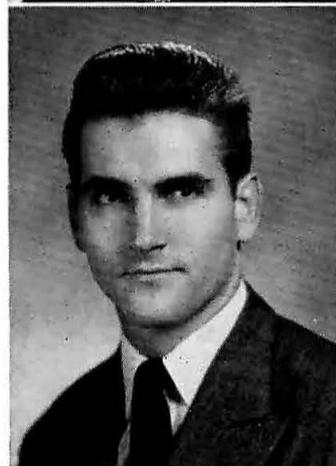
**ROBERT H. GRAFF
RICKETTS**

A retiring lad from the hub of the Midwest; Fromberg, Montana, Bob expresses a strong desire to utilize his EB training to revolutionize the power industry in Montana. Bob has not known the distractions of Army life and, accordingly, has been willing to devote time to the institutes, AIEE, and PE, of which he is a proud first-string four year letterman.



**NORMAN E. GRAY
FLEMING, T, TBPI**

After a hitch in the USN, Norm took up electrical engineering at Tech and managed to work in a good number of extra activities. Among his accomplishments are three years of varsity basketball and baseball, Beavers, Athletic Manager of the junior class, Secretary of Fleming House, and, on top of all this, Tau Beta Pi. He plans to attend MIT for graduate work in EE.



**RAYMOND L. HEACOCK
THROOP, T²**

Ray hails from Tustin Union High School after which he served a two year hitch in the Navy. Taking his first year at Santa Ana College, he transferred to Tech as a sophomore and took up EE. In September 1949 he was married. While at Tech, Ray has been a valuable asset to our track team in the discus and the shot-put. After a year in graduate school here, his plans are uncertain.



**RICHARD FULLER
THROOP, T², TBPI**

Two years as a Navy ETM following Glendale High gave Dick a certain mature, continental viewpoint of school and women. But, after a stint at Glendale JC he came to Tech anyway and distinguished himself in football for three years, served as Throop Club veep and as AIEE Secretary - Treasurer, and still managed to make Taubate. In spite of fantastic salary offers, "twenty-watt" will probably stay here for grad work in servomechanisms.



**VICTOR GATES
THROOP**

As an ex-Navy chief and avid trout fisherman, Vic decided to come to Tech. Since his wife and daughter were willing to support him for four years, he entered the EE option. He plans to work as a field engineer and spend the rest of his time trout fishing and returning to normal life by retiring his wife and daughter from work.

**JAMES G. HELMUTH
TBPI, THROOP**

With a background of three years as a Navy radar technician, Jim spent his freshman year at San Francisco City College and at Berkeley. He transferred to Caltech as a sophomore and became a Taubate in his junior year. Part time work at JPL contributed to his abilities while his wife's CIT paycheck kept Jim at his 200 lb. self, and in good enough shape to try for his M.S. here next year.



ELECTRICAL ENGINEERING



BOYD P. ISRAELSEN
TBPI

An old Army man, Boyd sojourned 18 months with that noble outfit. Transferring as a soph from Utah State, he brought misery to Tech EE's by raising the already high standards. As treasurer of Tau Beta Pi he bemoaned the high price of filet mignon and tracked down grad students with unpaid dues. He lives off campus and even courageously eats his own cooking. The future forebodes grad school at Tech.



HAROLD L. JACKSON

Harold came from Sylvia, Kansas but he now lives in Arcadia where he attended high school. He enjoyed one year at Muir before coming to the "Snake Pit." He is an E.E. and wants to try patent law if the draft board will permit. The A.I.E.E. was lucky to have Harold as chairman this year. He plans to work in the East while getting his law degree.

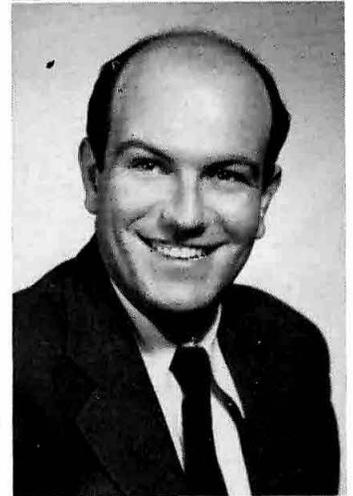
RICHARD E. KENNON

Migrating from his home town of Huntington, West Virginia to attend high school in Santa Barbara, California, Richard is an EE and plans to go to work for Westinghouse in Pittsburgh, Pennsylvania. There is one hitch, however, he is 1-A with the draft after graduation. As a pastime, Richard likes to work on cars.



FRANK C. LANG, JR.
THROOP

After three years in the Navy as an AETM and two years in Hawaii as a radar technician, Frank decided to get an EE degree from Tech. Aside from being a very active member of Throop club he was president of his junior class and edited the Little T. He has already accepted a position as field engineer with Western Electric.



ROBERT MEYER



NORMAN D. PECK
FLEMING, T

Amid cries of "Here comes Sue," or "Will or Won't?" Norm went about his job as head waiter in Fleming with a sometimes casual and sometimes serious air. Coming from Lindsay, California after a hitch in the U.S. Army, Norm decided upon electrical engineering as his chosen field. After four years of hard work and saying "Japan was never like this!" he plans to go to work; as president of some company if possible.





RALPH E. PERRAULT
TBPI

Elk River, Minnesota boasts this EE who served two years in the Navy as an ETM before coming to Tech. While at Tech, Ralph attained distinction as a Tau Bate, a member of AIEE, IRE, and Throop Club besides being a regular enthusiast of afternoon PE classes. After graduation he plans a June marriage and then will go to work.



ROBERT M. PHILLIPS

Bob was born and raised in Arcadia, where he attended high school. He spent two years at Muir College before coming to Tech. He was at Camp Cooke six weeks with the 40th, but decided not to accept their invitation to go to Japan. Instead he came to Tech to study Electrical Engineering. Now he wants to learn all about computers at U.C.L.A.



RENO U. PIEROTTI
THROOP

After graduation from Wilson High in 1947 Reno went to work, but after seeing the hardships of manual labor for a year, he decided to get an education. While at Tech he spent his spare time in Throop Club and participated in Interhouse sports. After graduation he plans to work in Southern California and confine his mother's activities to making spaghetti.



WILLIAM C. PILKINGTON, JR.
BLACKER, T³ TBPI

Born in Fall River, Mass., Bill drifted around to various parts of the country before deciding on the sunny climes of Pasadena. While at Tech he became a mainstay of the cross country and track teams. When not running or sailing or skiing, he can usually be found in the high voltage lab, setting off sparks for visitors. His future plans include both grad school and work.



ELECTRICAL



HOWARD G. PRESTON RICKETTS, TBPI

The lone Tau Bate of the Rowdies came from the merchant marine and air force after prepping at PCC. He did his bit for Tech as chairman of the last Student's Day. Howard has been VP of the TBPI's, treasurer of the Beavers, monopolist in the ice cream business, and Novice Tennis Champ. He even took time to sail, play golf, and take Rosie out. Howard and Rosie plan to get married and spend the summer in Alaska. He then plans to cool electronics, as he did EE here, in grad school.



DENTON RIGGS T, TBP;

Coming from Glendale, Arizona where he attended Glendale High School, Denny spent two years in the US Navy as an electronics technician and then started work at Tech toward a degree in EE. He plans on getting married soon after graduation and attending graduate school in electronics. While at Tech, Denny achieved distinction by being a member of Tau Beta Pi, and by earning a letter in varsity track. At this writing, he is attempting to make this a two year letter.



JAMES ROSS

After three years in the Navy as an AETM instructor, Jim entered Tech and immediately became a member of the Board of Control and lettered in frosh football. However, during the next few years his family increased by two sons, Don and Jack. Consequently, his big job has been keeping a high GPA and supporting his family by part-time work at JPL. He plans to return to Tech for his M.S.



MARTEN L. SANDELL

Marten's early years and high school days were spent in Lushton, Nebraska. Then he went to P.C.C. for two years before coming to Tech. Like many others he gave some of his time to the U.S. Army in the Medics Corps. He was an E.E. at Tech and a folk dancer on week ends. Now he wants to go to work in the East.

KEITH L. WINSOR DABNEY, TBPI

Hailing from the grape country of Lodi, California, Keith's background in experimental radio has stood him in good stead as an EE. Keith has decided that he wants to rise high in his field, and is plunging into industry in June.



WILLIAM L. WISE

Bill started out in Freeport, N. Y. but did a lot of traveling before settling in Pasadena. Part of his travels included much of the Pacific Ocean while on a detour of duty with the Navy. He is an E.E. but his chief interest is his wife. He played both football and baseball for Tech, as well as being a member of the board of control. Now he wants to go to work somewhere close by.



ENGINEERING



GEORGE E. COOK
T¹

George hails from San Gabriel, California and went to high school in Alhambra. Studying civil engineering at Tech didn't seem to burden George appreciably since he was married recently and is still passing (?). Lettering one year in Varsity football, he ran track as a freshman and earned a numeral. As editor of *The Spillway*, the bi-weekly paper of the ASCE, George did his bit to liven up the routine at school.



GEORGE B. COOKE FLEMING

Coming to Tech from Hollywood High School in Los Angeles, George took up civil engineering and is interested in geology. After graduation he hopes to work out of the draft. He played frosh football and is widely known as the Fleming House Pope. Spending last summer in Alaska, George gained much experience in the ways of the world and came back wealthier and wiser!



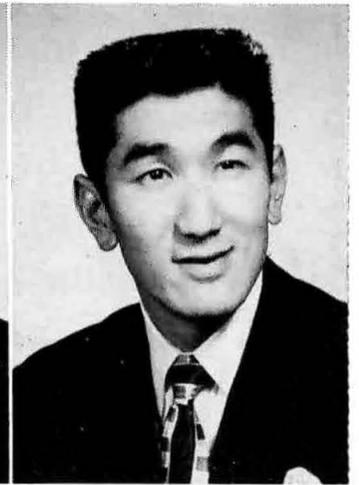
HODGE C. GAINES

Buzzy came to Tech in 1948 after two years in the Army. He has been working for a structural engineer since the end of his freshman year and plans to continue work in this field. Buzzy and his wife Phyllis have been married for five years and have a small son Mark. For future plans he would like to have a small consulting office and a large family.



WAHEED KHAN GHAURI FLEMING

Waheed, the only man in his class to begin as a freshman with a Bachelor of Arts degree from the University of Panjab, Pakistan, comes to us from Lahore, Pakistan. He is a CE with a flair for geology. As secretary of Fleming House, Waheed composed poetry that was acceptable to the men of the house. Unless his father sends subsistence, he is going to have to go to work to support his wife, Shirley and baby Kathy.



RICHARD KARASAWA RICKETTS T³, HONOR KEY

Babe ended up at Tech after San Diego, Arizona and Illinois, especially Chicago, told him that this was the place where he could wear pegged pants. Earned six letters in football and baseball, has name on Wheaton and Alumni Trophies, and was All-SCIAC and captain in baseball. Also was ASCIT Athletic Manager, Jr. Class VP, and a Beaver. Having spent time as a paratrooper in an army of occupation, Babe is free to begin CE work in the structural field.

CIVIL

JOHN P. McCOURT BLACKER

With the love of the Irish behind him, John, who hails from Santa Barbara, became a civilian after serving 2½ years as a second looney. An ardent supporter of the Caltech honor system, he found time to serve on the Board of Control and to become a member of the Beavers. At other times he could be seen out on the baseball diamond, playing tennis or lifting weights. His future plans include a special invitation from the army to rejoin the ranks.





ENGINEERING

**AUGUSTO L. SOUX
BLACKER, TBPI**

From the far off city of Potosi, Bolivia, Gus, the latin lover, came to California to win the hearts of all fair ladies. Attracted to Tech, he immediately plunged into the spirit of things, distinguishing himself in music and house activities as well as in his studies. In the house he became Keeper of the Cans, House Treasurer, and a member of the College of Cardinals. His future hopes lead him to graduate school.



**EDGAR Y. WONG
EDGAR YUEN WONG
THROOP**

Ed is a native son of Los Angeles and attended Polytechnic High there. While at Tech he studied Civil Engineering and was secretary of the local A.S.C.E. Chapter. You could always find Ed in the middle of any Throop Club volleyball game. He would rather go to grad school than to take advantage of the lush employment situation.



**HAROLD J. WOODY
THROOP, T³**

Receiving recognition as an All-SCIC footballer for the year of 1951, "Woody," as Harold is known around Tech, was known throughout the conference for his brilliant ball handling. Coming to Tech from Hoover High in Glendale, California, Woody majored in civil engineering. He is interested in geology as a side-line and plans to study it in his spare time after graduation.



**SAMUEL F. MIDDLEBROOK
BLACKER, T²**

A mountain boy from Dobbins, California, Sam came to Tech and learned to wear shoes. A civil engineer with secret yearnings for geology, he found time to heave a mean javelin, and directed the ASCE as president. In Blacker he was active in interhouse sports, and served as Athletic Manager and Social Chairman. If Uncle doesn't catch him, Sam hopes to see the world before settling down to building roads.





**MICHEL BADER
DABNEY**

Originally from Paris, France, Mike went to high school in Mexico City and in Santa Monica, California. He served Dabney well as a member of its renowned Social Committee and in both Interhouse and intercollegiate bridge tournaments. He plans to continue his present multilingual, multifarious social activities; to do graduate work in nuclear physics at Columbia; and to enter military service in the utterly distant—he hopes—future.



**RICHARD BROWN
RICKETTS**

Who would guess that this budding young physicist was originally a product of La Grange Park, Illinois? Ever thirsting for knowledge and advancement, Dick pressed westward till he reached his goal in the physics department at Caltech. Moreover, his natural athletic ability was never suppressed in Interhouse sports and basketball. Enamored by Southern California, Dick will find it hard to tear himself away.



**SIG CHAMER
DABNEY**

Hailing from New York City, Sig has exercised his Big City suavity and his '49 Ford in frequent trips to Scripps in the last four years. He has worked upon the California Tech and Big T, and can be seen at almost any hour playing bridge. How he remains a lounge lizard and a Physicist is a mystery to many, but he seems certain to take grad school by storm.



**ALEXANDER DESSLER
RICKETTS**

As the loyal and beloved president of Ricketts House, Alex has demonstrated that his birth in Willows, Calif. and his short hitch in the Navy has not dulled his natural abilities. Both the House and the Physics option have enjoyed the gem-like flame of his repartee and after dinner manner. Narrowly missing two varsity letters, Alex can boast of a Frosh numeral in tennis. He hopes to be more fortunate in obtaining a graduate degree in Physics.



**STANTON L. EILENBERG
RICKETTS**

Receiving no distinction by being one of the throng from Seattle, Stan plans to gain renown as a Physicist. Even the distractions of married life have not deterred him from his interest in basketball and track, or his goal of a Ph.D. in Physics.



**BERNARD A. ENGHOLM
RICKETTS, HONOR KEY**

Barney prepped for Tech at Western Reserve Academy in Ohio and at Yale. He's been rah-thah busy as Beaver president, BIG T co-editor and Y vice president, but he found time to diddle with amplifiers and to satisfy a mad passion for Bach fugues played on the herpsichord. He even managed to shoot an occasional round at the local golf courses. With a degree in physics behind him, Barney plans to attend the Oak Ridge School of Reactor Technology.

PHYSICS

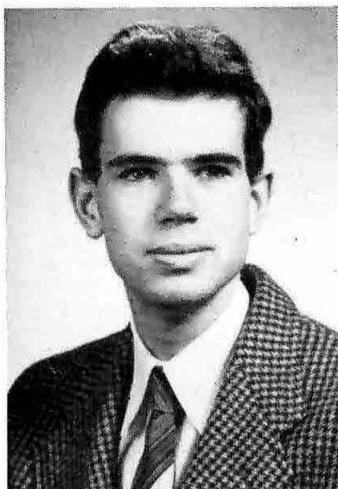


**TOM HAMILTON
DABNEY**

Seven no-trump or bust Tom, he's known as in Cal Tech bridge circles. A columnist for the Tech, and an able UCC, he has been very active socially in Dabney. There seems no doubt that Tom will make an able Aeronautical Engineer or physicist, and he may stay here at Tech to do grad work.

**ALAN R. JOHNSTON
BLACKER, TBPI**

Al is proud to claim Van Nuys High school as his alma mater. After coming to Tech, he went out for frosh and varsity baseball and indulged in house athletics. He may be seen on weekends dragging in canvas sails and drying them on the house stairs. He plans to attend grad school.



**ERNST GEHRELS
BLACKER**

Ernie calls San Francisco his home but arrived at Tech after a sojourn in Switzerland. While he majored in physics his real interest in life is electronics and this has led him to be a member of AIEE, the student shop, and the musicale, as well as to be secretary of the Radio Club. Between calls Ernie found time to debate in his frosh year and ski a bit in winter. Future plans include grad school, probably at Stanford.



**MALBONE W. GREENE
THROOP**

Hailing from San Marcos in the Great State of Texas, Malbone is also an alumnus of Pasadena City College. He spent two years in the Navy as an AOM second class before coming to Tech to enjoy the easy life in the physics option. He plans on graduate school.



MONTAGUE D. GRIFFIN

Claiming to be the only Techman who holds membership in the USC Student Body, Montague comes from Brawley, California where he is remembered as pyrotechnician, weather prophet, tesla coil maker, and amateur astronomer. He is a physicist by option, an EE in practice, and a chemist by occupation. He won the novice tennis trophy in 1945 and was once Dabney ping-pong champ. He looks forward to the end of PE and to grad school in meteorology at UCLA.

**BARCLAY KAMB
TBPI**

Generally acknowledged as the genius of the class of 1952, Barclay also served as president of the Caltech Chapter of Tau Beta Pi and as junior class secretary. Although classified by the institute as a physicist, he has dabbled in astrophysics, math, and geology to the extent of about thirty extra units per term. He plans to go on to graduate school and seek a career in research or teaching.



'52



**BOB LAFF
DABNEY, T**

A member of the Bakersfield Chamber of Commerce, even though he now lives in San Berdu, Bob is a physicist, and will do grad work at Illinois U. Despite his overwhelming interest in women, and claiming that he will not let college interfere with his education, Bob played Frosh football, played water polo and dove three years, was in Band, Orchestra, Institutions, Drama Club, and claimed dubious honors of H.T. and H.O. of Dabney House.



**ROBERT E. LAWRENCE
BLACKER**

A product of Wilson High in Los Angeles, Bob commuted to Tech daily for two years before sheer weariness drove him to shelter in Blacker. He devoted his time at Tech to studying physics and struggling with the Hell Alley where he was UCC. Future plans include work, marriage, and a family.



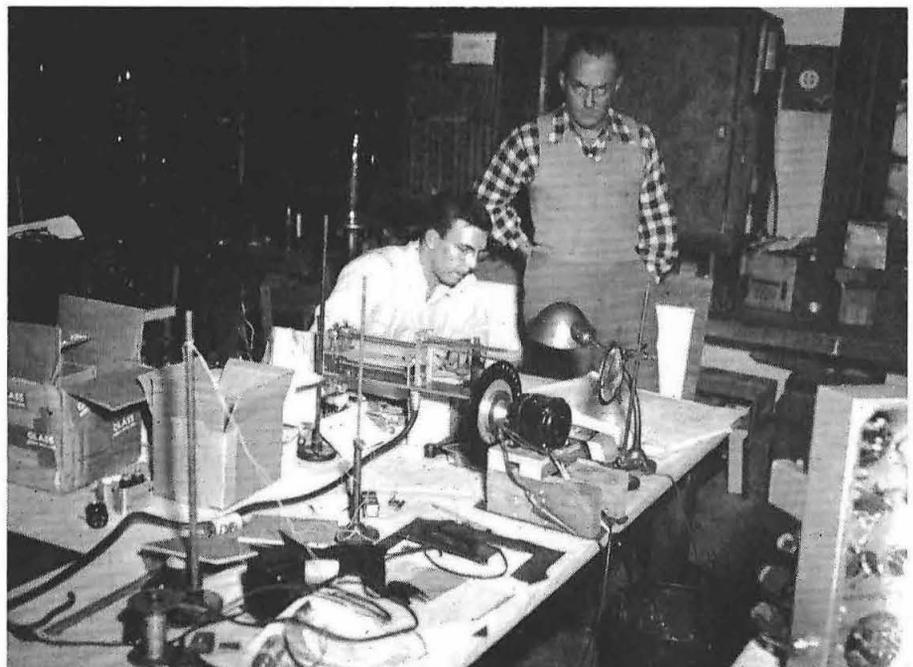
**CLINTON LEW
THROOP**

Coming to Tech from Polytechnic High School in Los Angeles, Clint is a hard-working physicist who enjoys bowling for recreation. If his draft board doesn't violently object by sending him greetings from the President, Tech will be seeing him in graduate school in September.

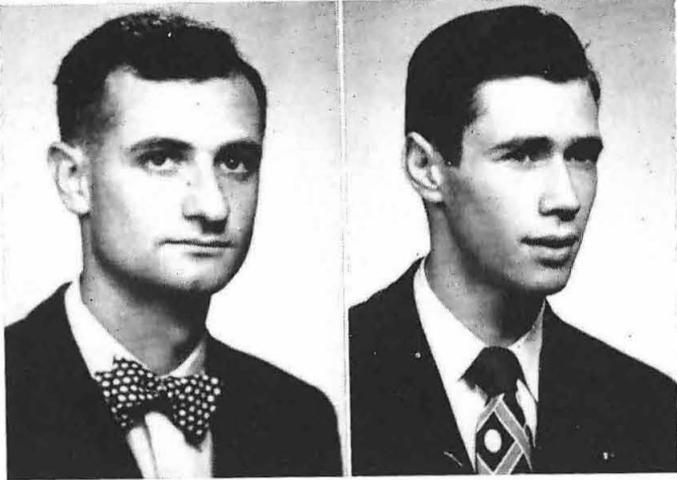


**JOHN M. McCOOL
BLACKER, TBPI**

One of the few Tech physicists who will admit he's interested in engineering, John came to Pasadena from the Bay area. He joined the IRE and AIEE, and held the offices of TBPI Social Chairman and Secretary-Treasurer of IRE. John moved off campus third term of his senior year to prepare an apartment for his June marriage. To finance all this, John plans to go to work after graduation.



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CHARLES MILLER
TBPI, THROOP

Originally from Fairfax High in Los Angeles, Chuck acquired the reputation of having the loudest voice on campus, and therefore was naturally elected cheerleader for two years. Extraordinarily active for a physicist, he also served as vice-prexy of the Beavers and of the Senior Class, and as IHC secretary. A member of Tau Beta Pi, he plans to go on to graduate school.

ROBERT PARNES
BLACKER, T², HONOR KEY

One of the busiest men at Tech, Bob came to us from Fairfax High in Hollywood. When not struggling with physics, Bob found time to take pictures for the 1951 Big T, letter in two years of track and one year each of football and cross country, earn two honor keys, and get elected to the Beavers. His latest effort is the active square dance group he coaxed into being on campus this year. If he doesn't go to grad school, he hopes to find out what physicists do for a living in the cold, cruel world outside.

PHYSICS



PETER PAULING
FLEMING

Between tinkering with his roadster and amplifiers, et cetera, Peter managed to squeeze in the requirements for a degree in physics. Arriving at Tech from PCC, he took a year out to travel in Europe with his parents and then completed his studies here. Graduate work at the University of Cambridge is the order for next fall. Pete combines a scientific curiosity with an exceptional appreciation of music and modern art.

RON SHREVE
DABNEY, TBPI, HONOR KEY

A small town boy from Bishop, California, Ron has been active in house politics and in ASCIT activities. A staunch interhouse man, and a Dabney Waiter, he has been a Tau Beta, Beaver, writer for the California Tech, has boomed the bass drum in the Caltech Band, and has been a campus guide. As house president for the past year, Ron has done a meritorious job. With avocations of geology, mountain climbing, photography, and electronics, he plans to do grad work in Physics.



RICHARD W. WEEKS
THROOP

Originally from Alhambra, after four years in the Navy and five commendations, Dick settled down with his family in that picturesque development on Emperor. Around Throop Club he is remembered as captain of that fine handball team which trounced Dabney and Blacker. A physicist by option, he has done research in Hydrodynamics and so plans grad school in ME or physics with a view toward teaching.

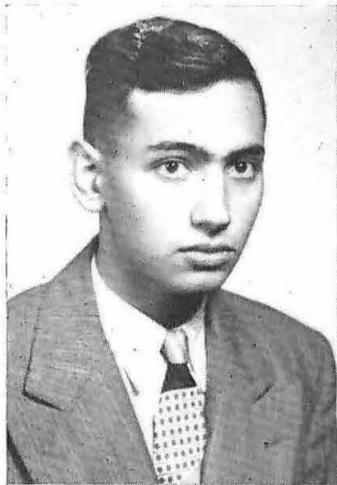


JESSE L. WEIL
DABNEY, TBPI, HONOR KEY,
T³

Activity plus might be a term for Jess. He has earned 3 honor keys by participating in Band, Orchestra, drama club, being sports editor of the Tech, making two letters in water polo and three in swimming. Also a Dabney crew team sparkplug, he still found time to work in the synchrotron lab. Columbia couldn't afford to pass Jess up, and he will be doing grad work in physics there.



'52



BRUNO HERSCOVICI
TBP;

Coming to Tech from Monrovia High School and claiming Arcadia as his home town, Bruno is really quite a cosmopolitan, since he was born in Romania and has also lived in India. While at Tech he was a member of the Math Club and the Musicales, and played soccer for two years. He hopes to go to an eastern graduate school to study his favorite subject, mathematical logic.

NOT PICTURED

MELVIN L. KATZ
FLEMING

Mel comes to Tech from Beverly Hills, California and aspires to math as a profession. Attaining distinction as Fleming House constable and co-president of the weight lifting club, Mel was always to be found where there was a good time to be had. He earned a frosh numeral in football, and has been an enthusiastic member of many of Fleming's teams.



ROY A. KEIR
FLEMING

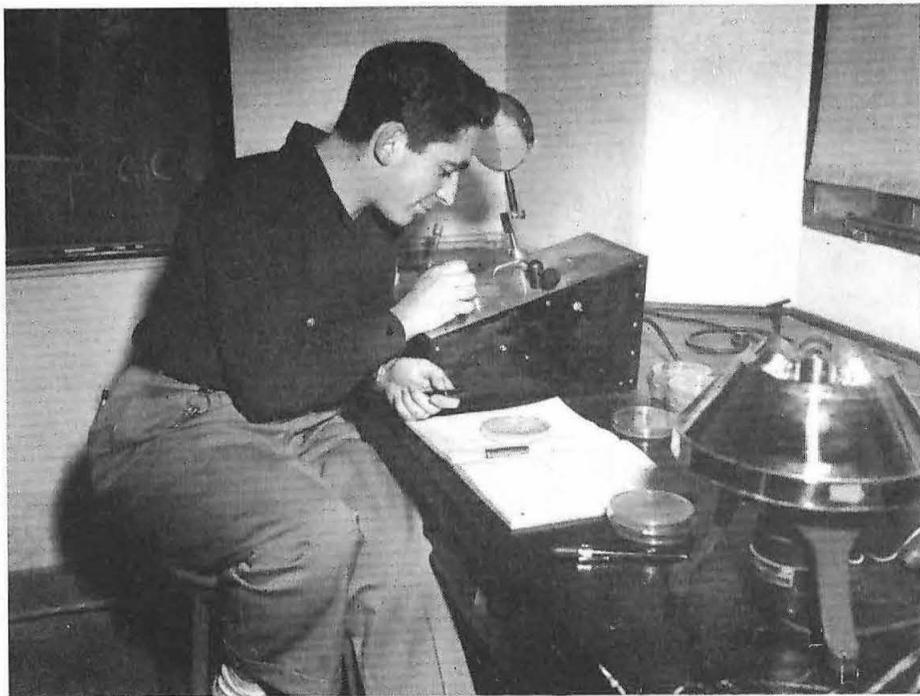
Hailing from Modesto, California, Roy studied math at Tech but has strong leanings toward a literary career as is evidenced by his editorship of *PENDULUM*. As for future plans, he feels that his Uncle Sam's call will probably be overpowering in the near future. While at Tech, Roy played frosh football receiving a numeral and also played baseball for four years.



JOHN C. PORTER
THROOP

Coming to Tech for matrimonial reasons, John quickly retired to the Greasy where he could almost always be seen rationalizing over a cup of lukewarm coffee. His pre-Caltech days were unhappily spent as an ETM in the USN, thus making him one of the last of that noble but vanishing species. Future plans include work at JPL and analyzing racing forms.

MATHEMATICS





**SHERMAN E. BUTLER
BLACKER, T**

The favorite son of Santa Ana High School, this lad came to Caltech believing it couldn't be as hard as everyone said. He is constantly seen running from one place to another, being physically incapable of walking. His future plans include reforming the world by teaching people to relax, listen to classical music, and go to church.

BIOLOGY

**GILBERT E. KITCHING
THROOP, HONOR KEY**

Entering Tech from John Muir College in Altadena, Gil led a very active life at Tech. He was elected ASCIT First Rep, held almost every Throop club office including president, was class treasurer twice, went out for football and track, and was a member of the Beavers. Although he has no military experience outside of the Boy Scouts, he plans to avoid the draft by starting in Medical School in September.



**DONALD E. SUTTON
FLEMING**

Claiming Boring, Oregon as his home, Don is a biology enthusiast par excellence! Graduating from Sandy Union High School, he came to Tech to get the word on the latest bugs etcetera. While at Tech, Don participated in track and house activities in general.



ELIOT A. BUTLER
TBPI

Hailing from the thriving community of Snowflake, Arizona Eliot spent with the Army in Europe with the 66th Division before coming to Tech to take up chemistry. A Taubate, he kept busy when not studying by looking after his wife and year-and-a-half-old daughter. He hopes to continue at Tech as a graduate student and eventually get into academic work.

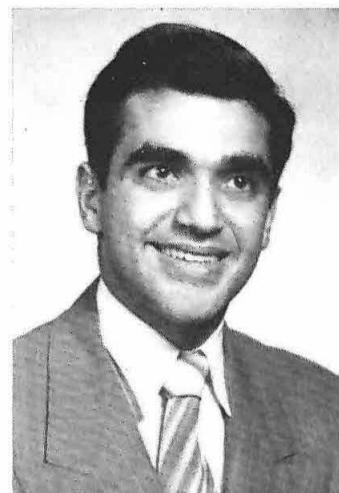


THEODORE EINWOHNER
BLACKER, TBPI

Having attended Roosevelt High School in Washington, D.C., this individual has been secretary-treasurer of the student shop and has served as house chairman of the Institute. He plans to go to graduate school.

MOISES LEVY
DABNEY, TBPI

Moose, the Latin lover from Panama and nemesis of the thin-Gillette razor blade company, went to USC for a year before coming to Tech. He is a member of the ACS, participated in House sports, and served Dabney for a year as Upperclass-Committeeman. He plans to divide his time between the rapidly expanding M-D Corporation, which he co-founded in conjunction with his fellow chemist, Dick Dickinson, and graduate work in Chem Engineering at Caltech.



FRANK A. LUDWIG
DABNEY

Besides earning his reputation as the most persuasive man in Dabney the hard way, Frank played Inter-house baseball, turned in an unexcelled performance as Rally Commissioner, served as Dabney House Vice-President and Social Chairman, and — his most noteworthy distinction, he says — married a Whittier College girl in his senior year. Though he is from Pennsylvania, he plans to remain in sunny California to work for Standard Oil.



HENRY RICHTER

A native Californian from Long Beach, Rolling Hills, and Temple City, respectively, Henry came from a hitch in the Navy to attack Tech. His activities included the foremanship of the student shop, membership on the Board of Control, and presidency of the Caltech chapter of the American Chemical Society for two years. His spare time is occupied by his wife and two children and by ham radio station W6VZA. He plans to go to grad school.



CHEMISTRY



PETER VERDIER
TBPI

A hometown boy from Pasadena, Pete claims close resemblance to a normal American boy before coming to Tech. Very active in non-athletic activities, he was president of the Drama Club and recording secretary of Tau Beta Pi. A four-year letterman in flomers, crew, and physical education, he had a perfect attendance record in the Greasy Spoon. Pete looks forward to a future in draft-dodging and biophysical chemistry.

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RODGER W. BAIER
RICKETTS, T²

Rodger hails from Chaffey High in nearby Ontario. He quickly became famous in Ricketts House for his inimitable piano stylings, Institutur work and mmebership on the house social committee. On top of this he managed to find time to write sports for the TECH and letter in tennis. This past year he was VP of the ACS Student Affiliate. Rodger will begin applying his Chem Engineering in Tro-na shortly after graduation unless the Draft Board finds better applications for him in Korea.



MICHAEL J. CALLAGHAN
RICKETTS, HONOR KEY

A Los Angeles native son, Mike came to Tech from Villanova Prep School. After trying almost every option except Math he happily settled in Applied Chem. Mike was chairman of the Ricketts House Instituturs, Vice Prexy of the ASCIT, and a member of the ACS. In his spare time he can be found with either a tennis racket or a camera in his hands. Right now he's looking forward to a job in the petroleum industry and then maybe another year to earn a Master's Degree.



ROBERT S. DAVIS
DABNEY

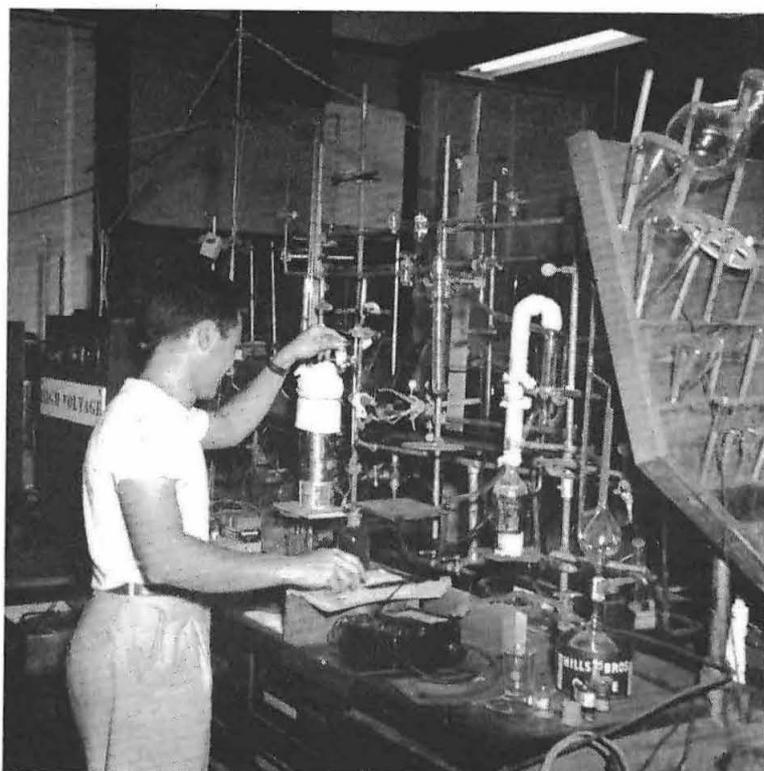
Coming to us as student body president of Hollywood High, Bob was ably suited for the very social job of 1st Representative. After applying himself diligently at football and track for two years, he took the big step, and came back in the fall of '50 as a married man. Soaring grades will mean an opportunity for Bob to do grad work in Chem Engineering right here at Tech.



RICHARD DICKINSON
DABNEY, T³

After what he claims to have been a dull existence at Santa Ana High, Dick came to Tech with two ambitions. First, he wanted to be an athlete. After a spell with Preisler, he became a track and cross country man, kicking like a colt on the four mile grinds. His second aim was to spark the Dabney Crew team, and he has been its anchor for four years. Barring a forced sojourn with Uncle Sam, Dick will go to work as a chemical engineer.

APPLIED CHEMISTRY





**MARVIN H. HYMAN
RICKETTS, T²**

Los Angeles will sometime be proud to acknowledge Marv's birthplace and early schooling. His desire to serve has led to his offices of Ricketts House Vice President and BIG T Business Manager for 1952. Marv has also doubled by serving in tennis, earning, at this writing, two varsity awards. Recent developments in the academic field seem to indicate that he will continue his career of Applied Chemistry in Caltech's Grad School.

'52



**DAVID C. KOONS
RICKETTS, T³**

Dave came from nearby Inglewood to pick up a degree in Chem Engineering. Took time out from snaking and bridge games to take over first base for the Tech nine, earning frosh and three varsity letters. Dave used his slugging talent to land a place on an All-American team, running, throwing, and fungo batting with some of the best collegians in the country. In spite of Uncle Sugar's yen for drafting guys like himself, Dave hopes to work in his field of engineering after June.



**WILLIAM A. KEMMEL
DABNEY, T**

Although Bill transferred to CIT from Case Tech as a Junior, he has made a name for himself in Football, Pi Kappa Delta, and as Executive Vice President of Dabney. Bill has an excellent taste for "Queens." Having escaped Uncle Sam so far, he will do Grad Work at MIT as a Chem Engineer, and then is sure to fall the prey of some eastern gal or of Uncle Sam.

NOT PICTURED

**DONALD E. STEWART
DABNEY**

An avowed team-man and a hard worker from Burlingame, California, Don served Dabney well as HV until the harsh vicissitudes of the celibate life drove him forth. He also played in practically every Interhouse sport and served as House Athletic Manager, as Chairman of the ASCIT Election Committee, and on the Board of Control; he is a Beaver member. He plans to remain at Caltech to do graduate work in Chem Engineering.

APPLIED CHEMISTRY

STANLEY R. RAWN

Originally from Duluth, Minnesota, in the frozen north, Stan thawed out in two years of naval electronics before coming to Tech. He won his frosh numerals in cross country and was treasurer of the Chem Club. He plans to go on to grad school if he can manage to fight off recurring Navy recalls.



WILLIAM T. WEBBER

A product of Long Beach Polytechnic High School, Bill honored the army with two years of his life before coming to Tech. While at school he was active in the Caltech chapter of the American Chemical Society, becoming one of its two vice presidents this year. He plans to attend graduate school.



**JOHN L. HOWELL
BLACKER**

After four years of playing bridge, skiing, looking for an oil divining stick, ten terms in dancing class and still being unattached, John, the only short Texan in captivity, aims to head back for them thar oil fields and strike it rich.

**DAVID JOHNSTON
FLEMING**

Hailing from Whittier, California, Dave followed his father's field in geology at Caltech. Specifically, he studied geophysics and hopes to go into cartography as a vocation. Piano and oboe are among his avocational interests. Tennis and volleyball were Dave's sports interests while at Tech. Upon graduating, he hopes to go to grad school and chos the navy as an alternate.



**DONALD LAMAR
THROOP CLUB**

Representing a little town north of Glendale named Montrose, Don attended Glendale High and then took up Geophysics at Caltech. Lettering for three years on the varsity football squad took considerable time but Don managed to take an active part in Throop Club affairs. UCLA holds an interest for Don as far as grad school is concerned, but Kansas also has possibilities.

GEOPHYSICS



**RICHARD VON HERZEN
FLEMING, T**

Dick claims the title of "quietest man in alley five." Fleming. Coming to Tech from North Hollywood High, he took up geophysics and inhabits the geology library from 7:30 to 11:00 p.m. every night. Dick earned his varsity letter in both swimming and water polo and is well known to Tech opponents. After graduation Dicks plans to attend graduate school for at least one year and study oceanography, perhaps at La Jolla.

'52



**JOHN CAGLE
FLEMING**

Always to be found on geology field trips was this sun worshiper from Inglewood, California. After setting Inglewood High on fire, he tried the same at El Camino College for a year and then came to Tech. While here, he played frosh football and was a member of the swimming team. After graduation, John plans to go to work and hopes to return to school someday, all conditions being right, i.e. he gets rich!



**WILLIAM F. EDMONDSON
THROOP**

A local dude from South Pasadena-San Marino High School, Bill held the moneybags of both the senior class and Throop Club when not out geologizing or playing bridge. He was also social chairman of Throop. Also a model railroad enthusiast, he claims the reputation of being a welcher. His plans for work were foiled when Superior Oil Company decided to finance his graduate school education.



**DALE C. KRAUSE
BLACKER**

Dale came to Tech from Bellflower to delve into the intricacies of geology. Between trips to the field, he was an ardent Y worker and film classics booster as well as being a student waiter. Mining geology in distant lands is his hope for the future.



**DOUGLAS C. ALVERSON
DABNEY**

Though he claims San Francisco as his home town, Doug graduated from Hamilton High in Los Angeles. He is chiefly interested in geology, foreign languages, military history; is 1-A (Sob!). While at Tech, he edited that yellow journal of the Geology Division, the "Fumeroles," and terrorized frosh as House Librarian and Upper-class Committeeman in Dabney. He plans to do graduate work after he leaves Tech.



**DANIEL APPLEMAN
BLACKER**

Since coming from Santa Monica, California, Dan has majored in music, with minor interests in geology. He has been vice president and president of the musicale and music columnist for the California Tech. He also served on the YMCA cabinet and played violin in the orchestra. He plans to go to grad school, hoping to do teaching and research.

GEOLOGY

**PHILIP M. ORVILLE
HONOR KEY, TBPI**

Hailing from Santa Monica High School, Phil attained recognition as somewhat of a naturalist before coming to Tech and therefore naturally fell into line with the geologists. While at Tech, Phil earned an Honor Key, membership in Tau Beta Pi, presidency of the YMCA, vice-presidency of the Geology club, and served as assembly chairman one year. After graduation, he plans to attend grad school somewhere in the East.





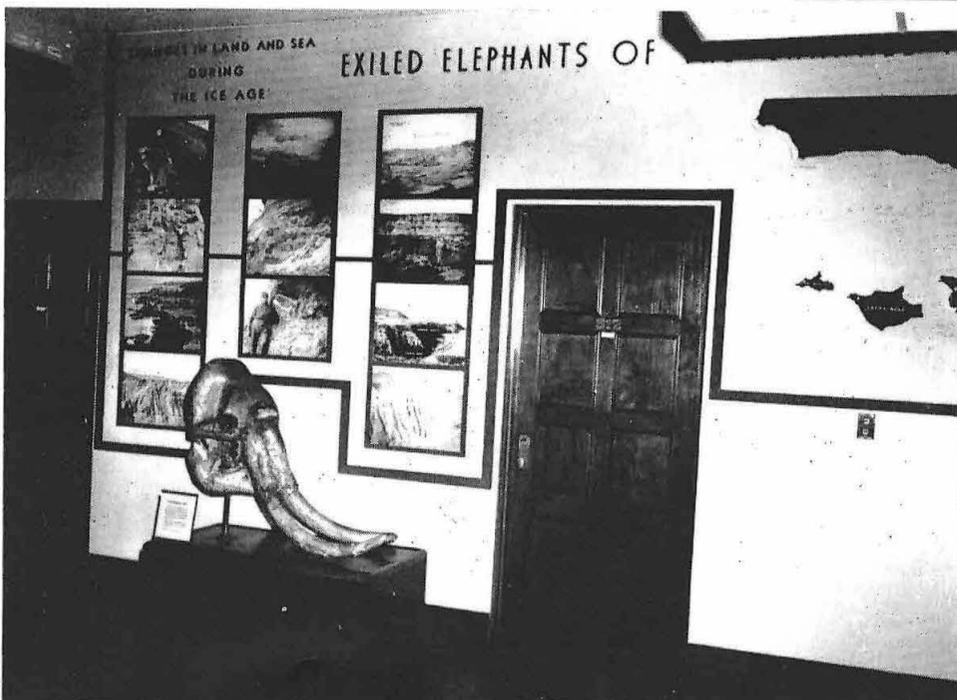
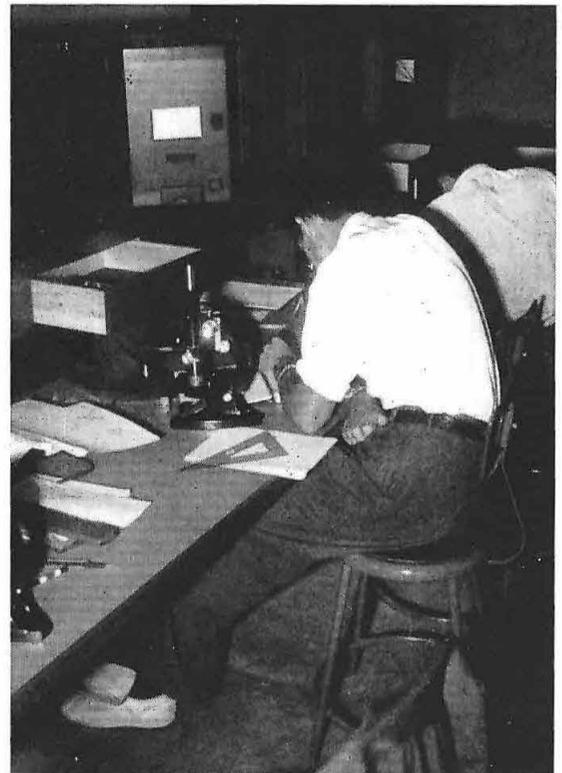
**JACK I. SIMMONS
RICKETTS**

Born, it is rumored, in L.A., Jack displayed early patriotism by enrolling in military school at the age of 7. Later, revealing his true character, he enrolled in Caltech, and embraced the Geology option, where he thrives as defensive end on the Geology football team. In the off season he has participated in Inter-house sports, and he was Geology Club VP. Draftboard willing, Jack plans on grad school.



**DEANE K. SMITH, JR.
FLEMING, T**

This boy from Sacramento, California began his studies at Tech with math in mind but later changed to geology. He played three years of varsity baseball and frosh baseball and football. Frequently seen at house social functions and in the lounge playing pinochle, Deane is a typical geoliker. Grad school is the ticket for this man after graduation. He hopes to get a Ph.D.

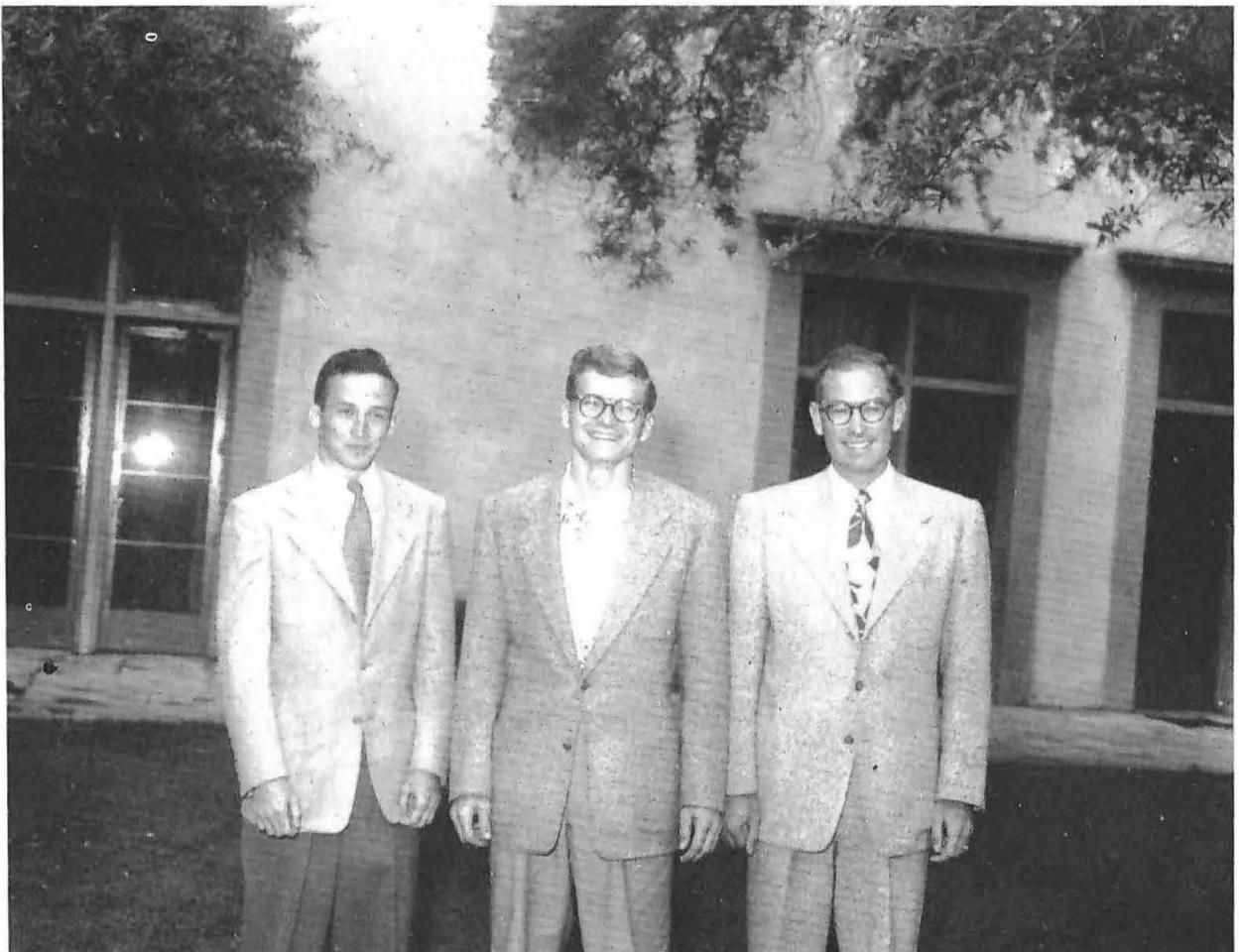




TOM JANNSENS, President

JUNIOR CLASS

Bob Wood, Athletic Manager; Al Johnson, Vice-president; George Moore, Secretary-Treasurer





Bob Salkeld, Secretary; Gene Kaiser, Athletic Manager; Fred Garrison, Treasurer; John Kidder, Vice-president; Moose Henderson, President.

MOOSE



SOPHOMORE CLASS



Elected Officers: George Macdonald, Athletic Manager; Jim Adams, Board of Control; Ralph Miles, Board of Control. Seated: John Merrill, Vice-president; Ed Gehle, President; Bob Hanvey, Secretary-Treasurer.

Appointed Officers: Ed Gehle, Vice-President; Ralph Miles, Board of Control; Dave Workman, President; Ben Cummings, Board of Control; Bob Hanvey, Secretary-Treasurer.





FRESHMAN CLASS

Sad Day for the Frosh



Soph-Junior Beach Party

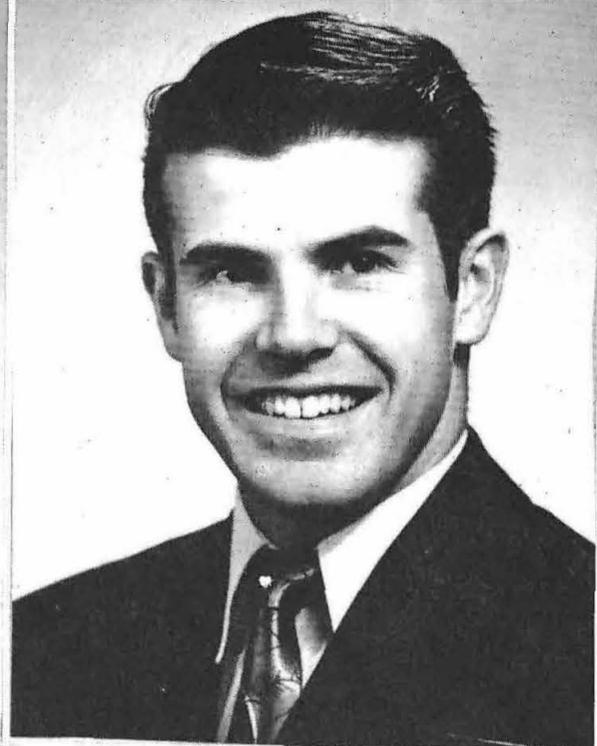


Where the lofty mountain peaks . . .





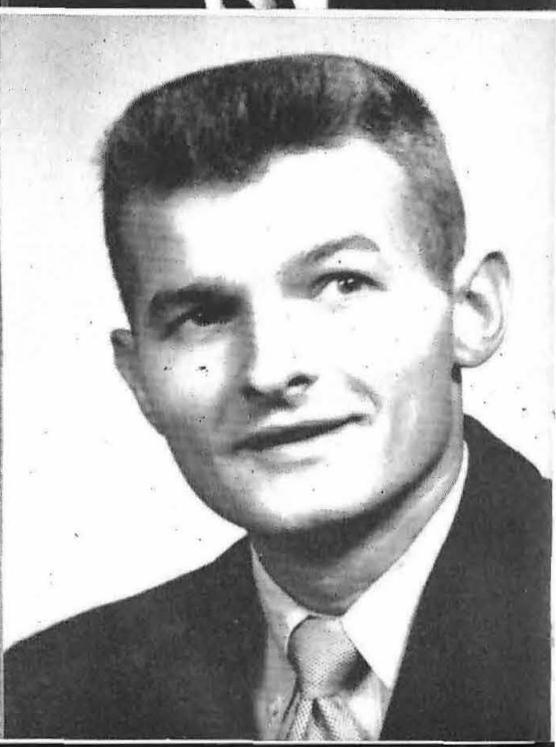
Activities



JIM LATOURRETTE, Secretary
 MIKE CALLAGHAN, Vice-President
 JOHN GEE, Treasurer

GIL KITCHING, First Rep
 JOHN BOPPART, Publicity Manager

BRUCE WATKINS, Second Rep
 BABE KARASAWA, Athletic Manager
 J. T. BILLINGS, Rally Commissioner





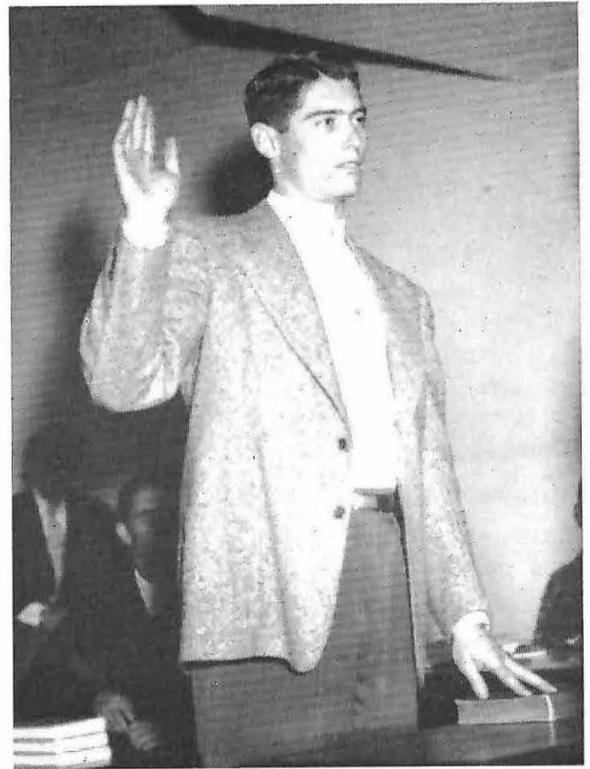
DAVE HANNA, ASCIT President

BOARD OF DIRECTORS

BOARD OF DIRECTORS IN ACTION



NEW OFFICERS



JOHN GEE, President-Elect



Miles, Moore, Lynam, Henderson, Autrey, Merrill
Johnston, Gee, Fazio

BOARD OF CONTROL



MIKE CALLAGHAN, Chairman

CUMMINGS, CALLAGHAN, JOHNSTON, VODOPIA
STEWART, RICHTER, NICHOLSON, LATOURRETTE



ELECTION COMMITTEE

DOUG ALVERSON, BOB HOLBROOK,
DON STEWART (Chairman)



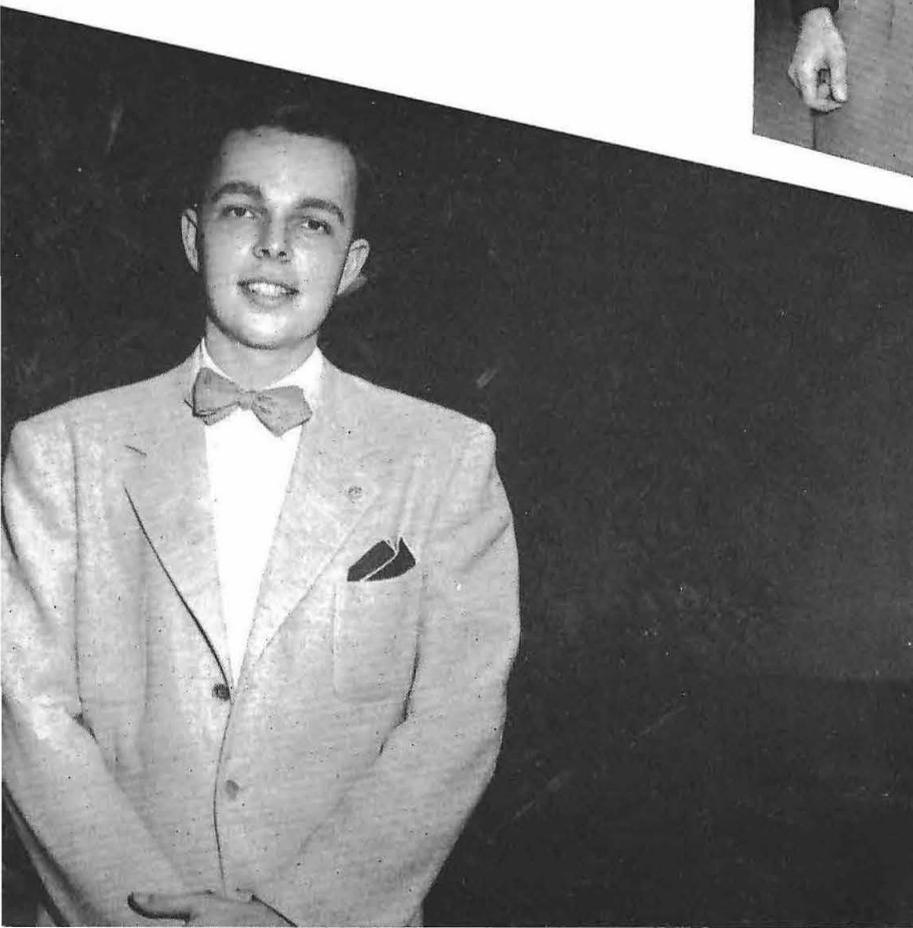
RALLY COMMISSION

BILL GARDNER, JOHN BILLINGS, ED GEHLE

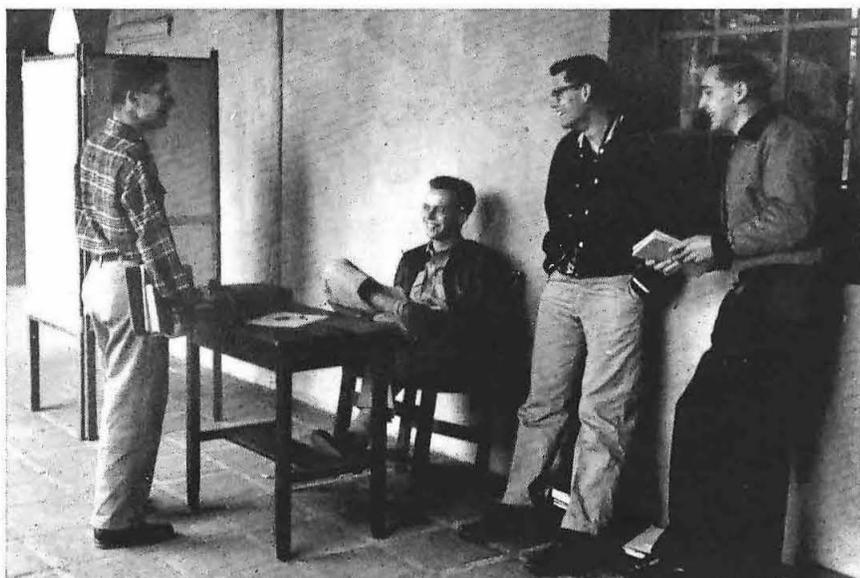


ASCIT PUBLICITY

JOHN BOPPART



INSTITUTERS



Standing: SCHROETER, BAINBRIDGE, CREIGHTON, CROCKER, GRISWOLD, STANTON, LEWIS, ADAMS, TUCKER, WALKER, SUNDT, JOHNSTON. Seated: SALKELD, WOOD, GARDNER (PRESIDENT), HAMBERGER.



HONOR KEYS



HONOR POINT COMMITTEE—WATKINS, CALLAGHAN, KITCHING

CHARLES BENJAMIN
GILBERT KITCHING
DONALD TAUTZ

MICHAEL CALLAGHAN
JAMES LATOURRETTE
LEON VICKMAN

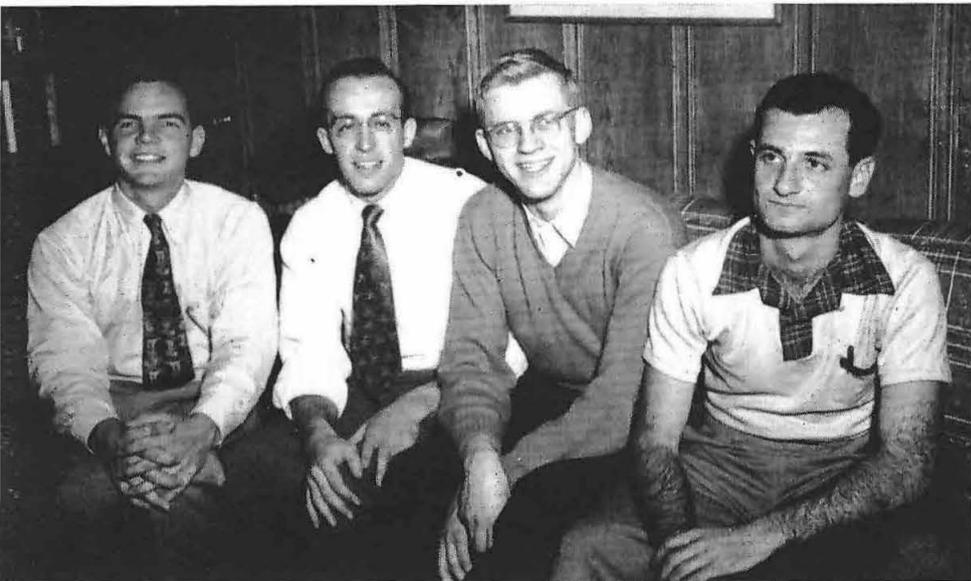
JOHN GEE
GEORGE MOORE
JESSE WEIL

DAVID HANNA
EDWIN SCHLINGER
JAMES WILSON

RICHARD KARASAWA
RONALD SHREVE



BEAVERS



BARNEY ENGHOLM (President), NORM GRAY, DON TAUTZ, CHUCK MILLER

Miller, Benjamin, Michaelsen, Billings, Eaton, Strong, Gee, Boppart, Dessler, Watkins, Varney,
Gray, Henderson, Kidder, Latourrette, Tautz, Stefanides, Engholm, Preston, Shreve, Paul





THE
00 Y'S 00
BEAVER



the caltech ymca





YMCA

Caltech's YMCA this year, again under the expert coordination of executive secretary Wes Hershey, had its usual share of activities and projects. President was Phil Orville, while Barney Engholm, last year's prexy, stayed with the group as VP. The jobs of Secretary and Treasurer were ably filled by Ken Lunan and Carl Larson, while Irwin Rubenstein did a heroic job as publicity manager and editor of the "Y's Beaver," and Mike Lourie represented Tech on the national level.

Activities sponsored by the Y included the ever-popular Frosh Tea Dance, a Sunday afternoon exchange for all new students early in the Fall term, the Y Retreat held at Stan Johnson's, a trip to the annual Y conference at Asilomar—at which 17 men represented the Caltech Y—and a long parade of forums, speakers, and informal discussion groups.

Dr. Roy Fairchild of Occidental College gave a series of three talks on sex, love, and marriage; Dr. Fairchild's popular series of lectures, sponsored every two years by the Y at Tech, are well-received by Techmen.

Another interesting group of forums highlighted Dr. Floyd Ross of USC, speaking on comparative religion.

In an effort to acquaint Techmen with each other and to promote bull sessions as the easiest method, the Y sponsored six activities of this nature: Frosh, Upperclass, Graduate, and Off-Campus Lunch Clubs, in which a group ate lunch with, and heard from, a volunteer speaker—some of the most interesting ones this year represented the views of the various political parties on successive weeks—and then asked questions of the speaker and talked with him.

The fifth "bull session" activity under the Y's aegis was the weekly succession of Firesides. These were doubly valuable in that they also allowed the undergrads participating to meet faculty members in a congenial, informal, off-the-record atmosphere . . . the faculty members' homes. Excellent Firesides were hosted by Drs. Pauling, Bohnenblust, Paul, Swift, and many others, all arranged by Kai Kristensen.

The last Y program which was aimed at letting Techmen shoot the breeze employed an excellent medium for this sport—the airwaves. The Wednesday evening Y radio forums, broadcasting for a quarter of an hour from Station KXLA, were put together by Bob Holbrook and Dick Jaffe. Such topics as the Loyalty Oath, McCarthyism, and Science and Philosophy were kicked around by four-man panels of Tech undergrads.

President Phil Orville, Carl Larson, Ken Lunan, Mike Lourie





CALIFORNIA
California Institute
 Pasadena, California. Thursday

Volume LIII

**Editorial Staff
 Is Shown Above**

Walt Hartung, Sports; Bill McCormick, Feature;
 Jim Wilson, Managing Editor; George Moore,
 Copy; Ron Ratney, News.

**Business Wheel
 Count Tech's M**

Dick White, Business Manager;
 Circulation. Phil Bates, second;
 not shown.

NO HOT RIVER
 THIS YEAR



THE TECH

Journal of Technology
February 21, 1952

Tech Staff Awaits Vala Annual Party

Chuck Benjamin,
Editor-in-Chief

TECH NEXT WEEK!

Money

George Johnston,
Business Manager

Big T Pix

Contributions for
Urged



Staff of the Tech



Burger, McCormick, Patraw, Wilson, Schroeter, Bailey, Moore
Benjamin, Hartung, Schweitzer, Barman, Ratney
Person, Workman, Whittaker, Gayron, Lewis

Film Classics
Announced

Old Tech Copies
Needed for Fil

THE BIG T

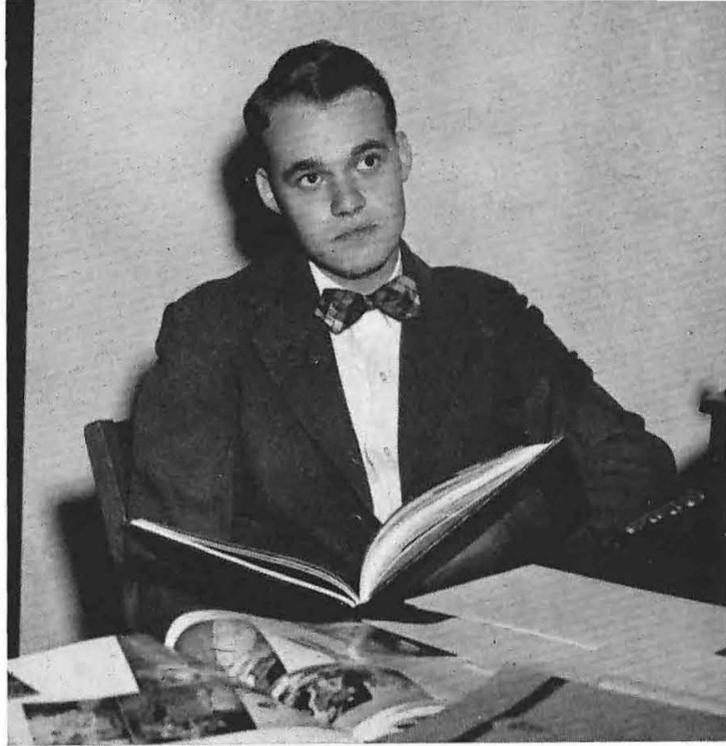


Left to Right: Benji Rosen, Larry Starr, George Moore, Jim Wilson, Jack Behnke, Bob Perpall



Co-Business Managers Marv Hyman and Dick Tracy





Budd LeTourneau, Editor-in-chief

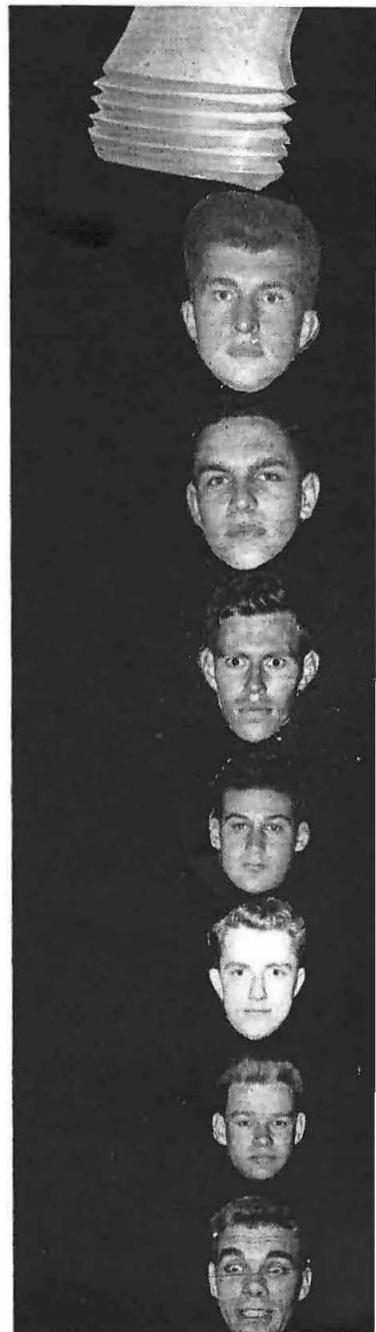


Photo Staff

Ed Bryan

Bob Mandl

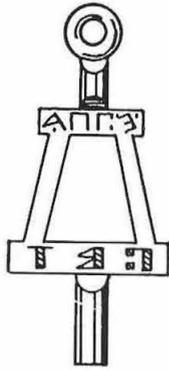
Don Stewart

Jerry Freeman

Mike Boughton

Will Richards

Tom Stockebrand



TAU BETA PI



PAUL AAGAARD
 BILL BARMORE
 JOHN BOPPART
 ELIOT BUTLER
 MANUEL CRESPO

MALCOLM DAVIS
 LEON EDELSON
 TEDDY EINWOHNER
 DICK FULLER
 NORM GRAY

ALAN HAIRE
 ROLF HASTRUP
 JAMES HELMUTH
 BRUNO HERSCOVICI
 BOYD ISRAELSEN

EARL JACOBS
 ALAN JOHNSTON
 BARCLAY KAMB
 MOSES LEVY
 CLINTON LEW

JOHN McCOOL
CHARLES MILLER
J. C. NOLL
ROBERT OLIVER
PHIL ORVILLE
RALPH PERRAULT



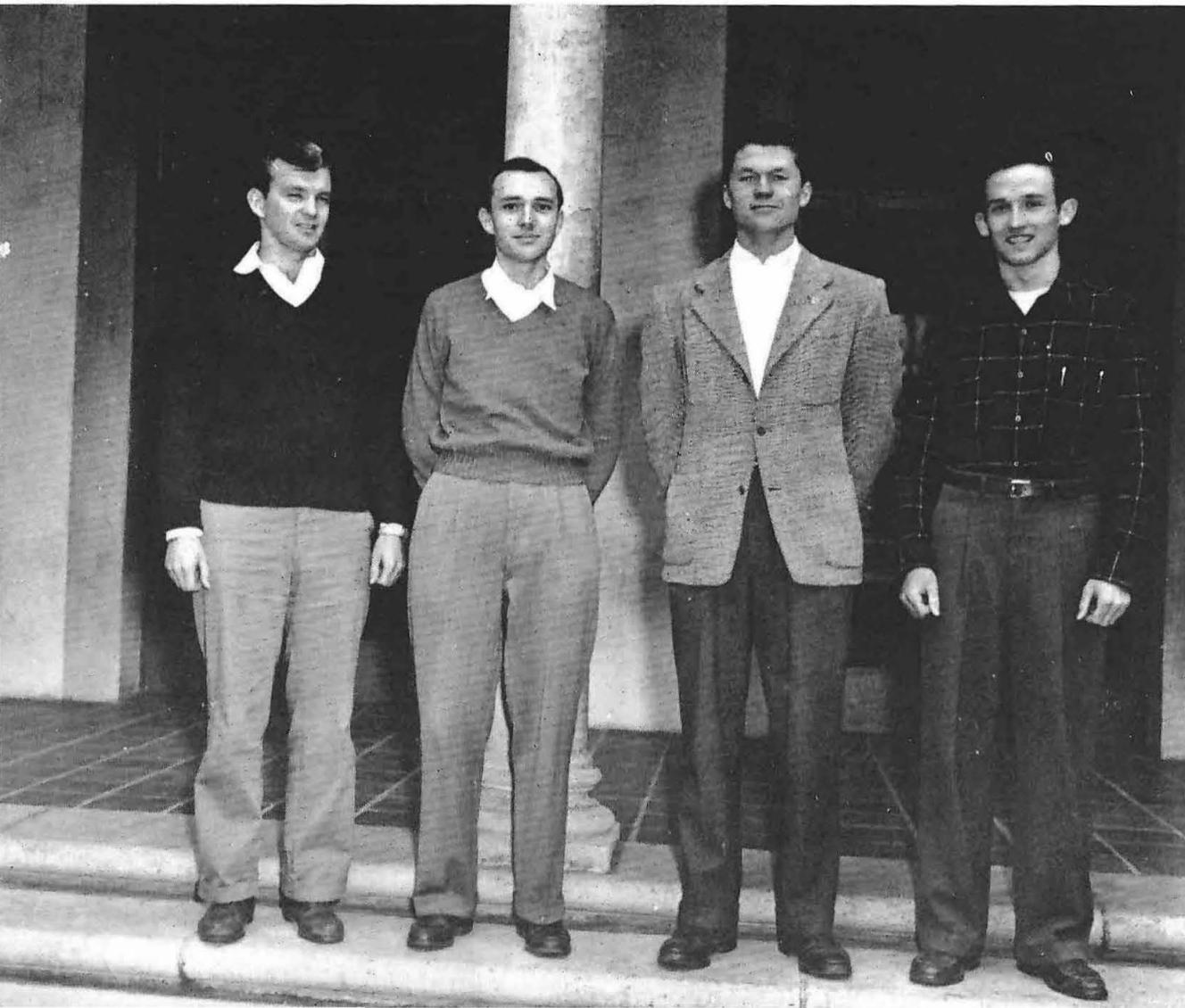
BILL PILKINGTON
HOWARD PRESTON
DENNY RIGGS
BILL RIHN
SHELDON RUBIN
TOM RUSSELL



RONALD SHREVE
HOWARD SHUGART
BERT SNIDER
AUGUSTO SOUX
ED STOFEL
PERRY VARTANIAN



PETER VERDIER
LEON VICKMAN
JESSE WEIL
KEITH WINSOR
ROBERT WOOD

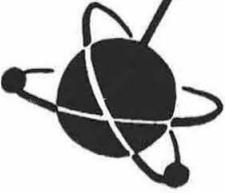


TBPI Officers:

Howard Preston
John McCool
Berclay Kamb
Bob Wood

pendulum

WICKMAN



WINTER 1952

Price 30 cents.



EDITORS: LEON VICKMAN, JIM WILSON, HOWARD METCALFE, ROY KEIR

FRANK LANG



LITTLE T

'52
at
'51

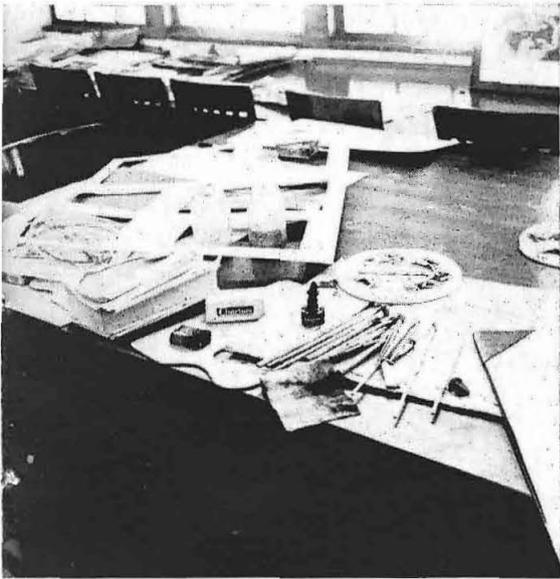


OFFICERS: BROWN, APPLEMAN, LINDLEY, NEWBURN

MUSICALE



ART CLASS





BAND





ORCHESTRA

WILLIAM KLINE, Director



DAN BROWN, President





Standing: STAN GRONER, DR. LESTER McCRERY, BILL LINDLEY, GERALD LIPPEY, MILES NESMAN, LEON SHAMESON. Seated: BILL HOSLER, DERK SWAIN, MARTIN, IRWIN RUBINSTEIN.

DEBATE

During the 1951-52 season, Caltech debaters established themselves among the leading contenders in the Southwest. At several tournaments, against rugged competition, Tech men copped first place wins. In none of the various meets did Tech men fail to place at least second or third in one or more events.

A total of 18 members of the student body took part in more than ten intercollegiate speech tournaments, ranging from UCLA to Stockton.

Following are some of the records made by Tech men:

1. Two medals for no losses in men's debate at the Los Angeles City College Practice Tournament. (Derk Swain and Miles Nesman)
2. First place in men's debate at Occidental College tournament, in which no distinctions were made between upper and lower division. (Swain and Nesman)
3. First winner of annual points award plaque at Occidental College tournament. (Swain and Nesman)
4. Winner, second place cup, men's lower division debate, Cal Tech annual championship debate tournament. (Swain and Nesman)
5. Awarded certificate of excellence in men's lower division Impromptu Speaking at Santa Barbara tournament. (Bill Lindley)
6. Finalists in men's debate, Western Speech Tournament, Fresno. (Irwin Rubenstein and Leon Shameson)
7. Semi-finals, Men's Impromptu, Western Speech Tournament, Fresno. (Derk Swain)
8. Winner, second place, Men's Impromptu, UCLA Speech Events. (Derk Swain)
9. Winner, second place, Men's Oratory, Pi Kappa Delta, Stockton. (Eugene Engels)
10. Winner, second place, After Dinner Speaking, Pi Kappa Delta, Stockton. (D. Swain)
11. Winner, third place sweepstakes, Pi Kappa Delta, Stockton. (Cal Tech entries)
12. Winner, certificate of "Excellence", Men's Discussion, Pacific Invitational. (Bill Lindley and Derk Swain)
13. Third place, men's Oratory, Pacific Invitational. (Eugene Engels)
14. Semi-finals, Extempore Speaking, Pacific Invitational. (Miles Nesman)
15. Finals, Impromptu Speaking, Pacific Invitational. (Bill Hosler)
16. Radio Debate with West Point. (Derk Swain and Miles Nesman)

DRAMA CLUB



President Peter Verdier and Director Warren Robinson show how it's done.

Via the Saturday Evening Post, Broadway, and Hollywood, Leo Brady's "Brother Orchid" came to the Caltech stage to earn itself more laurels. A smash success (we think) it starred Pete Verdier as Little John Sarto, the gangster converted to a monastic life as Brother Orchid by Pete Pauling as Abbott Jonquil, Mike Bader as Brother Hollyhock, Ed Gehle as Brother Nasturtium, and Marty Bainbridge as Brother Geranium.

The gang he tried to leave behind him included Jack Rochio as The Gimp, Jack Behnke as Freckles, Ed Gauss as Dutchy, Ron Ratney as Solomon, Bernie Schweitzer as Dum-Dum, and Gus Soux as Battista. Director was Warren Robinson of the Pasadena Playhouse, who did an admirable job of whipping the play together.



Rehearsal: Onstage

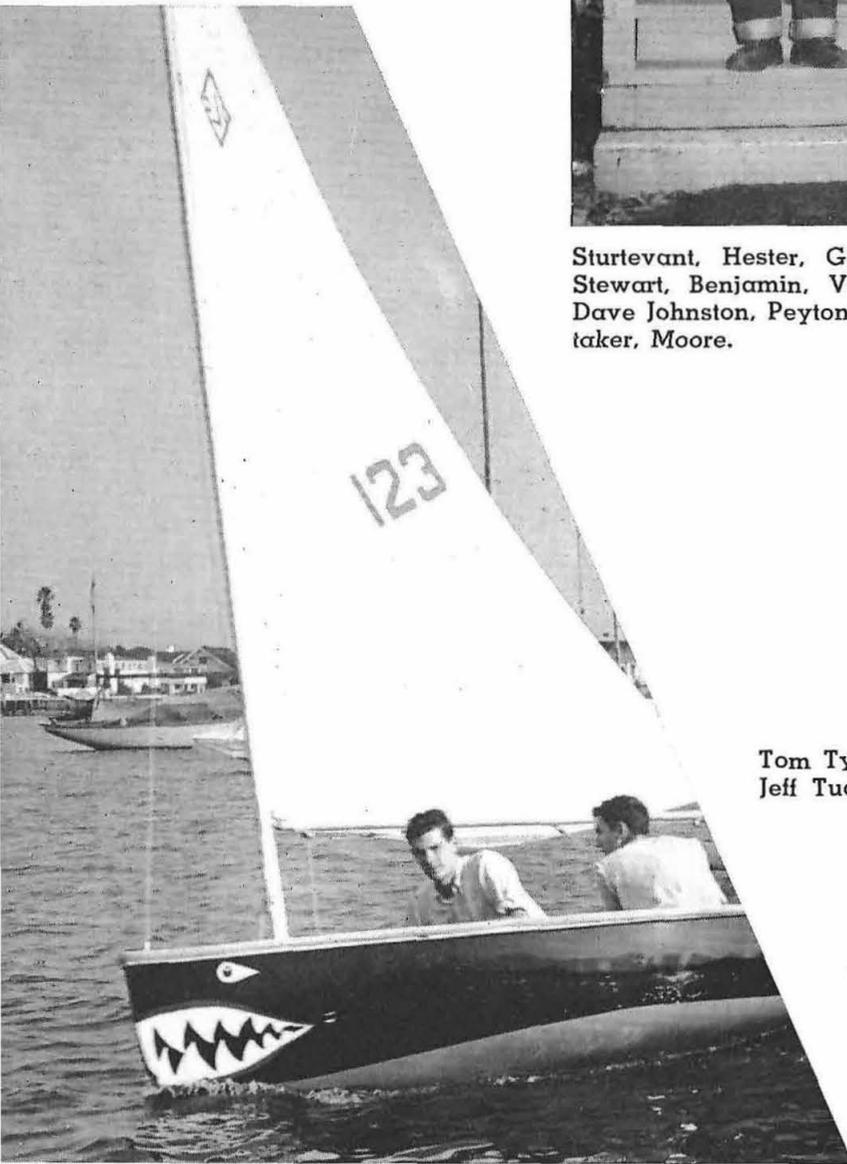
Rehearsal: Offstage



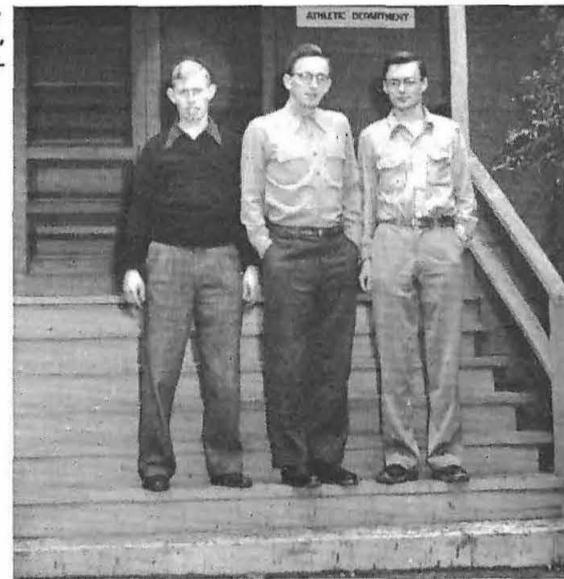
SAILING CLUB



Sturtevant, Hester, George Johnston, Tyson, Stewart, Benjamin, Vidal, Ogden, Birkeland, Dave Johnston, Peyton, Wyman, Lynam, Whitaker, Moore.



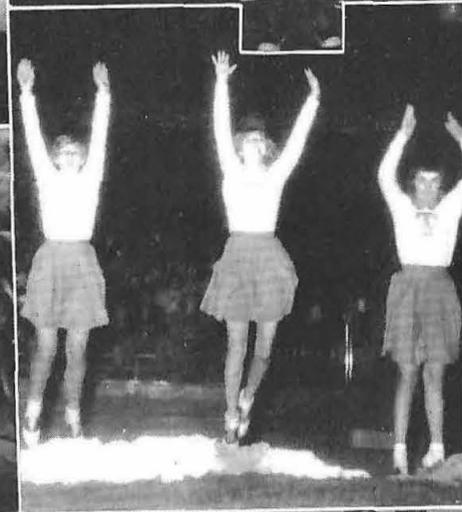
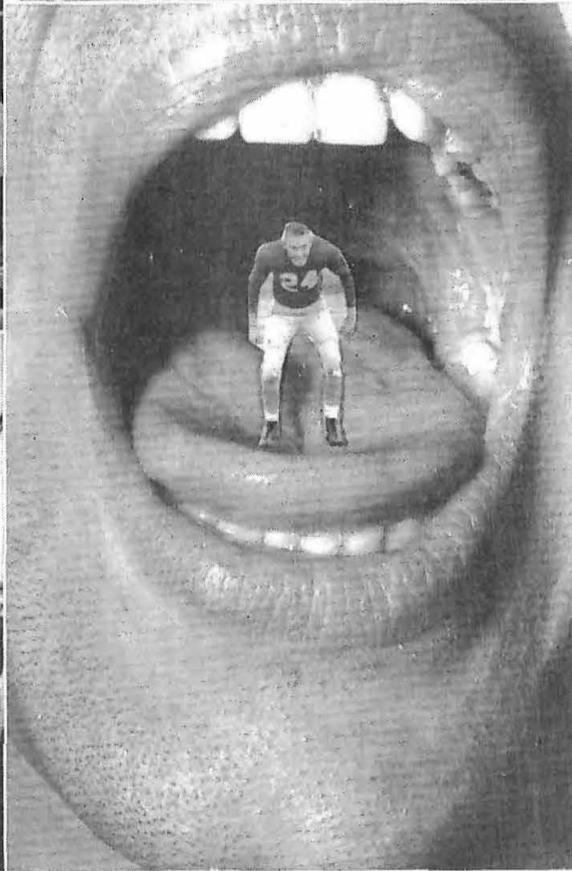
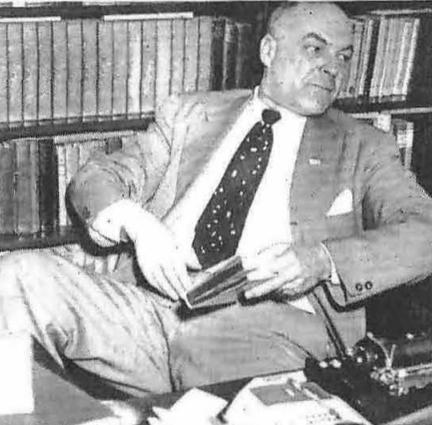
Tom Tyson,
Jeff Tucker



Vice Commodore Don Stewart,
Commodore Jim Wyman, Secretary Phil Birkeland.

John Peyton,
Frank Hester,
Jess Weil







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***ASCIT
DANCES***



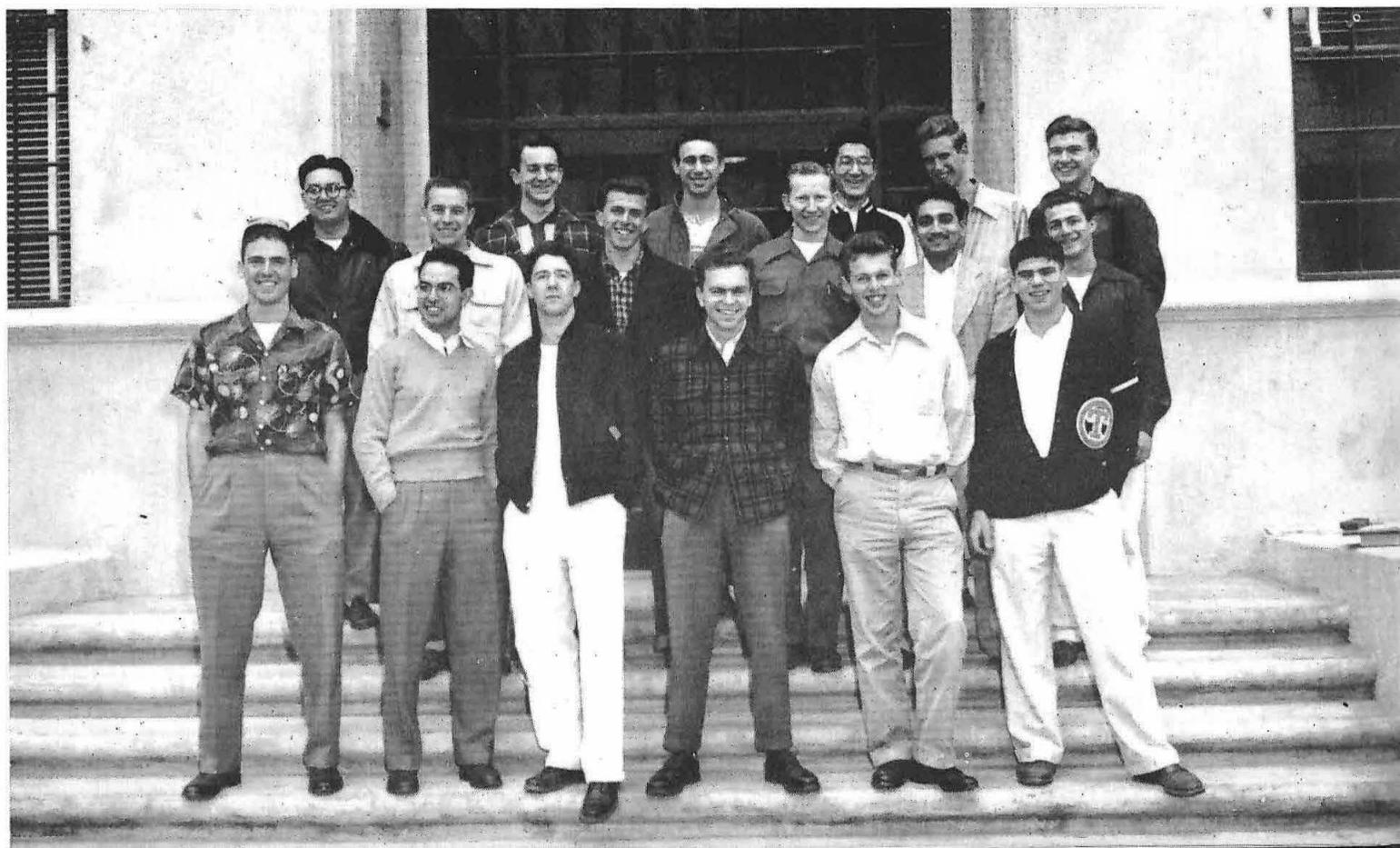


Left to Right: BOB GILLINGHAM, ERNIE WEBER, AL BURTON, RON HELIN, AL GOLDMAN, ALEX DIXON, ED STOFEL, WALT HARTUNG, MELL CASSIDY, JOHN DRESSER, ROLF HASTRUP, DUD WAGNER (CHAIRMAN), PAUL FARLEY, HENRY CLUTZ, BOB SPENCER, J. C. NOLL, PAUL AAGAARD, JACK McEWING, JOHN BOPPART, DON TAUTZ.

SAE

ASCE

Back Row: EDGAR WONG, GEORGE COOKE, BILL GARDNER, GEORGE COOK, HAL WOODY, BUZZ GAINES, BABE KARASAWA, WAHEED GHOURI, PAUL LANGDON, JACK WALKER, FRANK DRYDEN. Front Row: MORGAN OGILVIE, GUS SOUX, LYLE HOAG, JOHN McCOURT, SAM MIDDLEBROOK (PRESIDENT), PHIL BATES.





Back Row: BOB OLIVER, ED SCHLINGER, DICK CANTR ELL, BUDD LeTOURNEAU, TOM RUSSELL (CHAIRMAN).
Second Row: PAUL AAGAARD, GENE JORDAN, BOB GILLINGHAM, BOB SPENCER, JIM LAFLEUR, BILL RIHN,
STAN GRONER. Front Row: SHELDON RUBIN, KYLE CATTERLIN, DON TAUTZ, BERT SNIDER, BOB STANAWAY,
DICK WELSH, BILL BARMORE.

ASME





Back Row: BILL WEBBER, WALT THORSEN, MARV HYMAN, ELIOT BUTLER, STAN RAWN, RODGER BAIER, WILLARD RICHARDS. Front Row: MANUEL CRESPO, HENRY RICHTER (PRESIDENT), BOB DEVERILL, GLEN CRABBS.

ACS

IRE

Back Row: RICHARD BRIDGES, RICHARD KENNON, BILL WISE, BOB GRAFF, LEE CUFF, PERRY VARTANIAN. Front Row: BOB PHILLIPS, MARTEN SANDELL, HAROLD JACKSON (PRESIDENT).





Left to Right: LAGERQUIST, VERDIER, DEXTER, GARDNER, HENRIKSON, PIERCE, CROSBY, DRYDEN, RUBIN-STEIN, GEHRELS, BUTLER, ROSS, GAUSS, RICHTER.

STUDENT SHOP

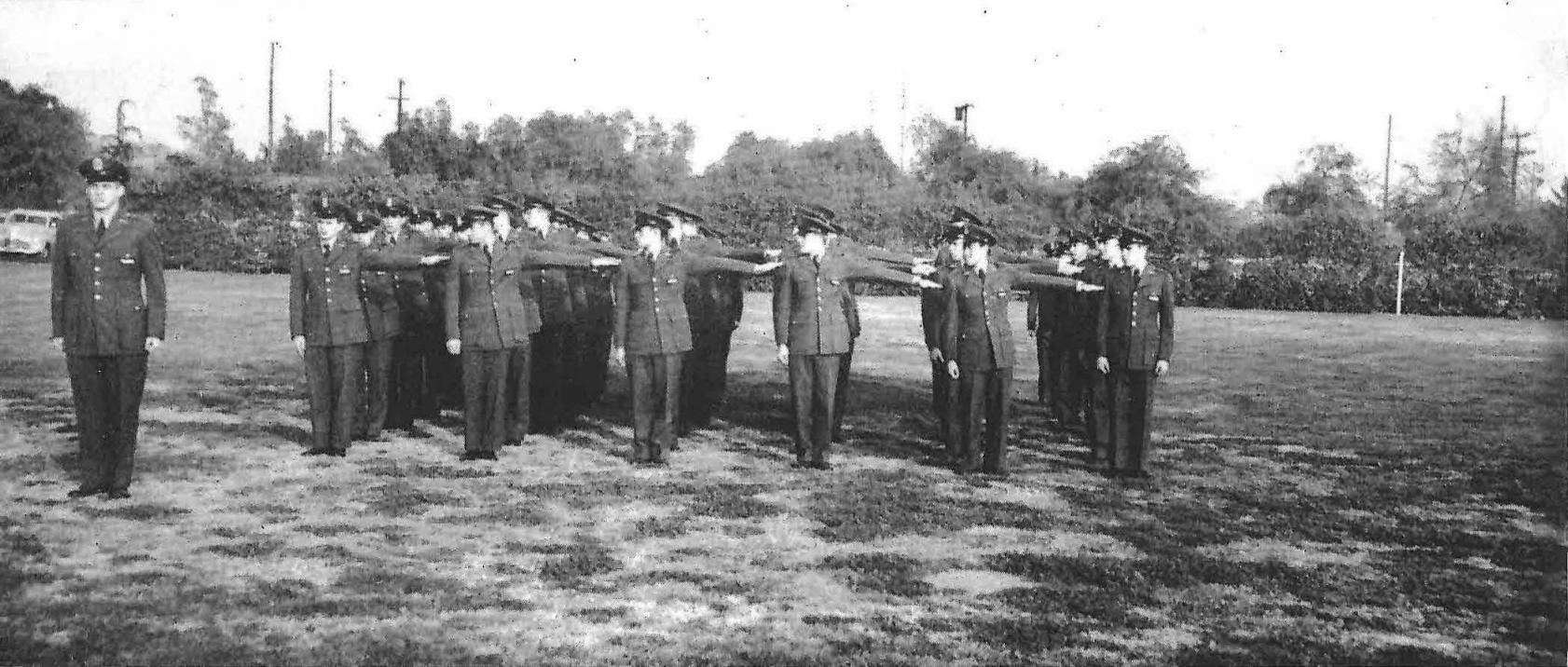


OFFICERS: Gardner, Henrikson, Richter, Ross, Gauss

Top Row: HOWARD SHUGART, ERNEST GEHRELS.
Second Row: ART MILLER, GARY GAYRON, BOB TAMBLING.
Front Row: PHIL MILLER, BOB SMITH (President).

RADIO CLUB





Dress Right



At Rest



Inspection

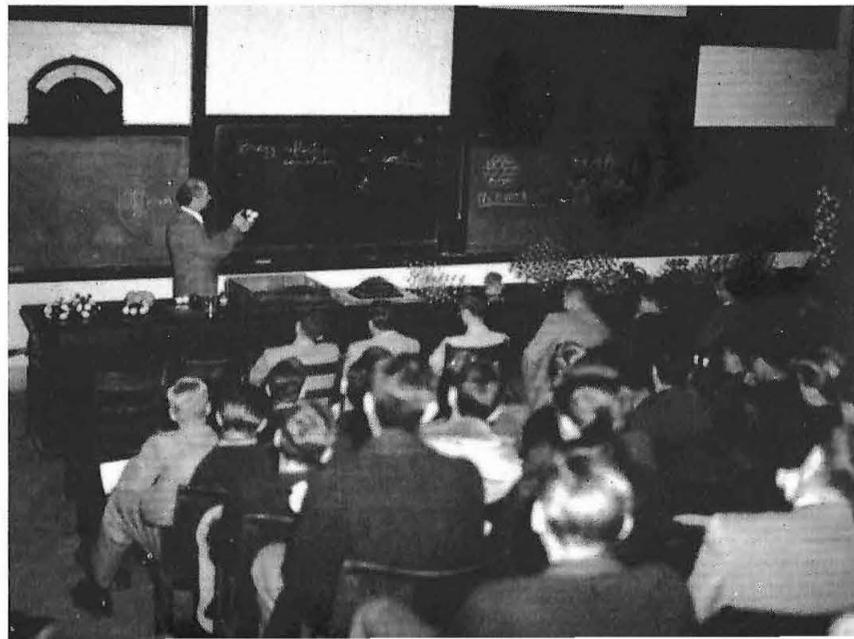


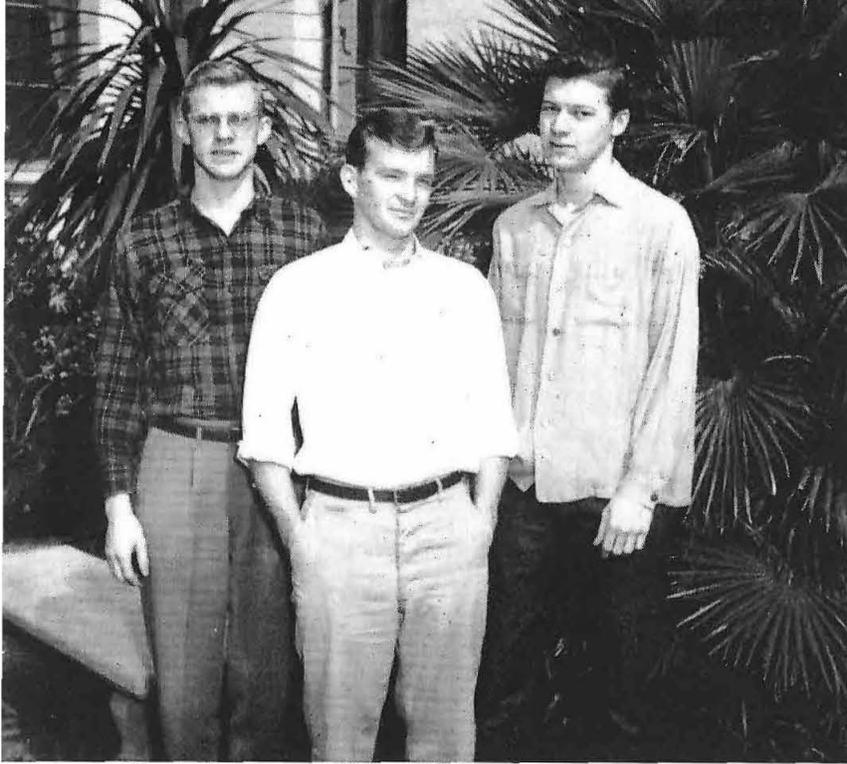
The Old Man

AFROTC

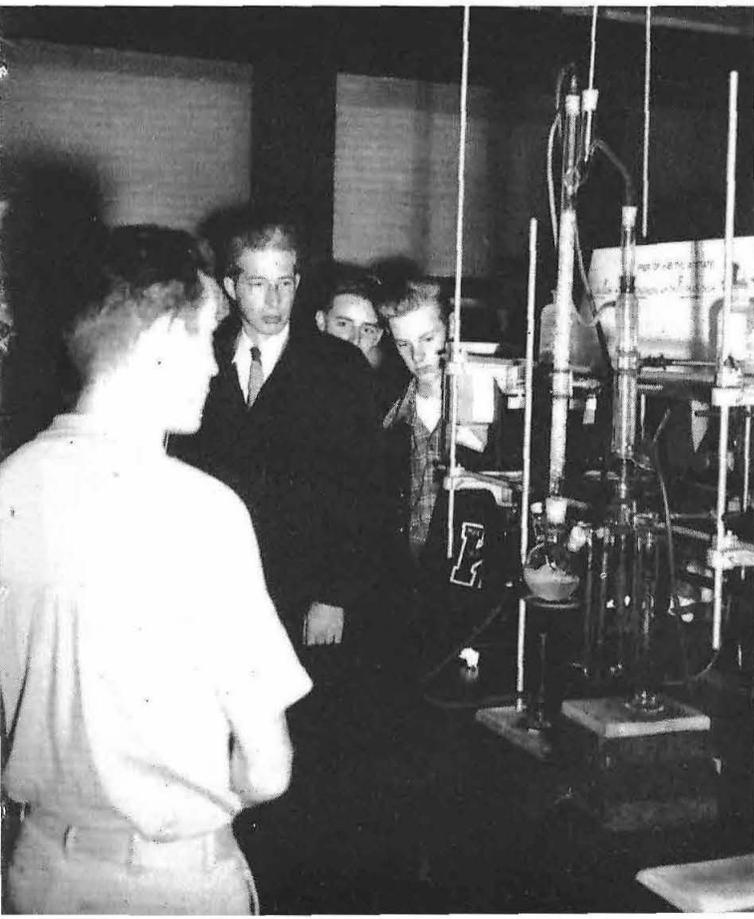
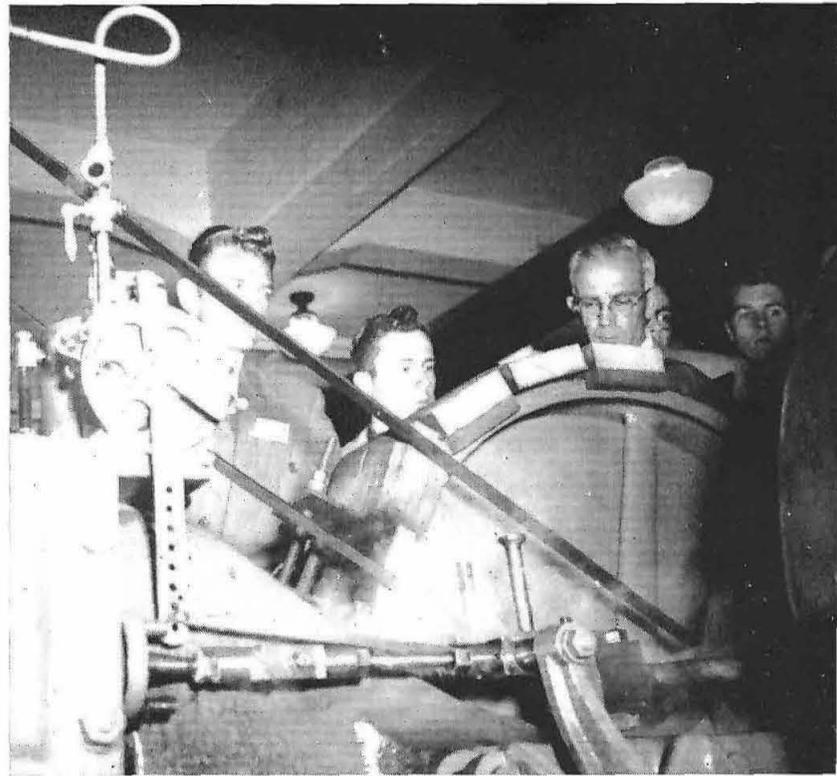
Company A







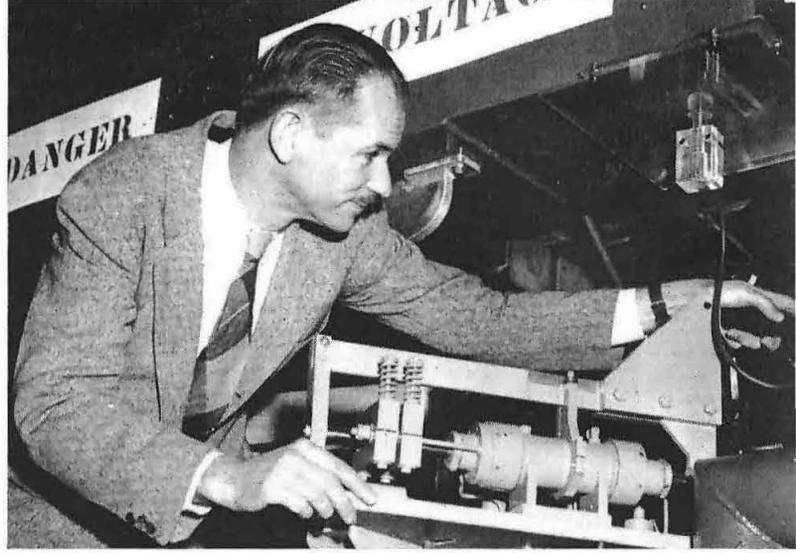
DON TAUTZ, HOWARD PRESTON (Student
Chairman), JACK BEHNKE



STUDENT'S DAY



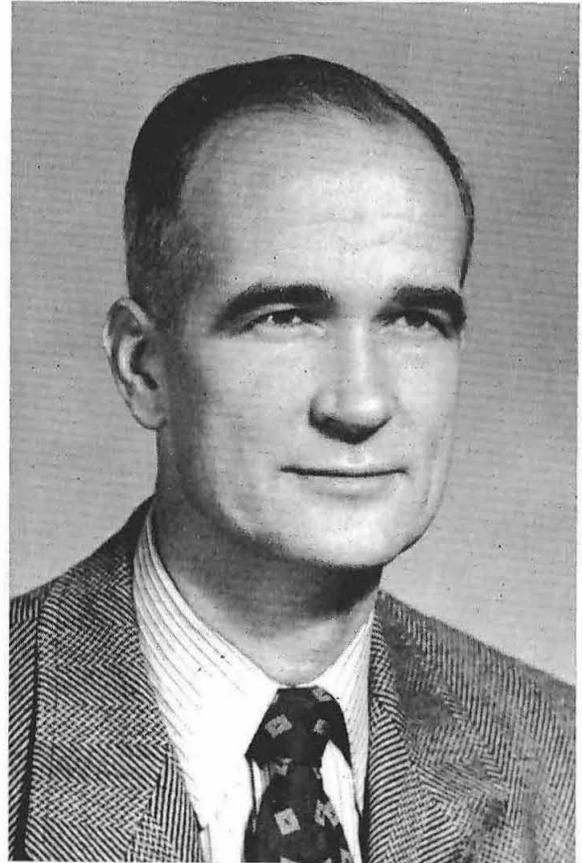
EDWIN M. McMILLAN. B.S., 1928, Ph. D., 1932, in Physics; Professor of Physics, University of California, Berkeley. Teaching and research in California's Radiation Laboratory. Nobel Laureate, 1951.



HOWARD G. VESPER (left), B.S., 1922, in Chemical Engineering; President California Research Corporation, San Francisco. Directs research and development for Standard Oil Company of California and corporate affiliates.



WILLIAM SHOCKLEY. B.S., 1932, in Physics; Research Physicist, Bell Telephone Laboratories, New Jersey. Supervisor of Transistor Physics Group, theoretical analysis, invention, and technical supervision.



JAMES BOYD (left). B.S., 1927, in Economics; Exploration Manager for Kennecott Copper Corporation, New York. Supervision of geologists and geophysicists in selection and development of mineral resources throughout the world.



THOMAS S. HARPER (right). B.S., 1937, in Applied Physics; Director of Westchester County Mental Hygiene Clinic, Yonkers, New York; M.D. and Psychiatrist, consultation, practice and advanced study.



JOHN F. PEARNE (left). B.S., 1934, in Mechanical Engineering; Patent Lawyer, Cleveland. Combines technical and legal training in securing and exploiting patents for individuals and corporations.

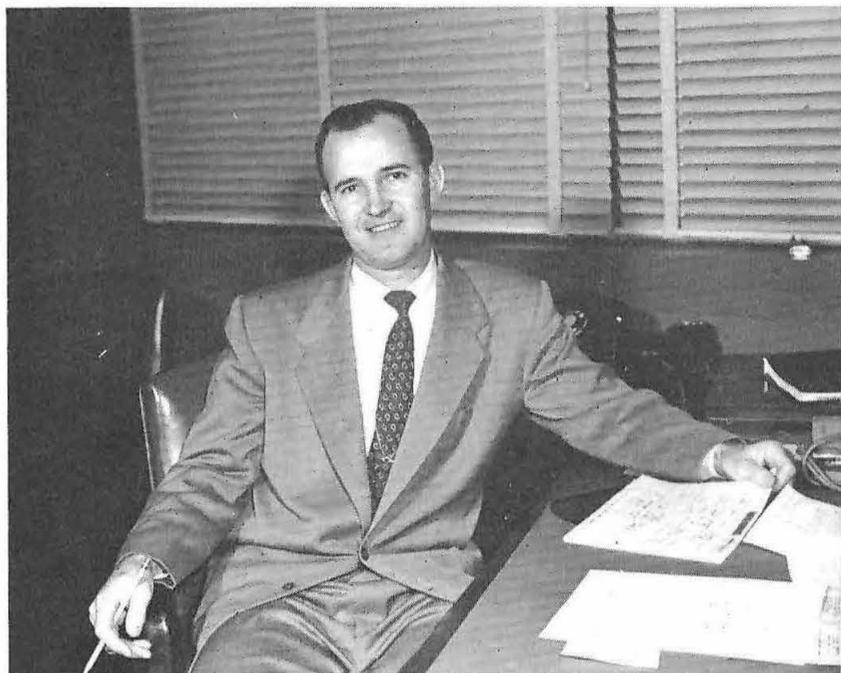
CALTECH ALUMNI ASSOCIATION

WHAT'S YOUR FUTURE?

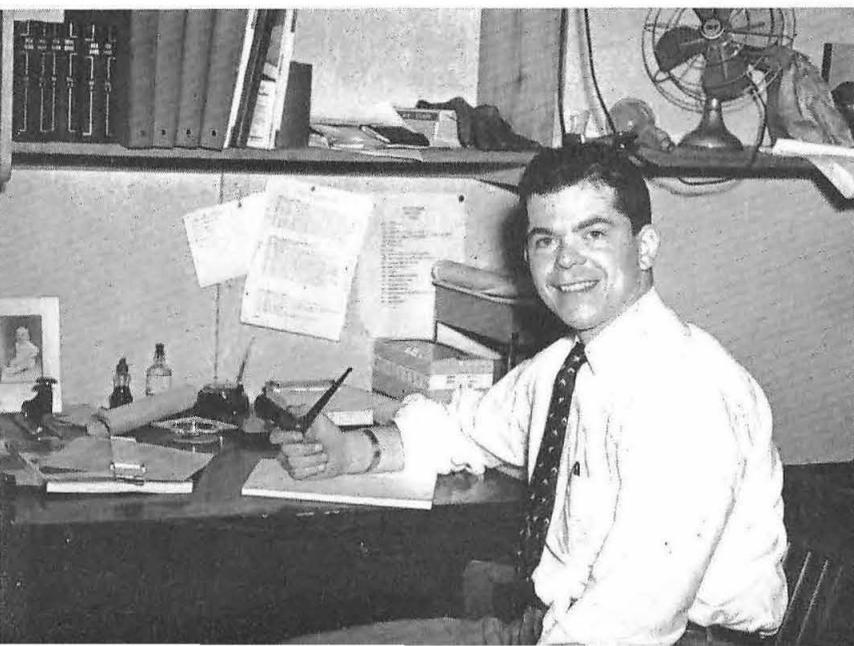
Your Alumni Association has neither a crystal ball nor super-natural clairvoyant powers, but it does have a means of indicating where you may be and what you may be doing 4, 8, 15, 25 or 30 years from now. This means is provided by the Institute's principal product, Alumni, ten of whom are pictured on these pages with brief biographical sketches. Here is your future:



FRANK B. JEWETT, JR. B.S., 1938, Mechanical Engineering; General Mills, Inc., Minneapolis. Director of Development and Business Administration of Research Department, and Director Aeronautical Research Laboratories.



RUBEN F. METTLER. B.S., 1947, Ph.D., 1949, in Electrical Engineering; Hughes' Aircraft Company, Culver City. Associate Head of Systems Department in Radar Laboratories, engaged in systems design and technical administration pertaining to electronic research and development.



PAUL J. HOWARD. B.S., 1948, Mechanical Engineering; Proctor and Gamble, Long Beach. Production Supervisor for Finished Soap Division, producing household and industrial soaps for West Coast.

LANGDON C. HEDRICK, B.S., 1947, Electrical Engineering; Baird Associates, Cambridge, Mass., Chief Electronics Engineer and Administrative Assistant to Director of Research. Spectrographic and electronic instruments.



Look down to lands beyond.





Houses



INTERHOUSE COMMITTEE

MARGARET APPEGATE, SUE HUCK, GLEN GREEN, NED HALE, HELEN HASLETTE

This is as hard as the IHC ever works. Clockwise: Alex Dessler, Marv Hyman, Don Tautz, Ed Schlinger, Al Haber, Gil Kitching, Dr. Tanham, Stan Groner, Chuck Miller, Dick Fuller, Ron Shreve, Bill Kemmel.





Norm Bulman, Bill Warters, George Tanham, Carel Otte, Dave Mason

RESIDENT ASSOCIATES



BLACKER

Blacker Officers: President Don Tautz,
Stan Groner, Frank Dryden, Earl
Jacobs, Gus Soux.



The year in Blacker began under the usual humid conditions, the Freshmen hurling themselves and great quantities of water against the Ricketts rabble. Soon, however, things quieted down, with one notable exception. Upper Frosh Alley, soon renamed Upper Hell, usually resembled a combination of the Haymarket Riot and Niagara Falls. The aqueous attitude of the upper part of the alley was not shared by the lower portion, soon renamed Lower Heaven, into which Upper Hell drained.

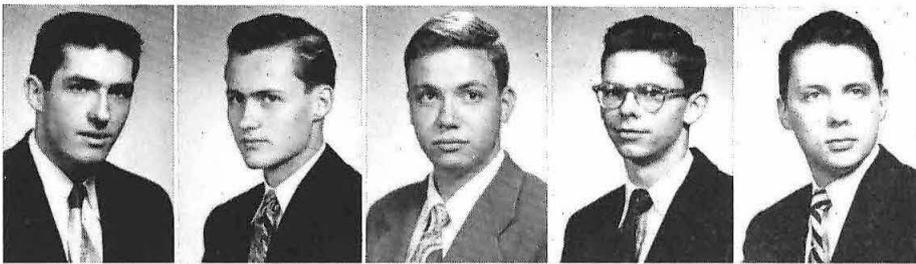
Very soon came the Interhouse Dance, with the House members going all out as usual. An English Castle theme was put forth, complete with flaming torches, suits of armor, a wishing well, a moat and drawbridge, and, just for the novelty of the idea, a band and dance floor. Unfortunately, the moat proved to be anything but watertight, and, as the evening trickled away, so did the moat.



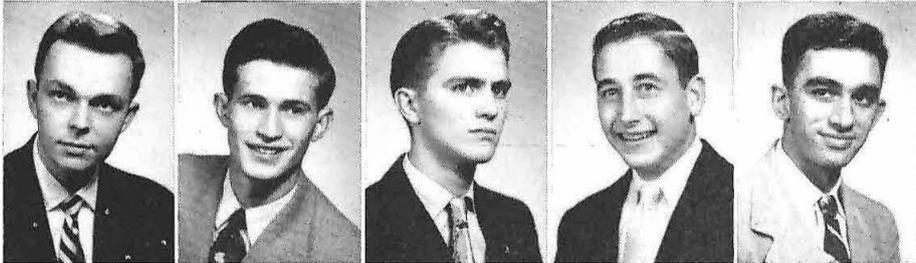
Peace on Thee

To the Court of King Arthur

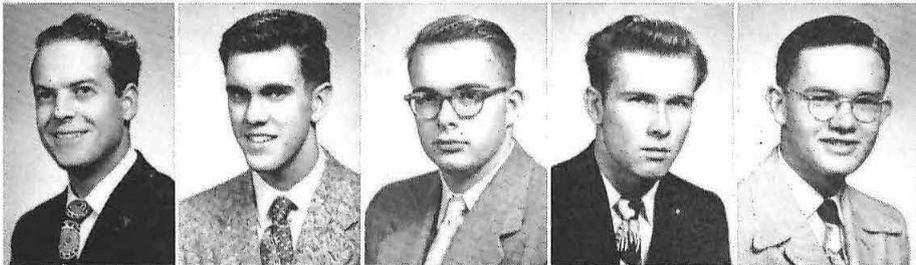




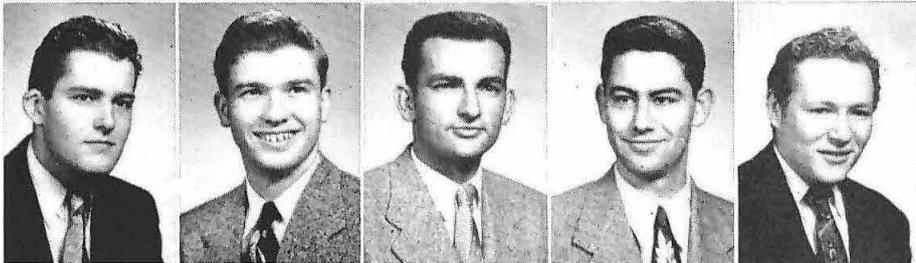
LYNN ABBOTT
 JOHN AMES
 DAN APPLEMAN
 BILL BENSEMA
 BARNEY BETZ



JOHN BOPPART
 ANDY BOUSH
 AL BRADY
 SHERMAN BUTLER
 OTTO CARDINALE



KYLE CATTERLIN
 DAVE CLARK
 JOHN CONVERSE
 TOM COOPER
 JIM CROSBY

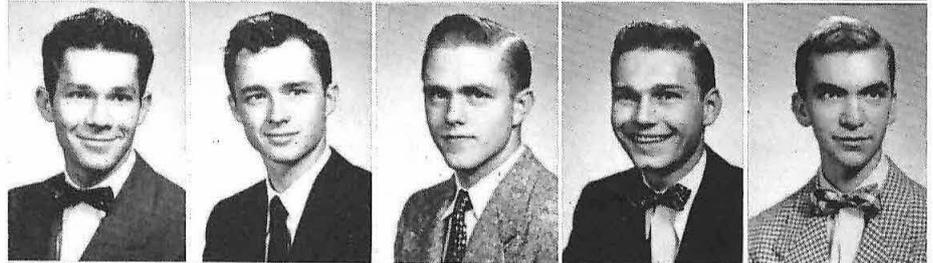


RON DEXTER
 FRANK DRYDEN
 LES EARNEST
 LEON EDELSON
 TEDDY EINWOHNER

GARY GAYRON
 ERNST GEHRELS
 JOHN GOETTEN
 STAN GRONER
 STAN GROTCHE



PAUL HARRISON
 ROLF HASTRUP
 AL HELGESSON
 DON HOOK
 BILL HOSLER

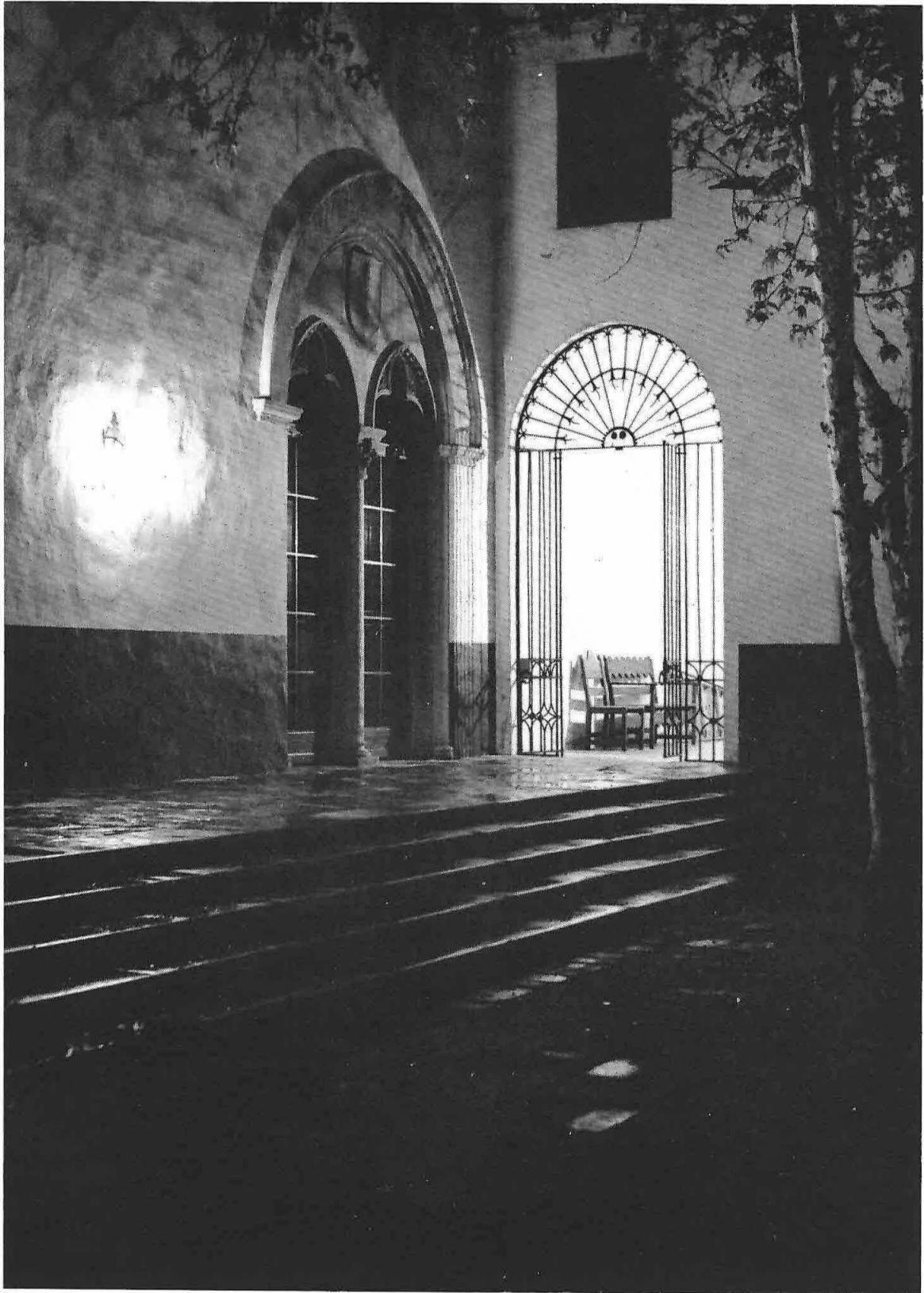


JOHN HOWELL
 EARL JACOBS
 CURT JOHNSON
 ALAN JOHNSTON
 FRANK JOYCE

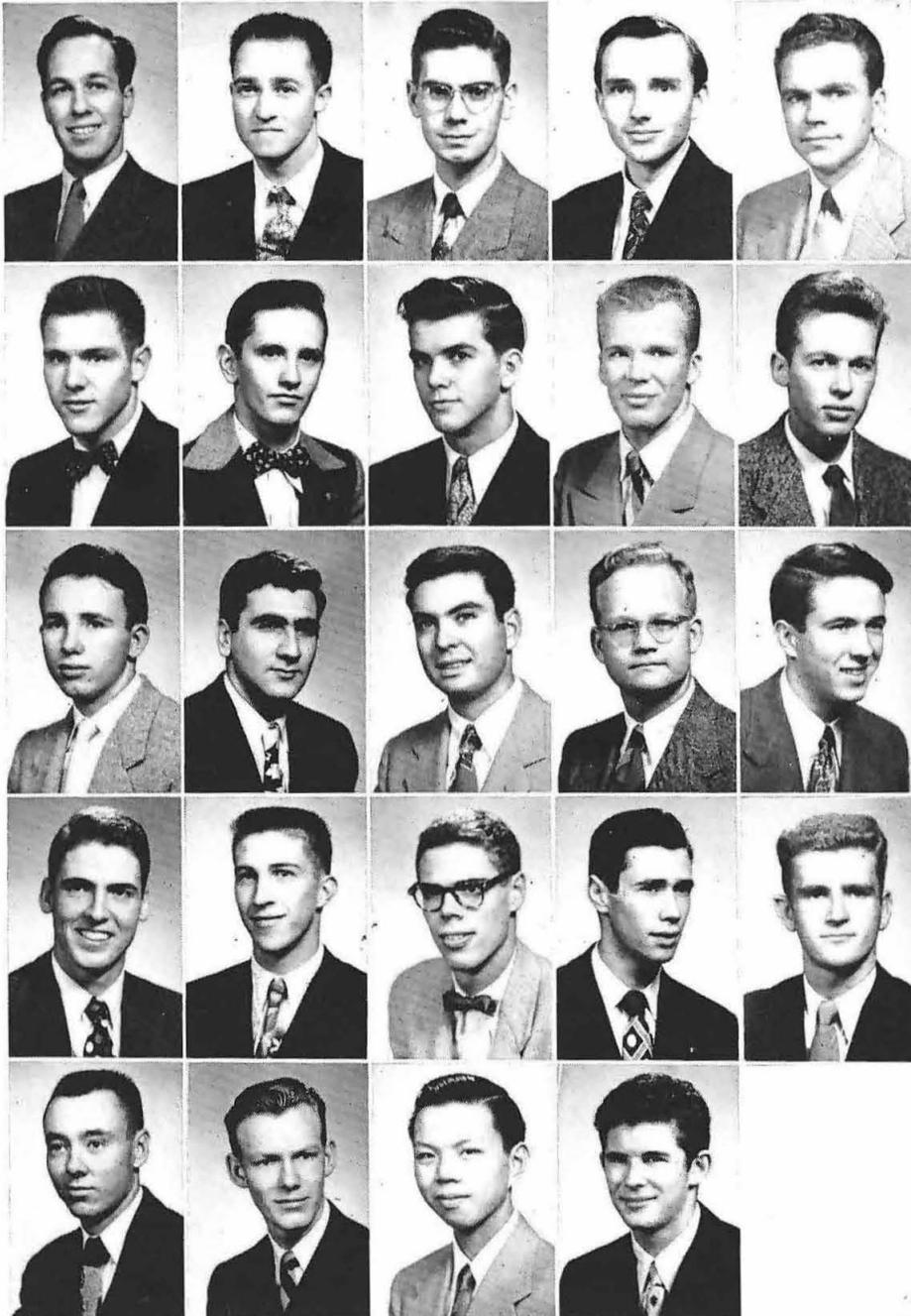


BOB KASOLD
 CARL KLEIN
 BOB KOSTER
 DALE KRAUSE
 PAUL LANGDON





BLACKER



BOB LAWRENCE
WALT LEE
KEN LUNAN
JOHN McCOOL
JOHN McCOURT

CHARLES McKINNON
HOWARD METCALFE
CURT MICHEL
DICK MICHIE
SAM MIDDLEBROOK

RALPH MILES
AL MISHAAN
JERRY MITCHELL
RAY NEWBURN
AL NICHOLS

MORGAN OGILVIE
MARK OLLIS
PHIL ORVILLE
BOB PARNES
JOHN PEYTON

BILL PILKINGTON
CHARLES PRIMBS
EDDIE QUO
IRWIN RUBINSTEIN

Through the year, Don Tautz, as House President, tactfully handled an infinite variety of impossible situations such as the one in Upper Hell Alley. Don became the second consecutive Blacker President to serve as Chairman of the Interhouse Committee. Vice President Groner carried on the Associates program in his charming manner. He frequently demonstrated his ability to convert a fifteen second dinner announcement to a fifteen minute spiel. Stan also told jokes—"I lost my motorcycle in here two weeks ago."

The Social Program was exceptionally well run, at first by Earl Jacobs, and later by his roommate partner-in-crime Stan Wilkes. It was interesting to note that Jacobs, after only one term as Social Chairman and therefore up to his neck in the House's money, just happened to buy himself a new car!

Bolivian miser Soux controlled the House treasury so well that not only did he prevent the appearance of red ink in the House ledger, but realized a two hundred dollar profit for the year. Certain individuals claim that it was less effort merely to pay the bill themselves rather than to attempt to squeeze the cash out of Soux.

Secretary Frank Dryden pleasantly deciphered the unintelligible motions made at House meetings, and Dick Smith served time as Librarian.

Blacker Interhouse teams started out at the top, under the competent management of Sam Middlebrook. At last reckoning, however, they were fighting gamely in the middle of the pack. Starting in the second term, Blacker teams so successfully defended the Discobolis Challenge Trophy that it took on the appearance of a Blacker Lounge fixture. Participation of Blacker men on intercollegiate teams was widespread, with two men, Les Earnest and Morgan Oligvie, being named on All-Conference teams.

House morals were successfully kept at a low level by Pope Earnest and his assistant, K. of C. Bart Stryker. Unfortunately, a schism developed between these leaders and the College of Cardinals, resulting in the excommunication of the latter in a body. The latter group operated underground for a time under the leadership of "Castor Earl" Jacobs, but differences were overcome, and a return to immorality resulted. The consternation of the Pope was indescribable as he looked over the results of the latest purity test; the average purity score of the House had dropped only one-tenth of a percent in five months as a result of this internal strife.

Near the end of the second term, the House elected Morgan Ogilvie as its new President, Frank Joyce as Vice President, Perry Vartanian as Treasurer, and Art Helgesson as Secretary. Les Earnest was again chosen as Pope, to be assisted by K. of C. Bud Powell. Bob Koster and Van Walkley were awarded the posts of Co-Social Chairmen, and that of Librarian went to Bill Bensema. Gus Soux was rewarded for his splendid job as Treasurer by being named H. H. A.

In the field of external politics, Blacker men fared well. Ralph Miles carried off the post as ASCIT Second Representative, Frank Dryden became YMCA President, and Stan Groner served as Senior Class President.



Blacker Tea

BLACKER

BOB SALKELD
CARL SAUER
LEON SHAMESON
SAM SIMS
BOB SMITH



DICK SMITH
GUS SOUX
BART STRYKER
BOB TAMBLING
DON TAUTZ



DAVE TWINING
PERRY VARTANIAN
VAN WALKLEY
BILL WEBBER
STAN WILKES





Dabney officers: Standing, Ed Bryan, Ken King, Tom Stockebrand, Doug Alverson, Bert Snider, Leon Michaelson; Seated, Dick Dickinson, Bill Kemmel, President Ron Shreve.

DABNEY

On September 10, 1951, Dabney's mighty elephant rose slowly, wobbled unsteadily for a few seconds, and then abruptly raised his schnoz to trumpet another call to the boys in green corduroy. The boys needed no second call . . . Dabney was off to a new madcap season.

Big news of the first term was Dabney's fantastic Interhouse Dance, directed by Tom Stockebrand. Avoiding the mundane frequencies of ordinary light, Dabney turned to the more spectacular short wavelengths of the ultraviolet. Two monstrous waterfalls and a huge fountain spewed out fluorescent foam, while the eerie ultraviolet pervaded the nooks and crannies of Dabney Lounge. Monstrous, evanescent dragonflies and hundreds of mysterious eyes dimly glowed under ultraviolet stimulus in the thick forest enfolding the lounge. Myriad streams of shimmering, effervescent punch trickled down a mountainous crag appropriately located in the Dabney dining room. The half-blind enthusiasts who left at the close of the extravaganza were unanimous in their praise of this best of all possible Interhouses.

A relatively new idea that enjoyed considerable success on the Dabney social program was the "Pahty Pahty." Imported by Jaffe, and patterned after some of the more sophisticated Ivy League cocktail parties, the "Pahty Pahty" blossomed into one of Dabney's most popular social events.

The Christmas season arrived accompanied by festive spirits and hungry cats. The latter seemed to consider Dabney their home away from home ever since Mandl showed true Caltech hospitality to a cute little grey mongrel by providing it with some of the world famous Dabney cuisine and allowing it to share his abode for the evening. Word promptly got around the more prominent feline cliques and Dabney House enjoyed the company of innumerable members of their society for the next few weeks.



Snake Trophy

Target Practice



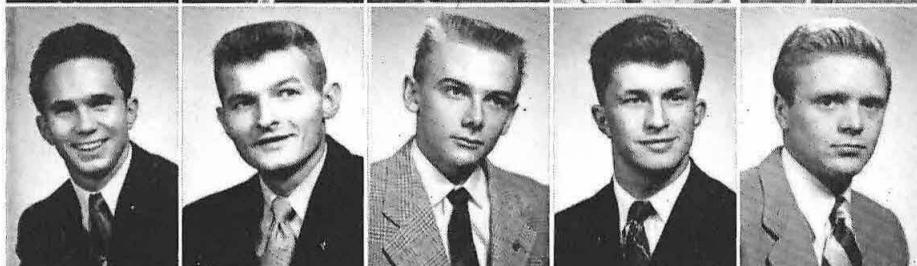
Intrahouse Trophy



After hostilities ceased between Dabney's Illinois residents and its numerous Stanford fans, the second term roared off to a flying start initiated by a Scripps exchange and an increasing awareness that this was Dabney's year to cop the Interhouse Trophy. The Scripps exchange helped to pace the social program, but Dabney's athletic prowess, inspired by Co-Athletic Managers Michaelson and Snider, and invigorated by some of the outstanding Frosh who gave new vitality to the ever-capable upperclassmen, was beginning to pay dividends in an increasing number of victories over other Houses. At this moment the Dabneyites are only nine points out of first place and give all indications of finishing up the season as Caltech champs.



DOUG ALVERSON
MIKE BADER
GEORGE BAKER
BILL BARMORE
DON BARNES



MYRL BECK
JOHN BILLINGS
CHARLES BROKAW
ED BRYAN
JOHN BRYANT



FRANK CAPRA
SIG CHAMER
DAVE CLARK
PAUL CONCUS
MANUEL CRESPO

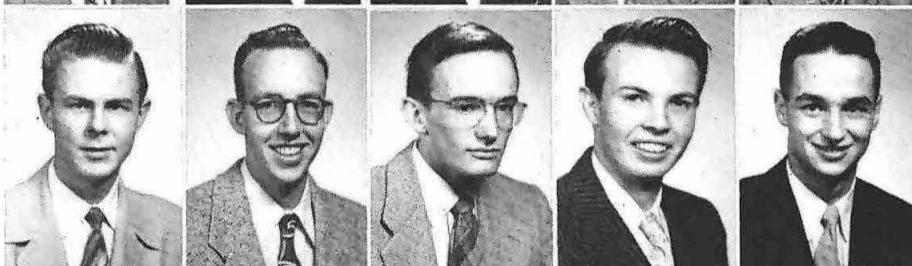


BOB DAVIS
LORAL DECKER
DICK DICKINSON
LEWIS ELLMORE
JERRY FREEMAN

BOB GILLINGHAM
JAY GLASEL
REINALDO GUTIERREZ
DICK HAM
TOM HAMILTON



BOB HANVEY
BOB HOLBROOK
JOHN HOWELL
NEAL HUNTLEY
DICK JAFFE



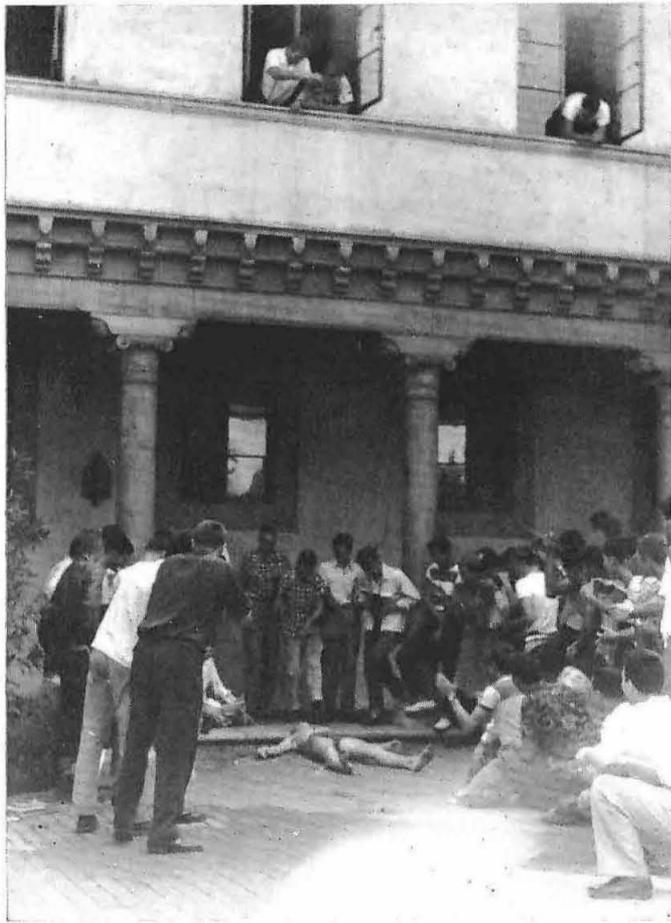
HARVEY JOHNSON
TCNY KALLAS
BILL KEMMEL
DAVE KING
KEN KING



BOB LAFF
JIM LAFLEUR
STEVE LAIFMAN
JIM LATOURRETTE
DAVE LEE



DABNEY



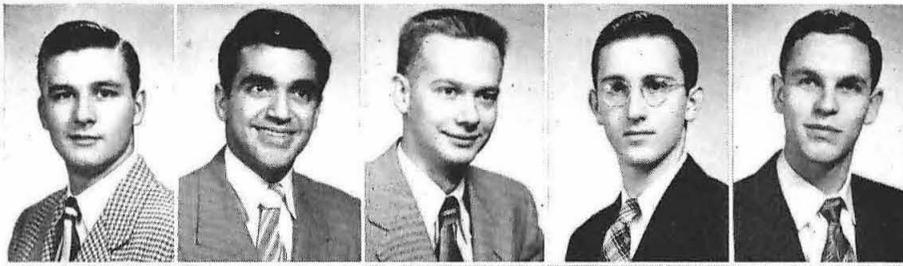
Bombs Away

During the first term, the boys in green suffered their first crew team loss in many seasons. After years of sponsored research, Ricketts' applied physicists came up with the hydrostatic technique, long cherished in utmost secrecy within the walls of Dabney. The Rowdies, armed with this theoretical background, won a crushing victory over our champs, sloshing down the brew in 28.2 seconds. However, we are happy to say that the second term race, with the enforced reversion to the less advanced brute force technique, was once again won by the Dabneyites. They had spent the previous three weeks in intensive training under their head coach, Dick Dickinson. Dick also coached the squad to an Interhouse swimming victory next day.

Prominent among Dabney personalities was Lupe Ellmore; his contributions to Dabney culture consisted of converting Dabney's piano into a mutant harpsichord by utilizing advanced acoustic techniques and thumbtacks, and beaming his infinite wattage amplifier, resonating to Benny Goodman's clarion tones, to avid listeners in Dabney Court. Jaffe helped brighten California roads by building a Buick Bomber complete with Michaelsen's engine and a convertible top composed of multi-color awnings.



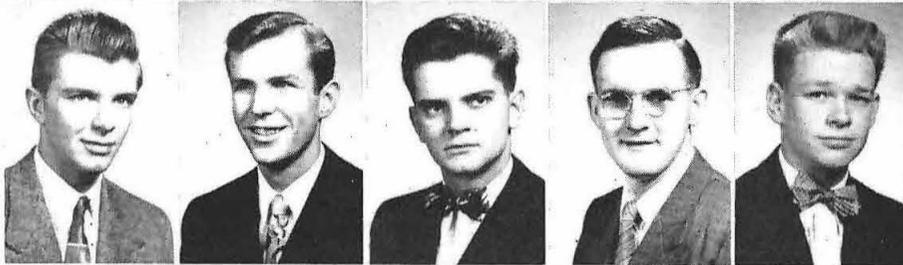
Black Magic



HUGH LENEY
MOISES LEVY
FRANK LUDWIG
DAVE MACDONALD
BOB MANDL



JOHN MERRILL
PHIL MILLER
WILLIAM NELSON
MILES NESMAN
J. C. NOLL



HUNTER PAALMAN
BOB PECHACEK
GUNTHER PERDIGAO
JOHN POLLET
WILLARD RICHARDS



BILL RIHN
TOM RUSSELL
DICK SCHMID
RON SHREVE
BERT SNIDER



BOB STANAWAY
DAVID STEPHENS
TOM STOCKEBRAND
DERK SWAIN
NICK SZABO

Wha' Hoppin

Dabney, never at a loss for Lotharios, proudly displayed Stanaway with his "Honest fellas, this is really the one," Stockebrand with his plane trips to Schnipps; Hamilton's sage advice offered between sips from a variety of beer mugs, Laff's modest tales of his exploits, and, finally, Wagenseller and his certified queen.

During the summer, Barmore took the fatal step. He was succeeded, during the school season, by Ludwig and Rihn, and intentions were announced by Snider and RA Bill Warters.





A Bunch of the Boys

DABNEY

With the marriage of VP Ludwig, House politics were reorganized to include a Social Vice President and an Executive Vice President, offices ably filled by Stockebrand and Kemmel respectively. Ron Shreve in the Presidential office executed the finest administrative job seen at Dabney for some time. The third term saw Jim Latourrette and J. T. Billings take over the Presidential and Executive Vice-Presidential positions, while Stocky continued as Social V.P., turning out movie-screen size social schedules.

Finally, a memoriam must be offered for the pride of Dabnev Lounge . . . the projection television set. After a brilliant career of revealing the wonders of interstellar space on the Flash Gordon program, Dabney's mighty television set quietly faded to its demise as Dabney's bridge aficionados continued their eternal game, unaware of the poignant drama being enacted by the last trace of the beam.



H-Hour Minus One

TOM TAUSSIG
TERRY THOMAS
DAVE TILLES
PHIL ULREY



LEON VICKMAN
DICK WAGENSELLER
BLAKE WALLACE
JESSE WEIL



DICK WELSH
KEITH WINSOR
JOHN WOLFE
GORDON ZENTNER





Fleming Officers: Norm Gray, Secretary; Al Haber, Vice President; Mell Cassidy, Treasurer; Ed Schlinger, President.



FLEMING

After seventeen years the Old Lady had left Fleming Lounge; the men of Fleming had to be satisfied with only the Varsity Rating Trophy. But being reactionary by nature, they set out to turn the clock back, a difficult task indeed in such a fast moving world as this. In order to rectify the situation, enlightened leadership was needed. In the House elections, the important office of Secretary went to Norm Gray, whose rhymed minutes will join all the previous Fleming literary records in posterity. As for the other offices, we shall quote from The Master's own minutes of the election meeting:

Easy Ed Schlinger was chosen as Prexy,
 Suave, smooth, scintillating and sexy.
 But Veep, however, was highly contested,
 And the vote depended on how they had jested.

When offered the floor, Haber next was to grab it.

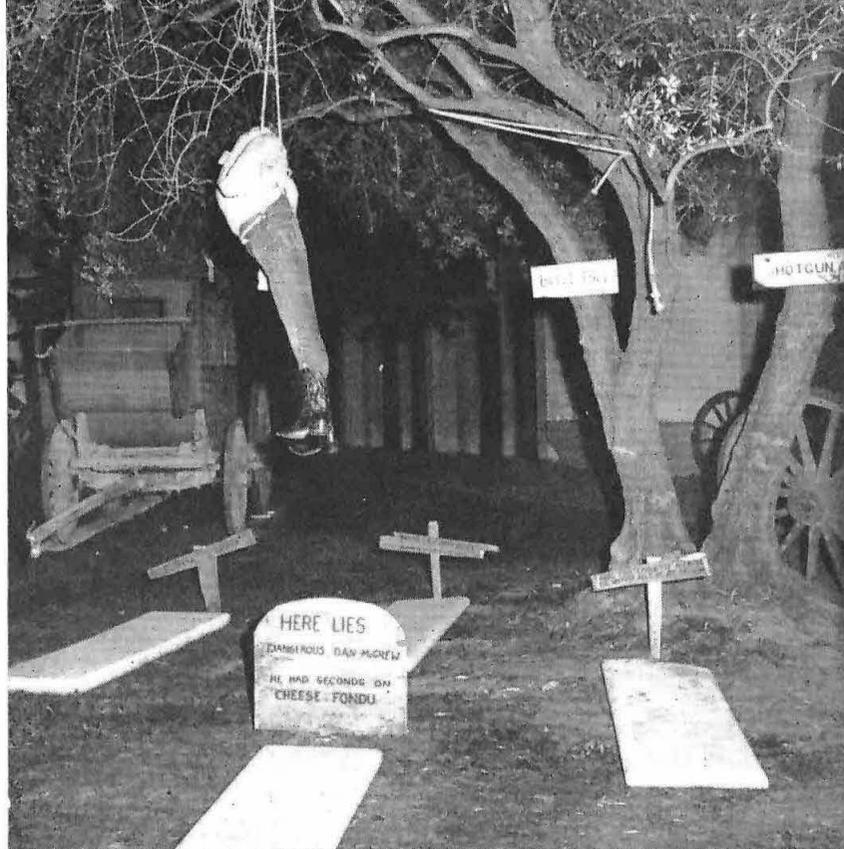
As he reached out the door, he took hold of a rabbit.

He held it like cooks preparing a party;
 One was elected—was it Haber or Harvey?

The job of Treasurer went to Money-Bags Mell,
 And that of Secretary went straight into hell.
 The supporters chosen for the athletic fight
 Were Kidder for the left and Forgy for the right.

Handen and Lynam attained their position
 As Co-Social Chairmen without opposition.
 And keeper of the books, both short ones and tall ones,
 Is our new head librarian "Highball Tom" Collins.

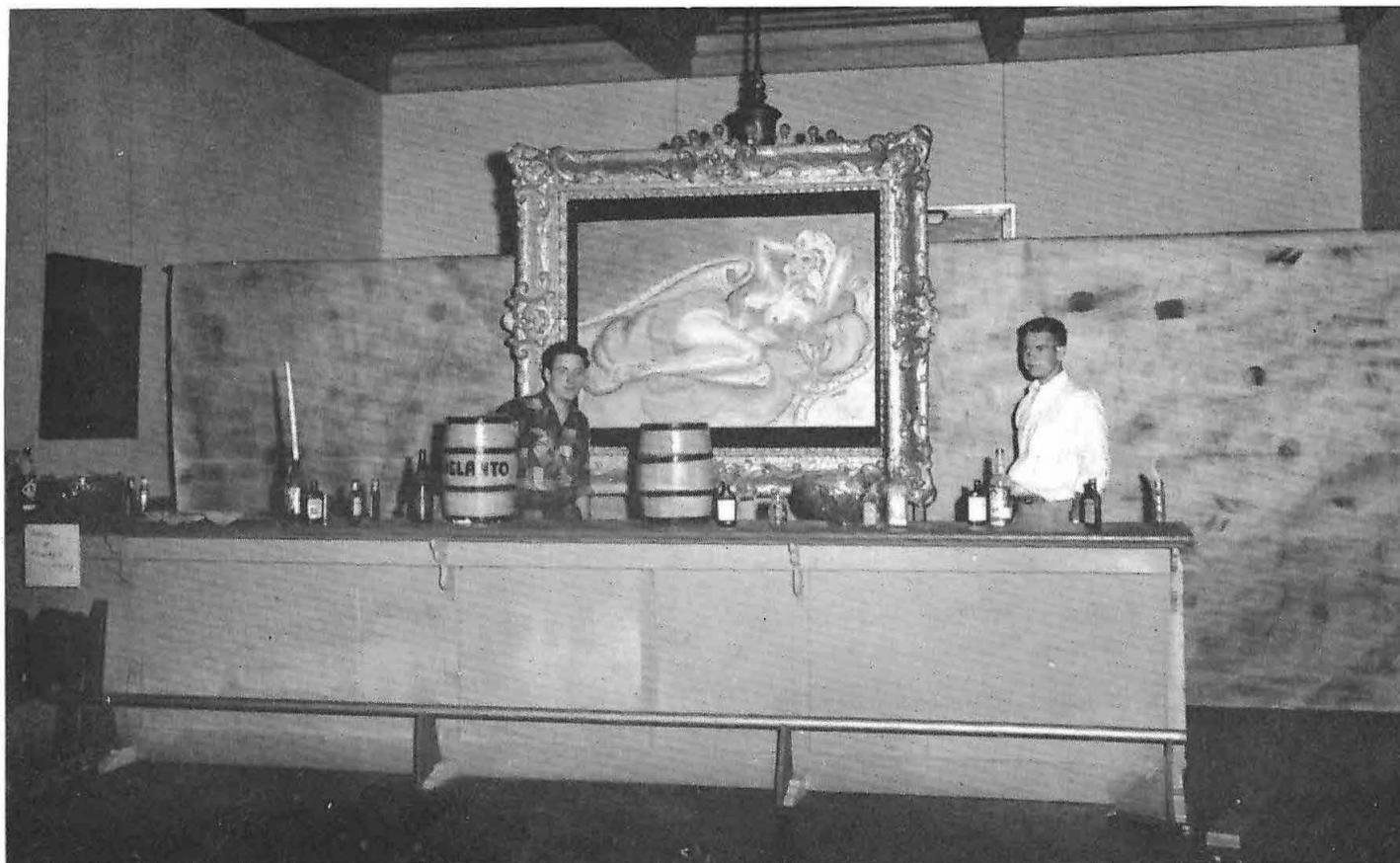
In order to ensure the presence and practice of cultured table manners to complement Flem-



Boot Hill

ing's traditional frank and open behavior, Bud Katz was appointed Constable, and did an excellent job of seeing that no one made more noise in the dining room than he did. Al Haber brought a scintillating array of guests to the head table, including all kinds of celebrities from Nobel Prize-winner Enrico Fermi all the way down to Waheed Ghauri, the great Pakistani lover. Perry Butler, maitre de of Fisher's, was treated to the combined thrill of being floated while eating a Student House dinner.

Artists and Their Work





DON ARNOLD
 MARTIN BAINBRIDGE
 JACK BEHNKE
 BILL BERG
 MIKE BOUGHTON
 DAVE BROOKS



JOHN BUSH
 JOHN CAGLE
 KEITH CAMPBELL
 DICK CANTRELL
 CHALON CARNAHAN
 MELL CASSIDY



BILL CHAMBERS
 HENRY CLUTZ
 JIM COLLINS
 GEORGE COOKE
 PAUL CRAMER
 SONNY CRUMP



BEN CUMMINGS
 DWIGHT DENNIS
 ERNIE DERNBURG
 ALEX DIXON
 GERALD DUDEK
 TOM EMERY



EARL EVLETH
 PAUL FARLEY
 PHIL FERRELL
 BERN FOLKMAN
 JOHN FORGY
 HORACE FURUMOTO



JOHN GEE
 ED GEHLE
 WAHEED GHURI
 DAVID GILDERSLEEVE
 AL GOLDMAN
 NORM GRAY



RAY GRIESER
 AL HABER
 BILL HAIGLER
 AL HAIRE
 DON HANDEN
 JOHN HEALY



DICK HODGES
 CONRAD HOUSLEY
 DICK IRELAND
 TOM JANSSENS
 DAVE JOHNSTON
 KEN KASTELLA

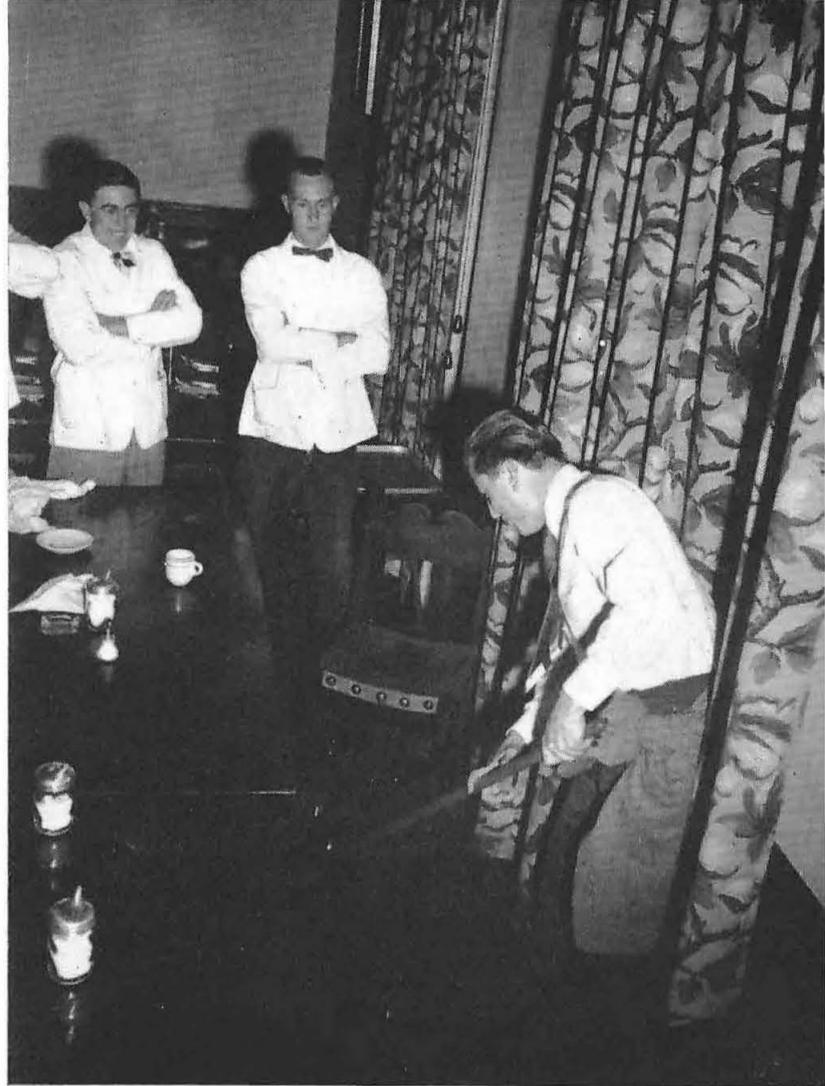
FLEMING

Social Chairmen Handen and Lynam succeeded in bringing the best of Pasadena's loves to Fleming's ever cozy exchanges. In addition to the Dark Lounge Parties (Record Dances), Flemingites had beach parties, snow parties, hayrides, theater parties, barn dances, and the intimate get-togethers at the Paulings' swimming pool. Highlight of the Pasadena social season was the Fleming decorations for the Interhouse Dance. Fleming and its environs constituted an accurate reconstruction of "The Old West." Embellished by the newest in Hollywood studio sets, the way to the Lounge was a typical main street of the old West. The Lounge itself was a western dance hall, according to students who claim to have been in such places at the turn of the century. The refreshments in the dining room were served at a real bar, behind which a painting of an enormous nude (painted by local talent and specially commissioned for the event) graced the saloon. Outside, a real stage coach, a stiff hanging from a tree, and a humorous cemetery added to the mixed atmosphere.

The peak of bourgeoisie entertainment came with the world-famous Ass-in-Nine Baseball contest held between Alleys Five and Six for possession of the Brass Spittoon. Superior talent and the efficiency of bat boy Al Goldman won the coveted prize for the Alley Sixers. Further details of this subject are far too complex to be treated in this elementary discussion, and we respectfully refer the reader to some more specialized presentations.

As the athletic year began first term, Tech's varsity teams found approximately one third of their numbers Fleming men. This left only the bottom of the barrel available for Interhouse competition, and explains why Fleming amassed only 62 of a maximum possible total of 65 Interhouse Trophy points first term, taking first in basketball, first in baseball, and second in cross country. Second term, after a double choke in softball and tennis, Fleming came back to form in track and swimming, and continues to lead the field as this yearbook goes to press. In addition to this, the Discobolis spent much time on the Fleming fireplace mantel.

House spirit was maintained at peak efficiency by the Fleming Waiters' Union, headed by "Win a few, lose a few" Norm Peck and by the Fleming Anti-Waiters' Union Union, led by Big Stu Cameron, who one night passed out loaded cigars to all the waiters. First line of defense in interhouse water fights was masterfully spearheaded by the Alley One Goon Squad, under the inspiring leadership of the House Snake and Assistant R.A., Bob Profet. Whenever things became so dull that pulses were almost down to normal, President E. Schlinger gave a pep talk that even woke up Palmer Smith, House Philosopher.



Fleming Guest



Charles Atlas



ROCKY KEIR
HENRY KESWICK
JOHN KIDDER
TOM KIRKPATRICK
JIM KLIEGEL



RON KORSAK
BUD KRAMER
KAI KRISTENSEN
MO LERNER
BUDD LETOURNEAU



JOHN LILLEY
BOB LYNAM
DICK LYON
GEORGE MACDONALD
PIERRE MAHIEUX



DICK MANLEY
ED MILLER
GEORGE MOORE
RANDY MOORE
DAN OLSSON



STAN PARKILL
PETER PAULING
NORM PECK
BOB PERPALL
JIM PINKERTON

Disclobberus





Sunshine and Health

FLEMING

In the spring, a young man's thoughts turn to ASCIT elections, in which Fleming was well represented. The discriminating voters chose Flemingites John Gee, George Moore, Bob Lyman, and Larry Starr for the offices of President, Treasurer, First Representative, and Editor of the Big T, respectively.

The Frosh were taught their place in the infinite scheme of things by Cole Williams and his Sophomore henchmen, and were later seen performing many tasks for the house. In view of all that has been written, it is a pleasure to report that not one flunked out.

PHIL POTTER
BOB PROFET
CARL RAMBOW
JOHN ROGERS
BENJI ROSEN



ED SCHLINGER
TOM SLODOWSKI
BOB SMITH
DEANE SMITH
PALMER SMITH



TED SMITH
LARRY STARR
DAVE STEVENS
GEORGE STRANAHAN
ROD SUPPLE

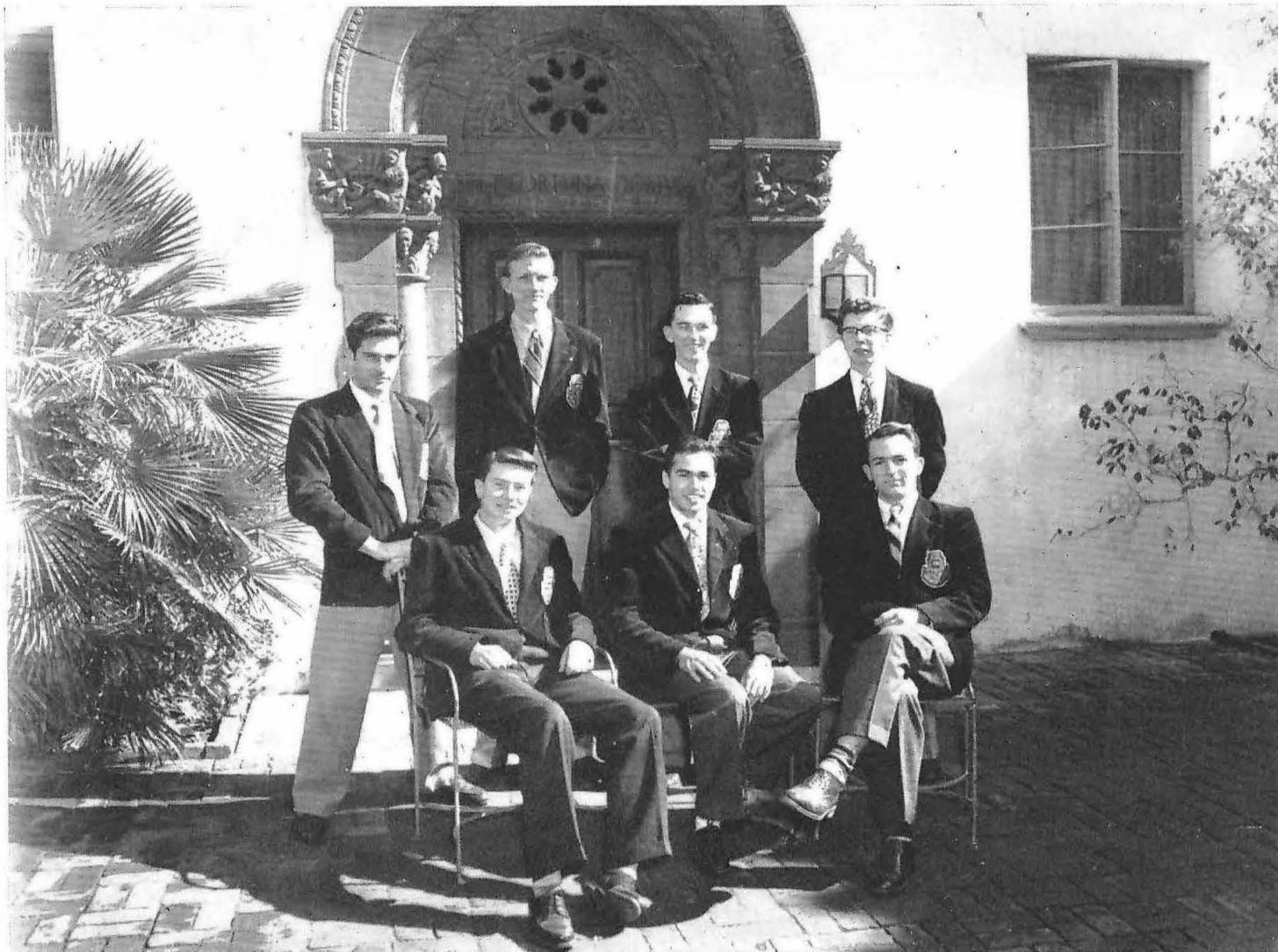


DON SUTTON
SAM TSENG
DON TURCOTTE
MARTIN VOGEL
DICK VON HERZEN



NEWMAN WADE
PAUL WANG
RON WILLENS
COLE WILLIAMS
BOB WOOD





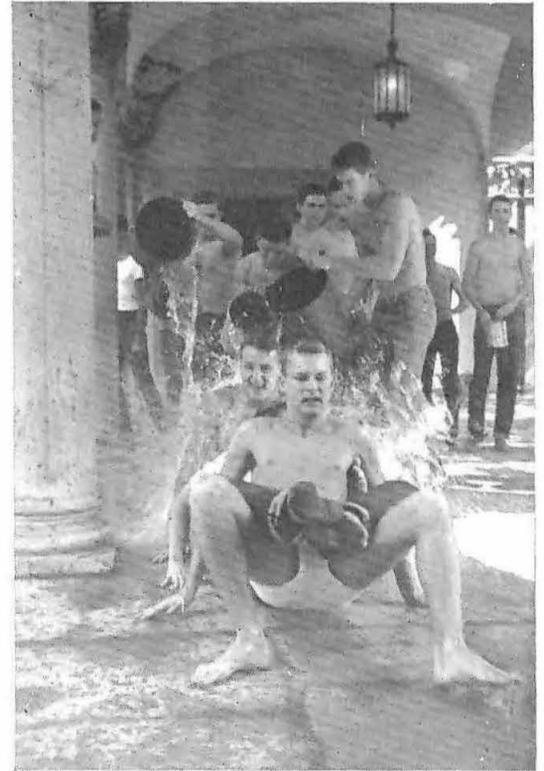
Ricketts' Officers—Seated: Marv Hyman, Vice President; Alex Dessler, President; Bill Gardner, Secretary. Standing: Ernie Weber, Athletic Manager; Kim Hamberger, Social Chairman; Don Tierney, Treasurer; Walt Eager, Social Chairman.

Stop, thief!



RICKETTS

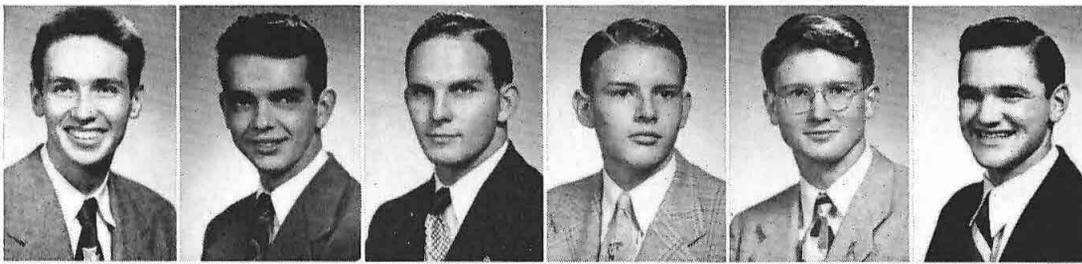
The men of Ricketts roared rambunctiously and of course rowdily thru another year of the three "S's": Studies, Sports, and Social activities. Headed for most of '51 and the early days of '52 by capable Alex Dessler, she now has the equally able Bill McCormick at her helm. Competent Marv Hyman was succeeded, quite poetically we think, by Jim Wyman in the office of Vice President. Walt Eager as Social Chairman kept up the good work which he started with the highly successful Luau held Spring term of '51. His important job is now in the hands of Tom Tyson and Vince Marinkovitch. Bill Gardner in his capacity as Secretary supplied minutes full of sparkling wit, and Phil Bates, the new Secretary, will undoubtedly continue to produce new literary gems. Ernie Weber, as Athletic Manager, marshalled the athletic prowess of the House with great ability, and handed to Doug Inglis the job of creating a favorable balance of trade in sundaes. Don Tierney, who, possibly with the aid of the philosopher's Stone, managed to balance the books without the aid of an extra assessment, has left the job of Treasurer, as well as the Stone, we hope, to Don Emerson. Dave Mason, Ricketts' RA, with his patience, understanding, and joke about John Paul Jones helped make this year as successful as it was.



Rowdies on the warpath

20,000 Leagues Under the Sea

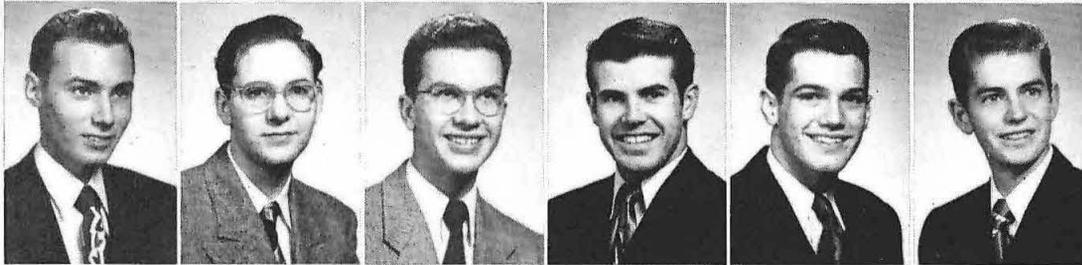




JIM ADAMS
 BILL AUTREY
 RODGER BAIER
 JOHN BAILEY
 KEITH BARDIN
 MERV BARMAN



PHIL BATES
 GIL BEEBOWER
 SID BELLINGER
 CHUCK BENJAMIN
 BOB BILES
 PHIL BIRKELAND



DICK BROWN
 LARRY BROWN
 AL BURTON
 MIKE CALLAGHAN
 FRANK CONNOR
 BILL CREIGHTON



JERRY CROCKER
 LEE CUFF
 ALEX DESSLER
 JOHN DRESSER
 CHUCK DUNN
 WALT EAGER



BOB EASTON
 STAN EILENBERG
 DON EMERSON
 BARNEY ENGHOLM
 HARVEY FREY
 BILL GARDNER



BOB GRAFF
 JIM GRISWOLD
 WALT HAENGGI
 KIM HAMBERGER
 DAVE HANNA
 JACK HARPER



LEE HENDERSON
 MARV HYMAN
 DOUG INGLIS
 GEORGE JOHNSTON
 AL JONCICH
 DICK JALI



SHEL KAGANOFF
 BRUCE KAISER
 BABE KARASAWA
 DAVE KNAPP
 DAVE KOONS
 BANNIE KUFFER

The highlight of the Spring social program was the already mentioned Luau. The main ingredients to which this festivity owed its success were roast pig, long rice, sword dancers, and Professor Feynman. Ricketts' theme for the Interhouse was a deep one: "Twenty Thousand Leagues Under the Sea." Refreshments were served from a huge Bathysphere—an all welded structure created by the master artisans of the house. Fishes, octopi, barnacles, and soap bubbles created an illusion so strong that Captain Nemo was conspicuous in his absence. The Apache Dance, Ricketts' annual adoption of one of France's best institutions, was, as usual, a big success. Of course, with such ingredients as women and breadsticks, no event can be a failure. An equally successful combination is women and beer, hence the Barn Dance. Enjoyment of these festivities was heightened by the fact that Ricketts puts a championship crew team into the field. Headed by Sewer Pipe Sundt, this team broke all records and carried home the coveted trophy. Numerous exchanges were also provided, all designed to ferret the snake from his hole.

In the field of politics, Ricketts continued its tradition of supplying some of ASCIT's most important offices with incumbents. Dave Hanna served as President, Mike Callaghan as Vice President, and Chuck Benjamin as Editor of the California Tech.



Luau

RICKETTS

Docile Brake Drum Riot





BILL LAPSON
 CARL LARSON
 AL LEWIS
 JIM LEWIS
 CLIFF MAHLER



VINCE MARINKOVITCH
 TED MATTHES
 BILL McCORMICK
 JACK McEWING
 DICK MILLARD



KEN NICHOLSON
 BILL PARKER
 GEORGE PATRAW
 GIL PEPPIN
 HOWARD PRESTON



RON RATNEY
 JERRY REECE
 DONALD ROBERTS
 JACK ROCCHIO
 BOB RYAN



FRANK SCHROETER
 LARRY SCHWARTZ
 BERNIE SCHWEITZER
 BOB SHERMAN
 JACK SIMMONS

Don't do it, Wilson

Those who desired to enjoy the noonday sun after lunch did so at their own risks—expertly aimed water filled balloons made this one of the most hazardous of occupations. The sun worshippers remembered with nostalgia the days when this peril was much decreased by the valiant efforts and consummate skill with a stirrup pump of Jack Harper, whose departure left them unprotected. The Brake Drum, of course, made its tri-termly appearance. Participants will long remember the three hour long Riot which ended the '51 season. This Riot ended in a draw when both sides were so fatigued that they could only mutter feeble curses at one another. Another Riot, occurring in the winter term, was fought out in environs definitely reminiscent of the Mudeo.





Aw, it's easy!

RICKETTS

In the field of athletics there was much mighty endeavor. An especially overwhelming victory was won in track—Ricketts men ate their extra sundaes in comfort for many days thereafter. A valiant tennis team brought home a second place from the Interhouse Tennis tourney. In other sports, unfortunately, Ricketts' efforts were not to be rewarded by winner's laurels.

Despite the probable impression given above, and no matter how vehemently he might deny it, the Ricketts man spent a considerable amount of time at his books. His studies combined with the above activities caused him to yearn sometimes for an institution known as sleep, but with a commendable display of self control, he managed to do without it.

BOB SPENCER
LARRY SPICER
MIKE STANTON
NEIL SUNDT
DON TIERNEY



DICK TRACY
TOM TRILLING
JEFF TUCKER
TOM TYSON
JEAN VIDAL



SAM VODOPIA
DUDLEY WAGNER
JACK WALKER
JOHN WALL
BRUCE WATKINS

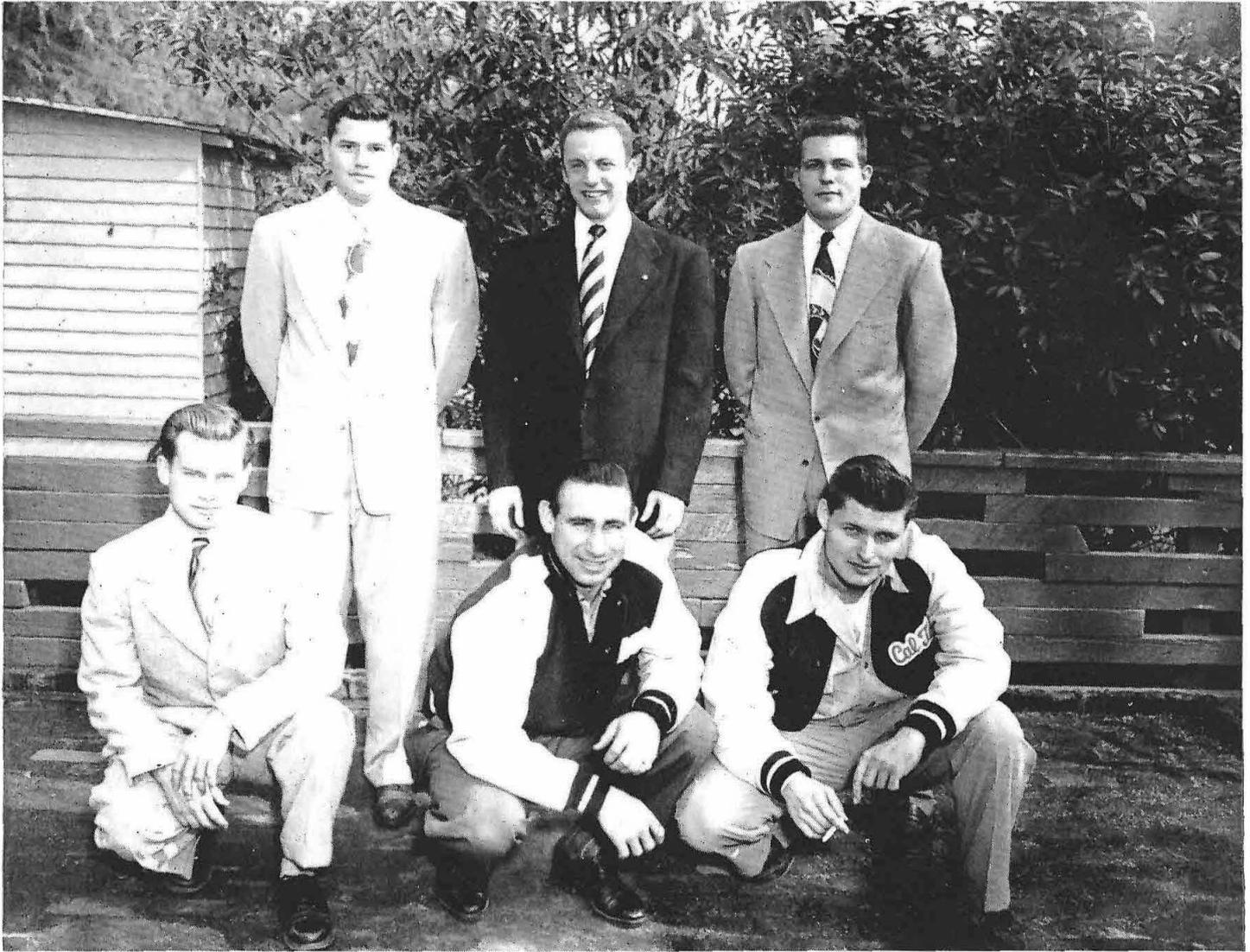


ERNIE WEBER
JOHN WEISNER
MAURY WHITAKER
DICK WHITE
JIM WILSON

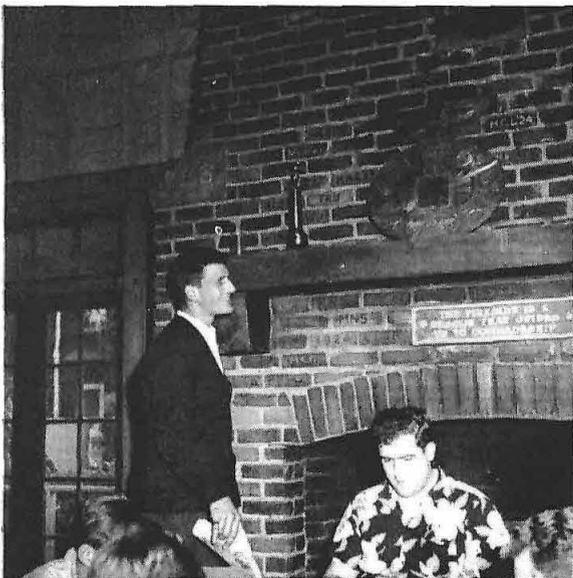


DAVE WORKMAN
JIM WYMAN
BOB WYNN
GEORGE YANKURA

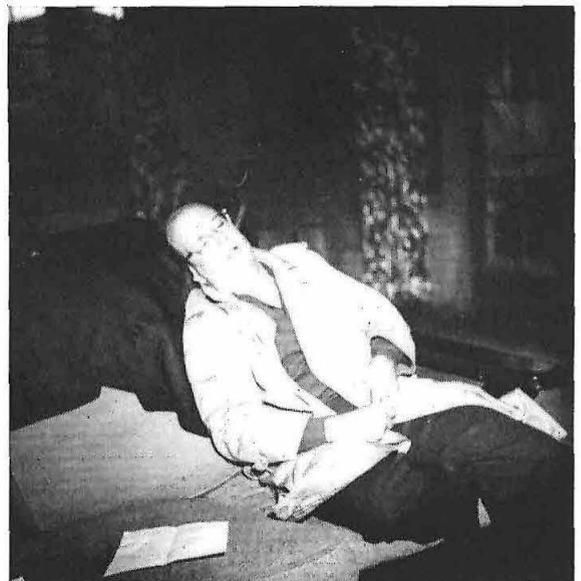




Throop Officers: Standing, Bill Edmondson, President Gil Kitching, Fred Garrison. Seated, John Lloyd, Hal Woody, Dick Fuller.



Something old, something new



Old Baldy

THROOP



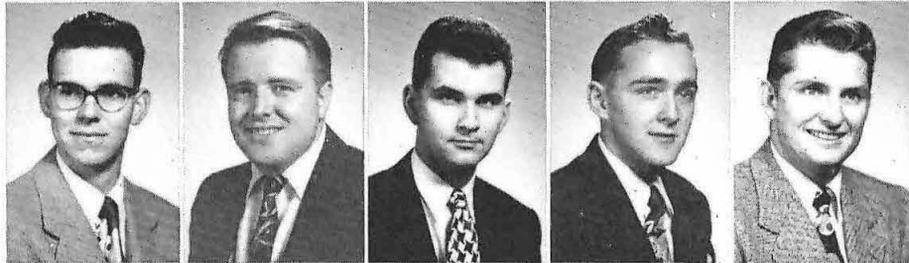
More Throop club activities

Throop club activities





STEPHEN ARNESON
 CARL BOWIN
 GEORGE COOK
 NEAL COSAND
 DON DARMS



BEN DAVIS
 FORREST DAVIS
 MALCOLM DAVIS
 JOHN DAY
 RAY DESTABELLE



GENE DRYDEN
 BILL EDMONDSEN
 RICHARD FULLER
 VICTOR GATES
 JOE GRAETCH



MALBONE GREENE
 RAY HEACOCK
 RON HELIN
 JAMES HELMUTH
 GERALD HOOPER



BILL IRISH
 GIL KITCHING
 DON LAMAR
 FRANK LANG
 CLINTON LEW



JOHN LLOYD
 STAN MANATT
 FRANK MASTROY
 BOB MEADE
 ROLAND MILLER



GENE MUEHLBERGER
 RICHARD NIELSON
 ROBERT OLIVER
 ROY PAUL
 ROBERT PHILLIPS



RENO PIEROTTI
 WALT PILANT
 JOHN PORTER
 STAN RAWN
 SHELDON RUBIN

TAKESHI SATO
 ED STOFEL
 HENRY STURTEVANT
 SIMON TAMNY
 DON TAYLOR



JIM TOWNSEND
 GERARD VAN HOVEN
 HARRY VINCENT
 ERIC WARD
 DICK WEBBER



RICHARD WEEKS
 ROLF WEGLEIN
 JOHN WILSON
 EDGAR WONG
 HAL WOODY

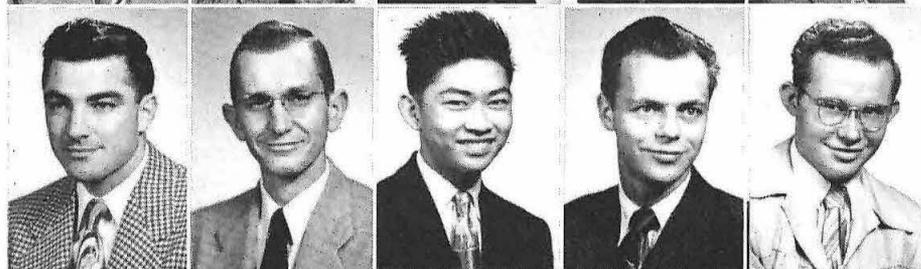


THROOP

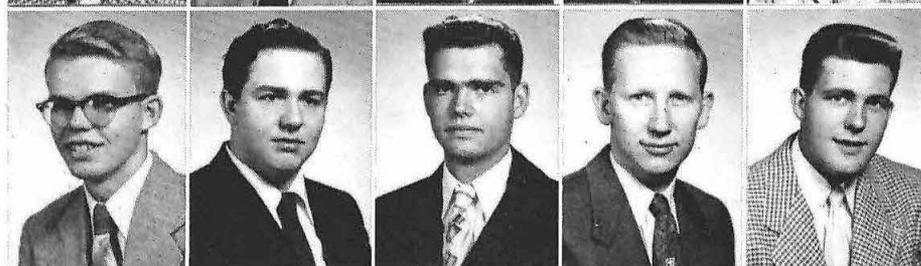




PAUL AAGAARD
 ROBERT ALTERMATT
 JOHN BAUGHER
 GARY BOYD
 RICHARD BRIDGES



ART BRITT
 ELIOT BUTLER
 JACK CHOW
 RICHARD CLARK
 STEPHEN CLARK



DYSART CONINE
 GLEN CRABBS
 RICHARD DONDANVILLE
 BUZZ GAINES
 FRED GARRISON



DAN GRIFFIN
 MONTAGUE GRIFFIN
 HERB HENRIKSON
 BRUNO HERSCOVICI
 RONALD HRUBY



JOHN HUNSAKER
 BOYD ISRAELSON
 HARRY JACKSON
 GENE JORDAN
 BARCLAY KAMB



BILL KELLY
 RICHARD KENNON
 LOUIS KILCHENMAN
 RICHARD LAFORCE
 GERALD LIPPEY

OFF-CAMPUS

DOUG McLEAN
 ROBERT MEYER
 MANUEL MORDEN
 TOM NOONAN
 ROBERT OLSON



RALPH PERRAULT
 OLIVER PRICE
 RICHARD READ
 DENTON RIGGS
 RALSTON RIGGS



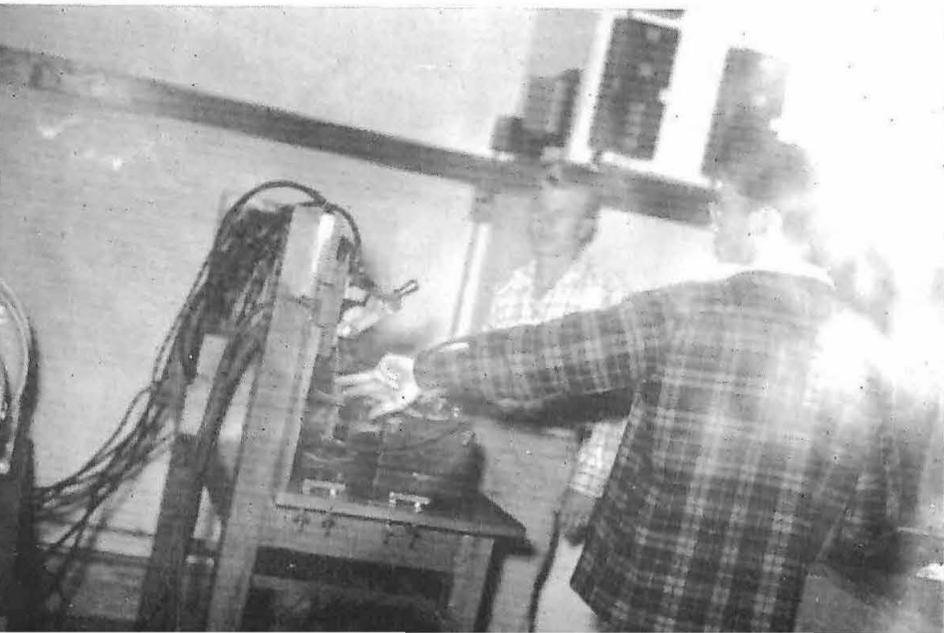
HENRY RICHTER
 JIM ROBINS
 JIM ROSS
 JOEL ROSS
 MARTIN SANDELL



FRANCIS SCOTT
 HOWARD SHUGART
 DON SNOWDEN
 BOB STANTON
 WALTER THORSEN



PETER VERDIER
 ELMER WADE
 GENE WILKISON
 BILL WISE



*Proudly stands our Alma Mater . . .
Noble C. I. J.*





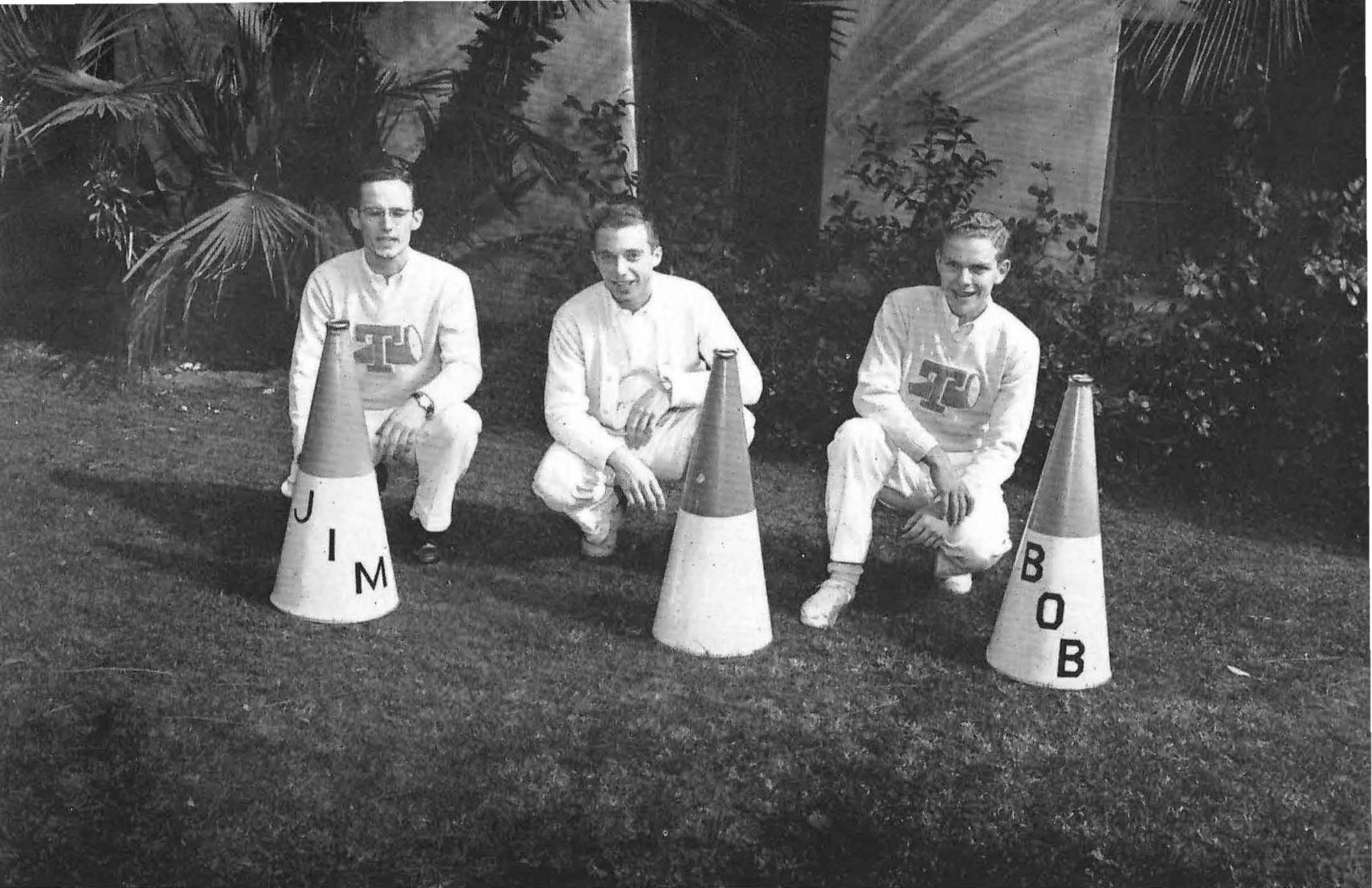
Sports

ATHLETIC OFFICE



ED PREISLER, H. Z. MUSSELMAN, BERT LA BRUCHERIE

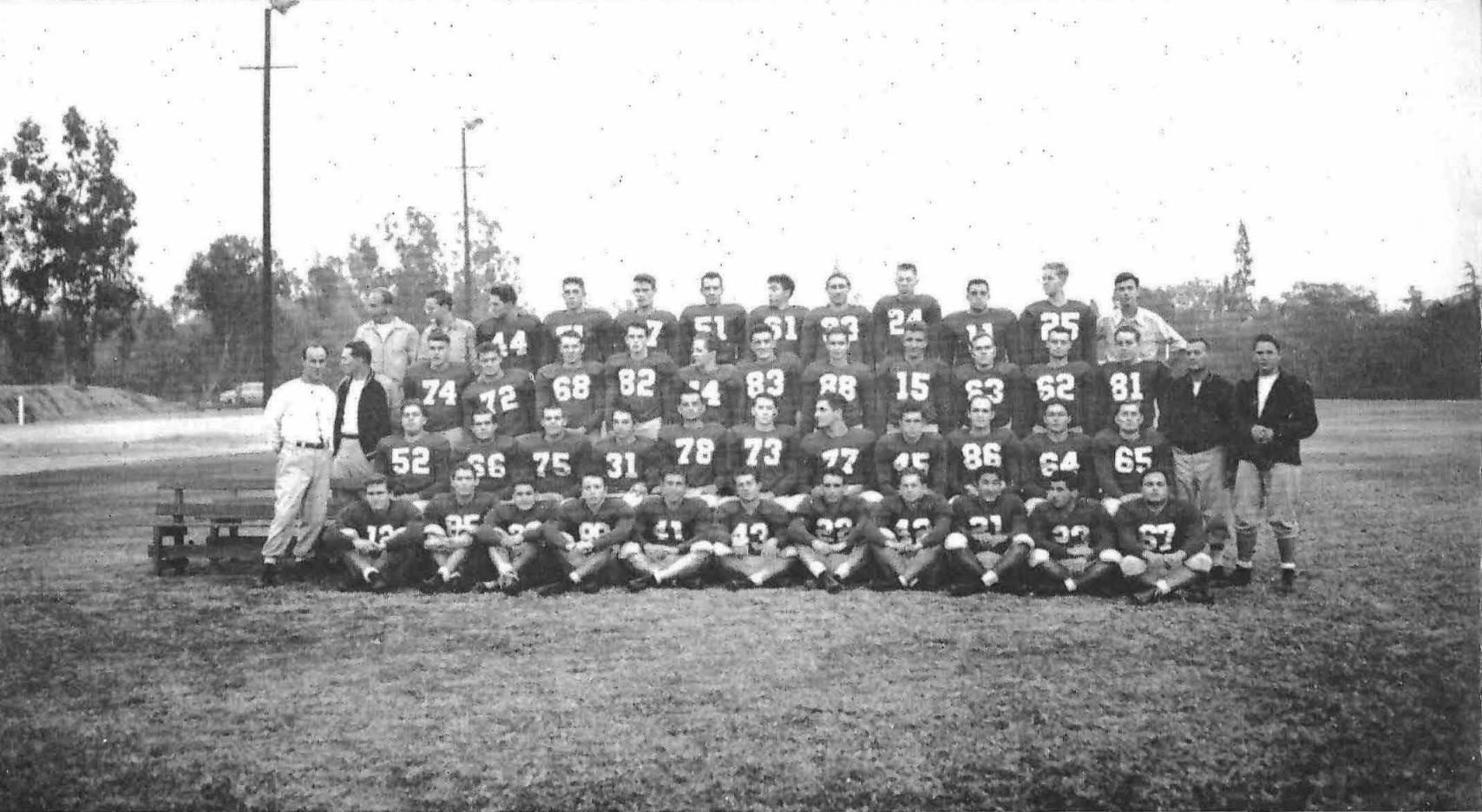




JIM LATOURRETTE, LEON VICKMAN, BOB SALKELD

YELL LEADERS





Top row: COACH MEERS, WALL, MUNN, ABBOTT, MICHAELSEN, HANNA, PECK, WOODY, MOORE, PROFET, MANLEY, WILSON;
 Second Row: COACH PREISLER, COACH MEHRINGER, GEHLE, FULLER, CARNAHAN, KIDDER, GAUSS, HENDERSON, STEFANIDES,
 KAISER, MACDONALD, KEMMEL, GRIESER, COACH LA BRUCHERIE, COACH PECK; Third row: PILANT, TAYLOR, TALLMAN, STRYKER,
 EARNEST, MENETRAY, MUEHLBERGER, CHRISTIAN, JANNSENS, LAMAR, DESTABELLE; Front row: JOHNSTON, GEE, SIMS, MILES,
 COOK, WALKER, FAZIO, LLOYD, KARASAWA, KAISER, EVLETH.

FOOTBALL



IVAN MEERS, ED PREISLER, DALLAS PECK

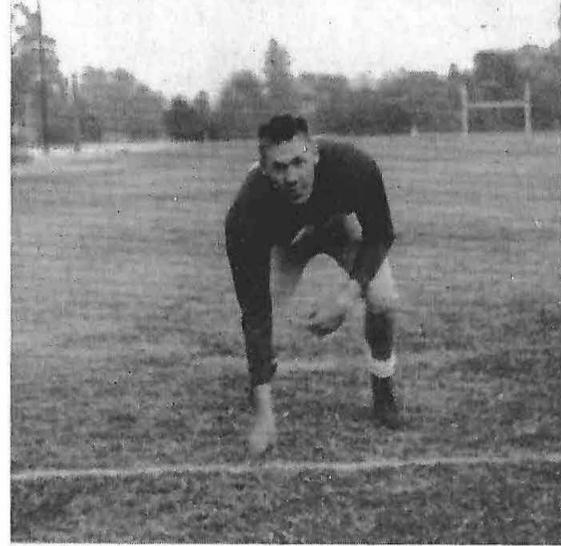


BERT LA BRUCHERIE

After a sad start with LaVerne, Caltech's gridmen brought a decisive 28-14 victory home from Flagstaff. Things really got exciting when Redlands was snowed under 27-13 in Tech's first conference win since 1946. This was followed by a series of close and heartbreaking defeats but despite the bad luck the Beavers tied for third in the SCIC Conference..

The spirit and enthusiasm traditional at Tech held up through the annual athletic banquet, where Babe Karasawa was presented with the Wheaton Trophy, and all-conference plaques were accepted by co-captains Hal Woody and Randy Moore, and by Les Earnest.

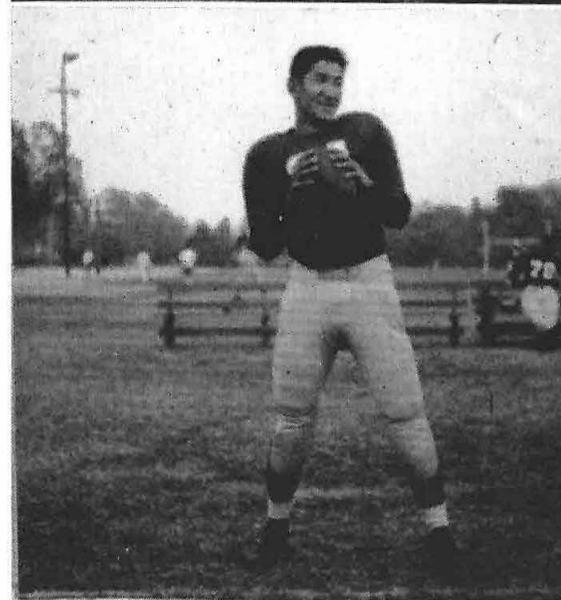
RANDY MOORE



HAL WOODY



BABE KARASAWA



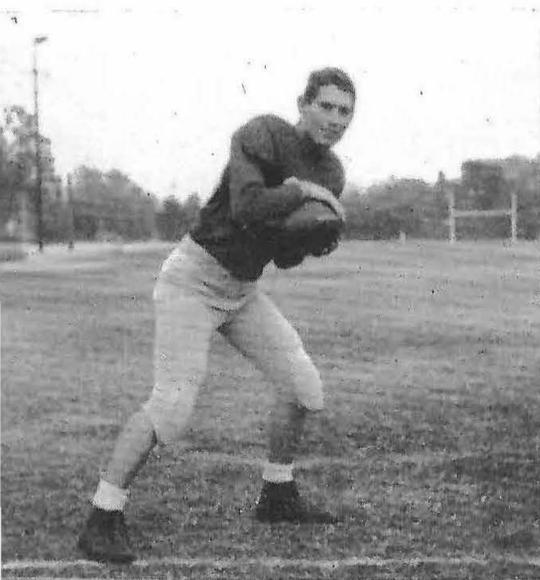
DAVE HANNA



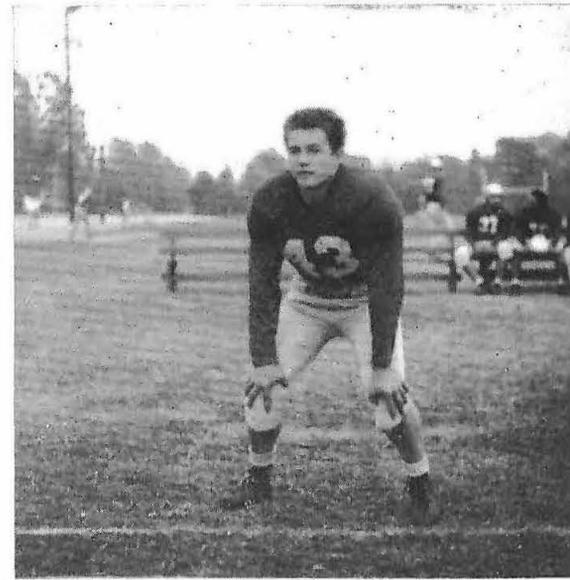


FOOTBALL

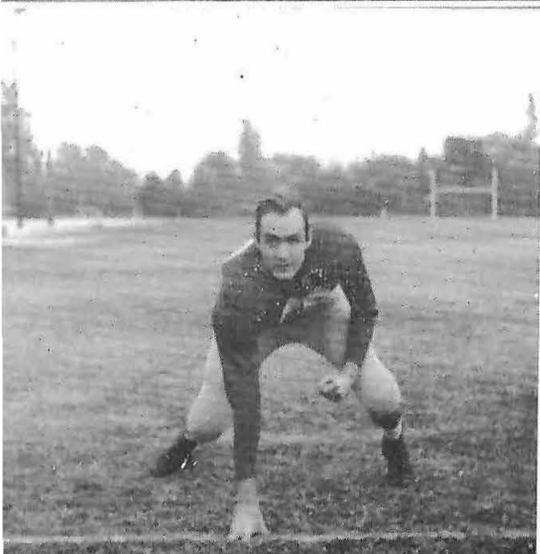
**TOM JANNSENS
JOHN GEE**



**GEORGE COOK
JACK WALKER**



WALT PILANT

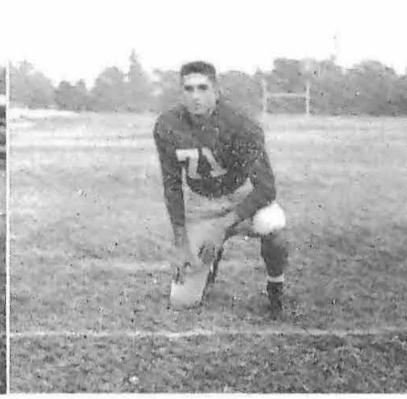




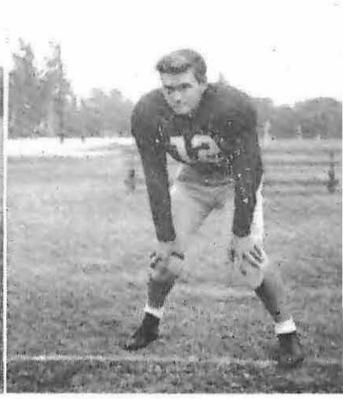
NORM PECK



CHUCK TALLMAN



LYNN ABBOTT



AL JOHNSTON



GENE MUEHLBERGER

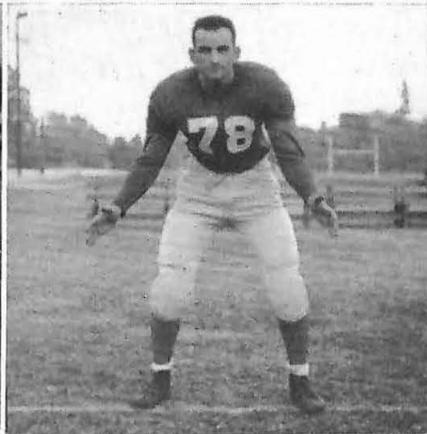


JOHN LLOYD



RAY DESTABELLE





LES EARNEST



BART STRYKER
LEON MICHAELSEN

MOOSE HENDERSON
GENE KAISER

Box Score

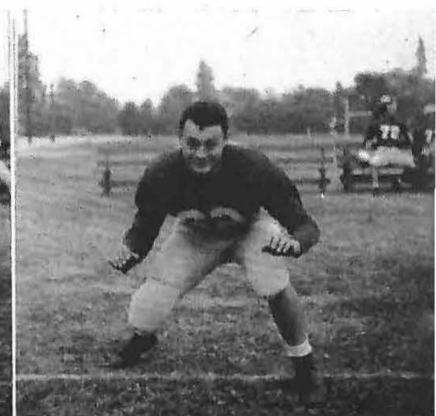
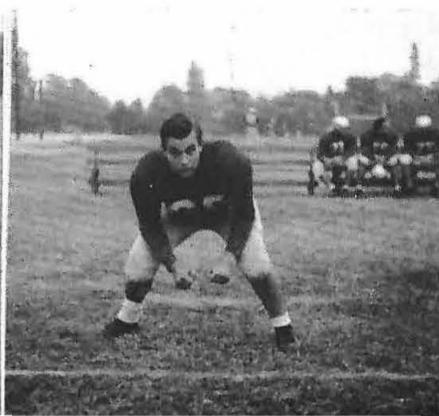
Caltech	0	LaVerne	26
Caltech	28	Arizona State	14
Caltech	27	Redlands	13
Caltech	25	Pomona	27
Caltech	13	Whittier	20
Caltech	13	Occidental	27
Caltech	7	Cal Poly	42

DICK FULLER

HUGH TAYLOR

WALT MENETRAY

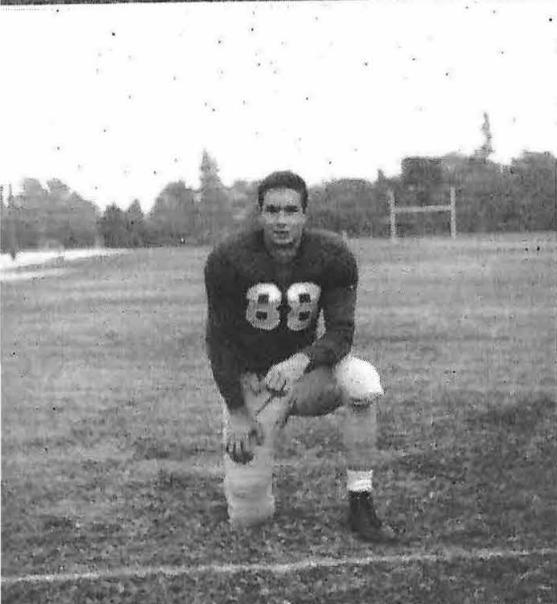
BILL KEMMEL



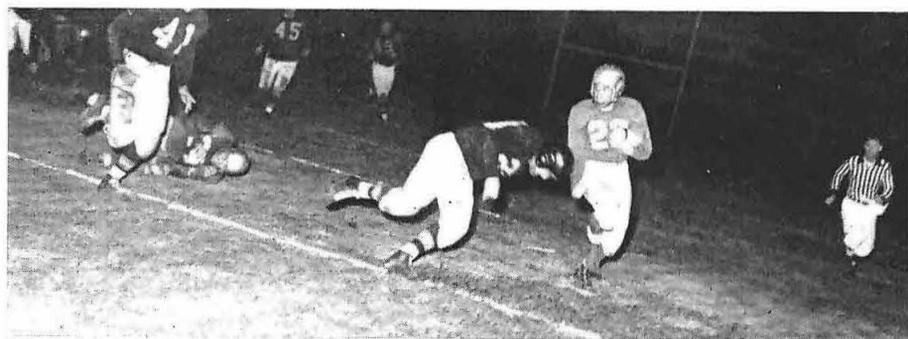
PAT FAZIO



FOOTBALL



NEIL STEFANIDES





Back Row: COACH JONES, RENNY GUTIERREZ, PERRY VARTANIAN, CHUCK MILLER, ED SCHLINGER, CLIFF MAHLER, ROCKY KEIR

Second Row: JOHN HEALY, JOHN WEISNER, CAREL OTTE, DCUG INGLIS, SWAROOP BHANJ DEO, DON EMERSON, EDDIE QUO, SEDAT SERDENGETI

Front Row: FRANK JOYCE, JOHN PEYTON, BOB SALKELD, MO LERNER, ERNIE WEBER, PHIL BATES, BOB WOOD, MARTY BAINBRIDGE

SOCCKER

Caltech's soccer team, with six victories, one tie, and no defeats, really came through this year, winning the Southern California Intercollegiate Soccer Conference championship. Last year's winner, UCLA, was beaten once and tied once, while USC was defeated twice. The kickers also downed Thatcher twice and Pomona once. Ernie Weber and Sedat Sergengeti were joint recipients of the outstanding player award.

In the words of Coach Ray Jcnes: "This is one of the finest groups of boys that any man could hope to coach. Beyond any doubt our victories have been real team victories with every man giving his all."



MUDEO

The class of '54 won the Mudeo for the second time, defeating the freshmen 6-1 by winning everything but the sack race. The Junior Judges ended the event needing a shower only slightly more than the contestants, who in turn needed one only slightly more than the spectators.



THE JUNIOR JUDGES





Back row: COACH GARMAN, FRANK CONNOR, ED BRYAN, TOM KOONS, JIM GRISWOLD, DICK VON HERZEN
Center: MORG OGILVIE, JOHN BUSH, JESS WEIL, BOB LYNAM, PEEWEE ROBERTS, GUS SOUX
Front: BILL BARMORE, AL HAIRE, BOB LAFF, JIM WYMAN, EARL JACOBS

WATER POLO

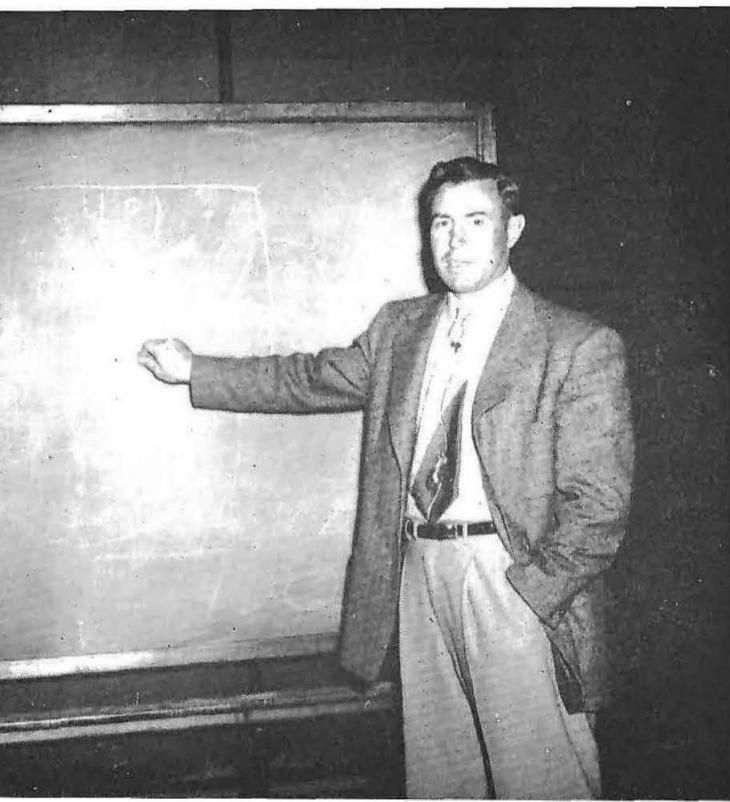
The 1951 Water Polo season was certainly nothing to complain about, for the paddlers won six games, including two over the rival Oxy team, while suffering only four close losses. Bill Barmore was high scorer with 39 goals for the season, with Al Haire second with 26. Captain of the squad was senior Dick Von Herzen.

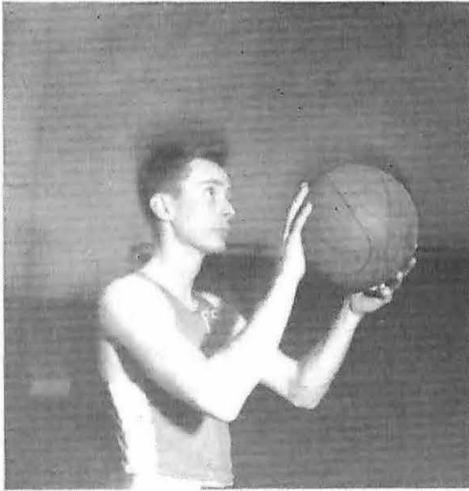




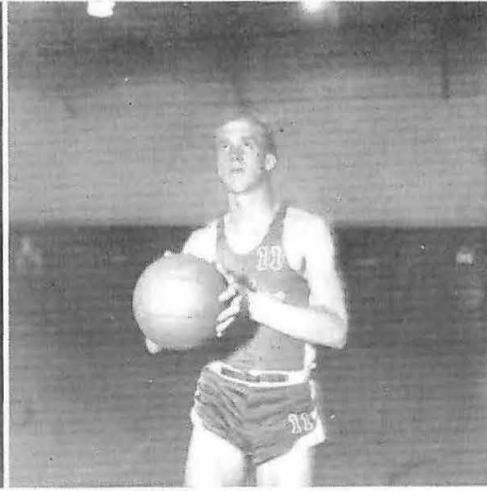
Standing: GEE, CHAMBERS, ANSON, SMITH, WARD, COACH SHY
Front: BRITT, IRELAND, GRAY, MOODY, STEVENS

CARL SHY





DICK IRELAND

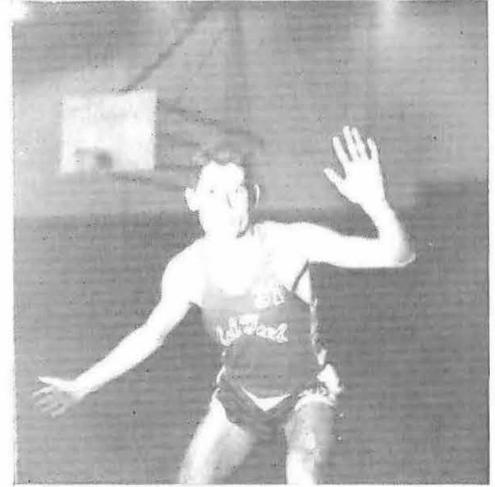


ERIC WARD



FRED ANSON
JOHN GEE

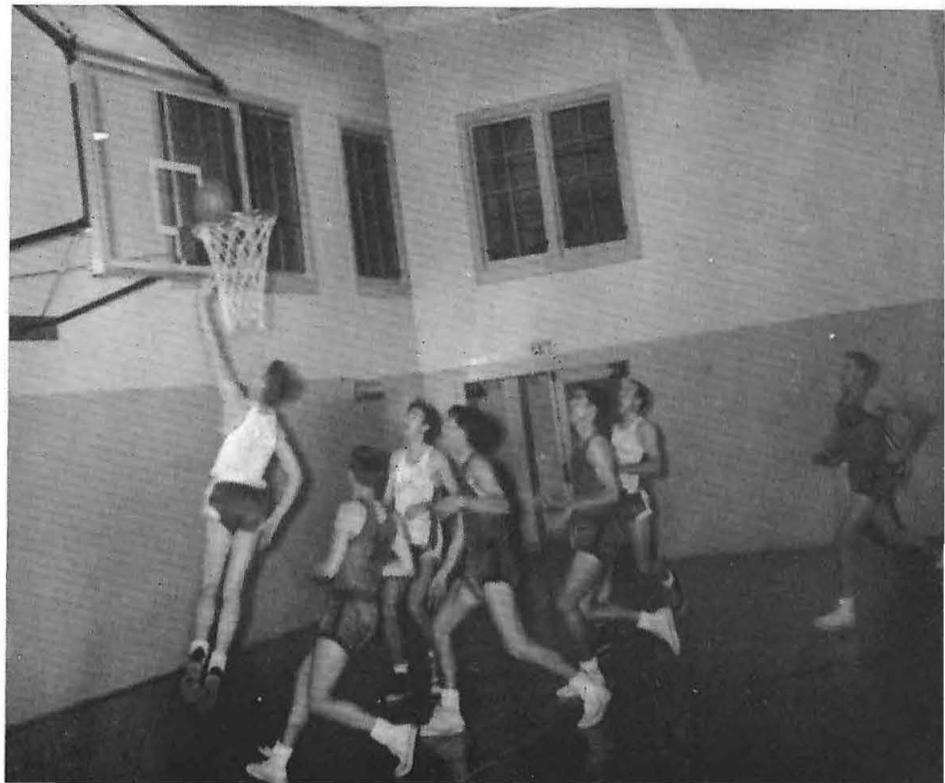
BASKETBALL



ROLLAND MOODY

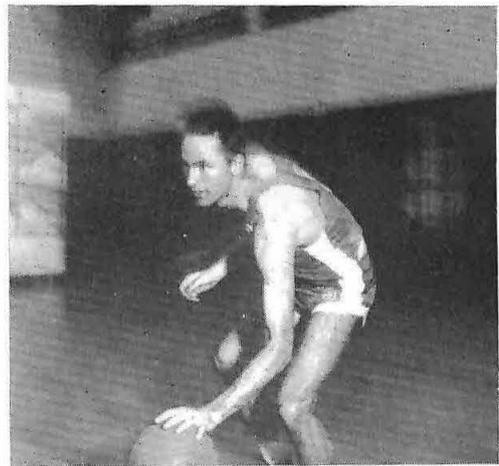


NORM GRAY

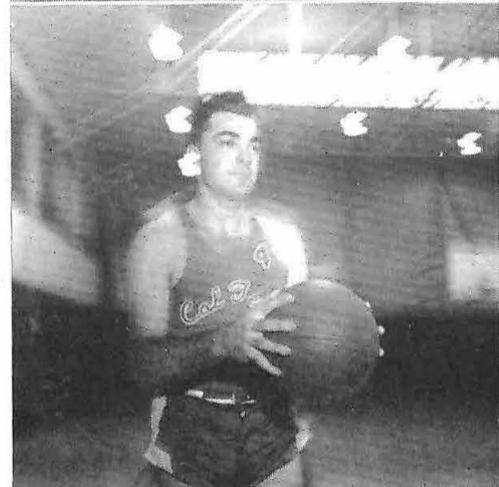


BASKETBALL

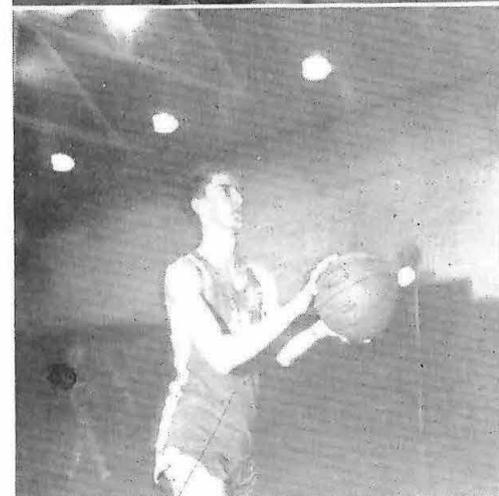
DAVE STEVENS



ART BRITT

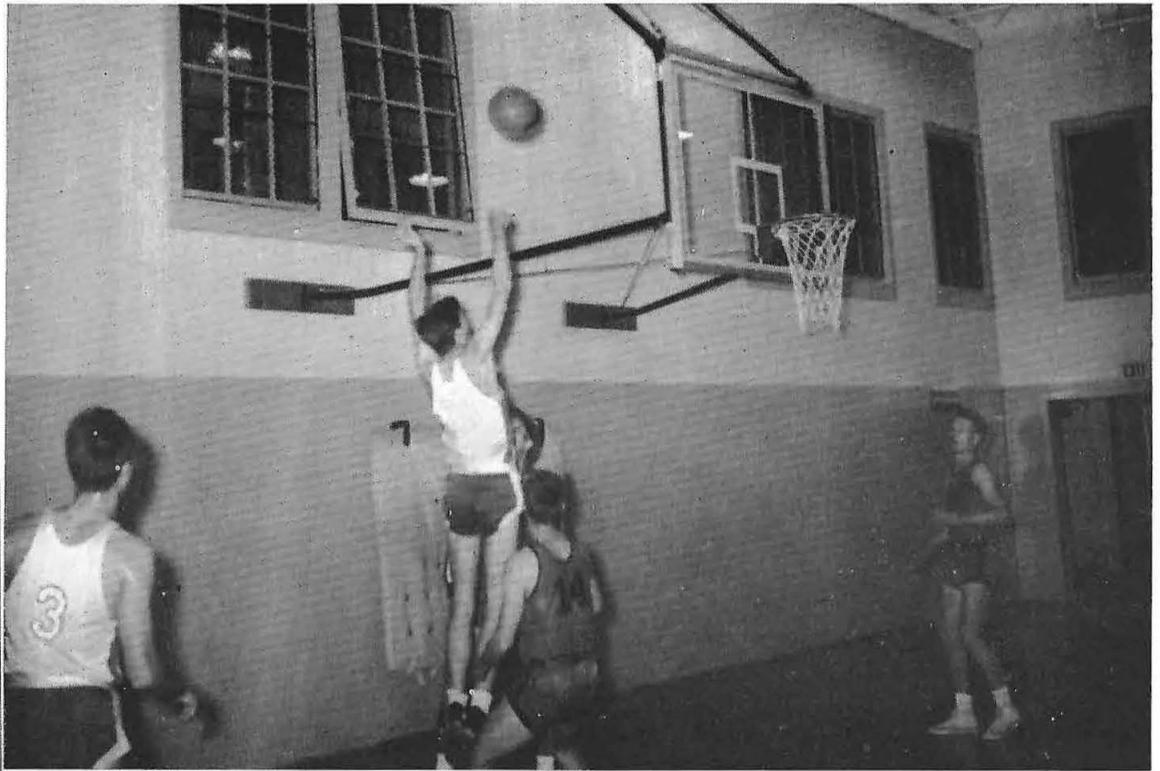


DICK SMITH



MANAGERS MELL CASSIDY AND BUD KRAMER





JIM TYLER

JUNIOR VARSITY

Standing: VINCE MARINKOVITCH, BOB MACKIN, CURT JOHNSON, JIM ADAMS, ED GEHLE, GENE JORDAN, DICK TRACY, MANAGER
Front: JACK CHOW, BRUCE SCOTT, BRUCE WATKINS, MYRL BECK, HUGH TAYLOR.

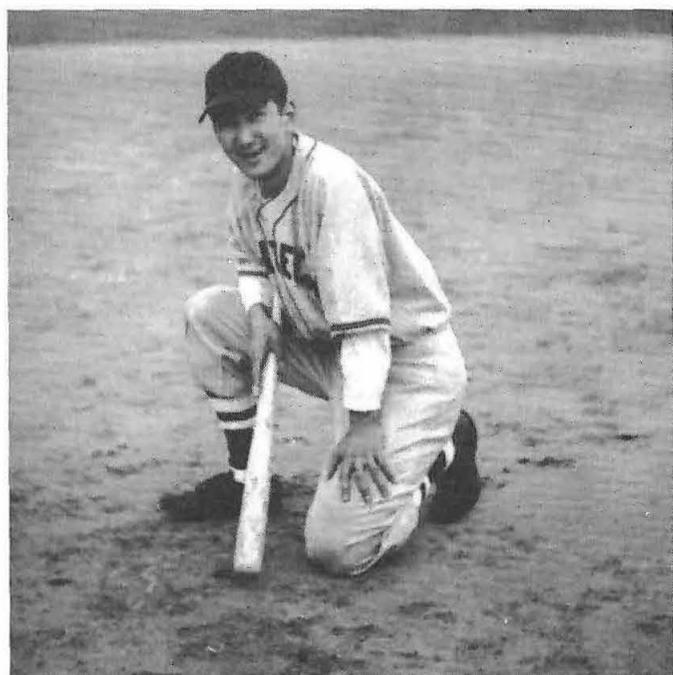




Back row: COACH ED PREISLER, NORM GRAY, DAVE KOONS, DON HOOK, ED GEHLE, BILL MACKIN, JOHN WINSLOW, JOHN GEE, MANAGERS GERRY DUDEK AND BENJI ROSEN

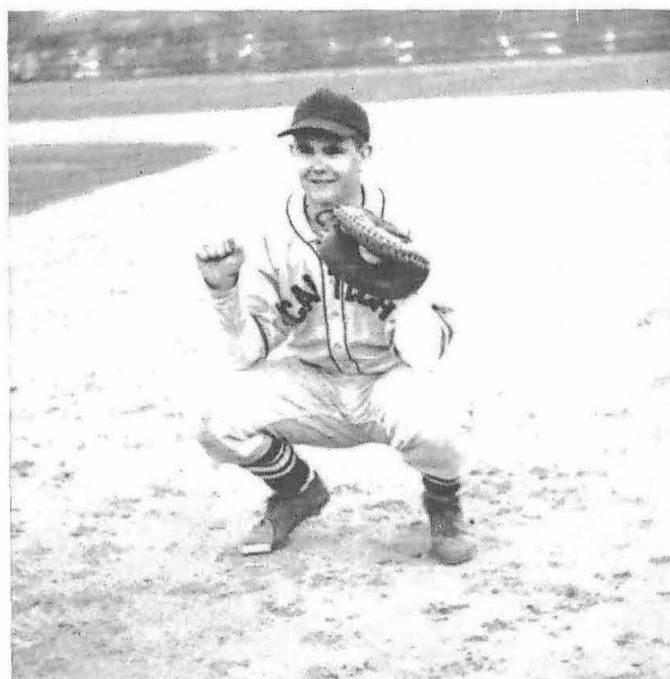
Second row: BILL PETERSON, CARL SAUER, AL JOHNSTON, DEANE SMITH, GEORGE MACDONALD, DOUG INGLIS, ROCKY KEIR

Front row: RON WILLENS, JACK WALKER, BILL WISE, BILL AUTREY, DICK WAGENSELLER, BABE KARASAWA



BABE KARASAWA

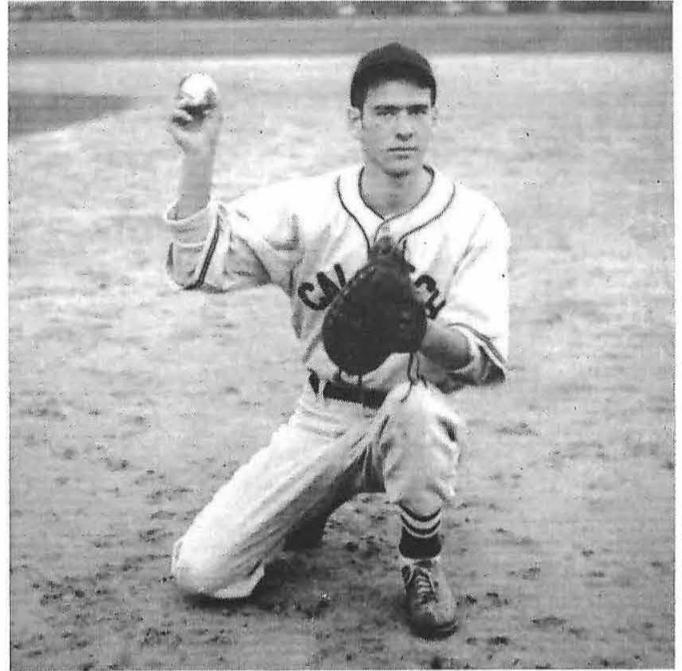
DEANE SMITH





DAVE KOONS

DOUG INGLIS



BASEBALL

RON WILLENS



JACK WALKER

BASEBALL



BILL AUTREY



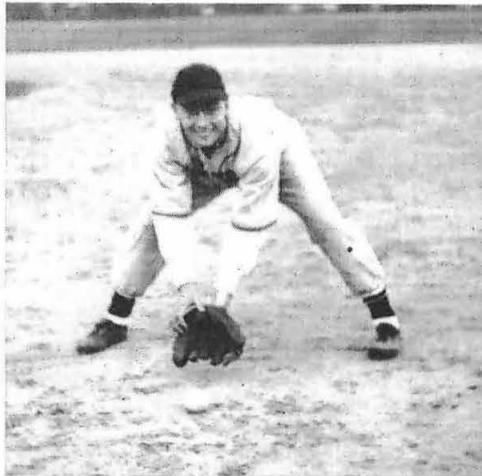
DICK WAGENSELLER



JOHN WINSLOW



ROCKY KEIR



BILL WISE



Back row: ROD SUPPLE, LEE GARDNER, JOHN AMES, GEORGE PATRAW, PAUL CRAMER, SHERMAN BUTLER; Front row: COACH PETE MASON, PAUL AAGAARD, JIM LATOURRETTE, BILL PILKINGTON, DICK DICKINSON; Not Pictured: JOHN FORGY, DAVE CROTHER, MANAGER DON SUTTON



CROSS COUNTRY

There's a Long Long Trail a-Winding



Back row: COACH BERT LABRUCHERIE, VAN WALKLEY, GEORGE PATRAW, DENNY RIGGS, DON TAUTZ, JIM KLIEGEL, WALT PILANT, DICK HODGES, PAUL CRAMER, GENE KAISER, JIM TYLER, PETE MASON; Second row: LEE GARDNER, KEITH CAMPBELL, BRUCE KAISER, GIL KITCHING, ROD SUPPLE, LORAL DECKER, BRUCE MÜNN, JOHN LLOYD, RENNY GUTIERREZ, LARRY SPICER; Front row: ALAN BRADY, DAVE STEVENS, PHIL LEE, SAM SIMS, PAUL AAGAARD, MOOSE HENDERSON, AL JOHNSON, BILL IRWIN, JIM LA-TOURRETTE

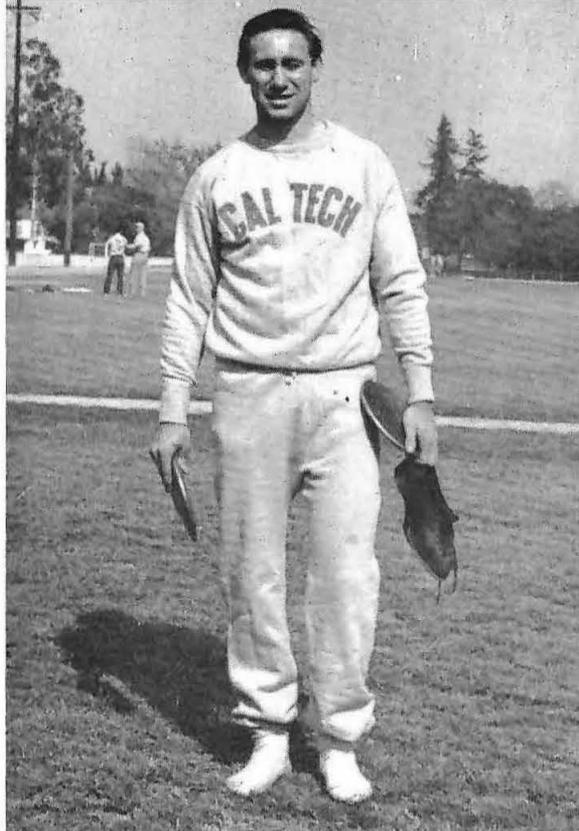
BERT LA BRUCHERIE



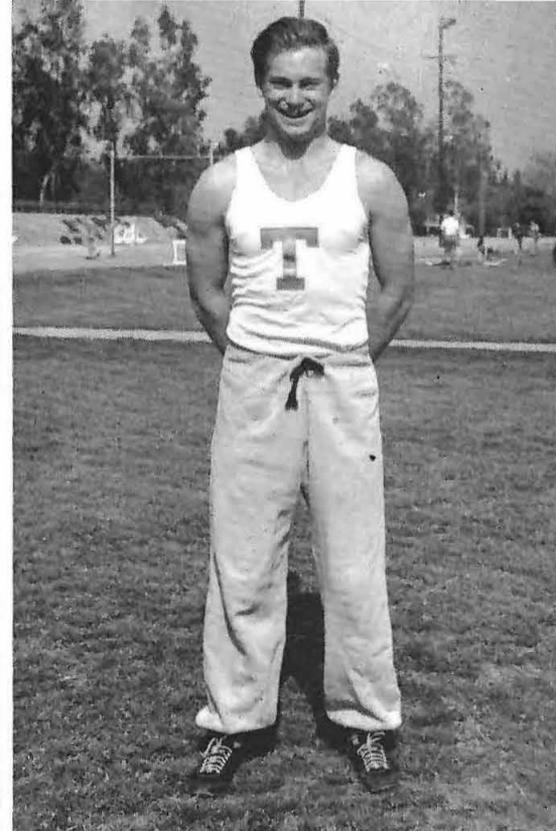
TRACK



DICK DICKINSON



HAL WOODY

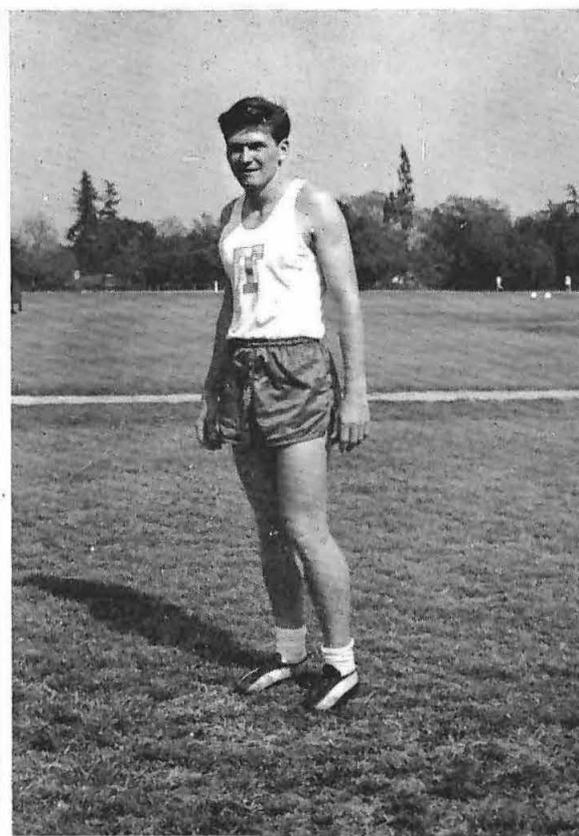


JOHN LLOYD

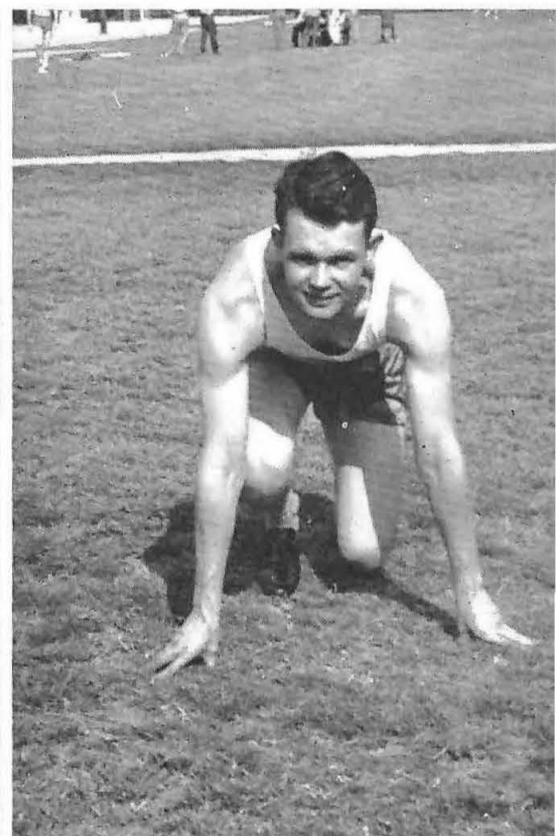
BILL IRWIN



AL JOHNSON



PHIL LEE





RENNY GUTIERREZ



MOOSE HENDERSON



DON TAUTZ



BRUCE MUNN

LEE GARDNER

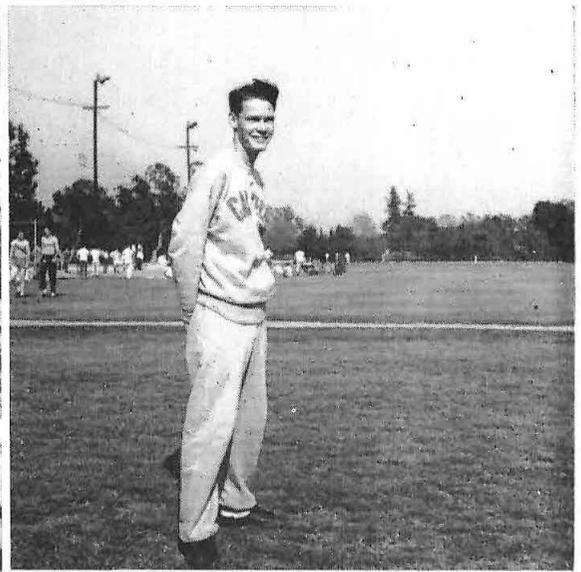
JIM KLIEGEL



TRACK



DON TAUTZ



ROD SUPPLE



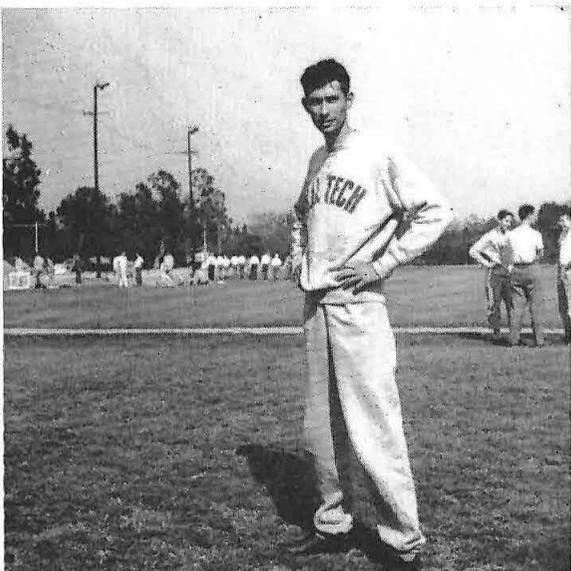
JIM LATOURRETTE



PAUL AAGAARD

DICK KNAPP

DAVE STEVENS



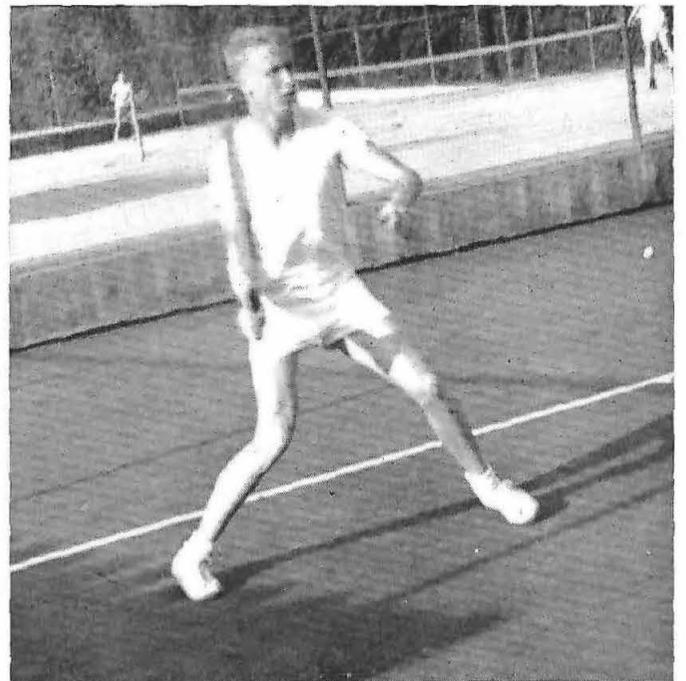
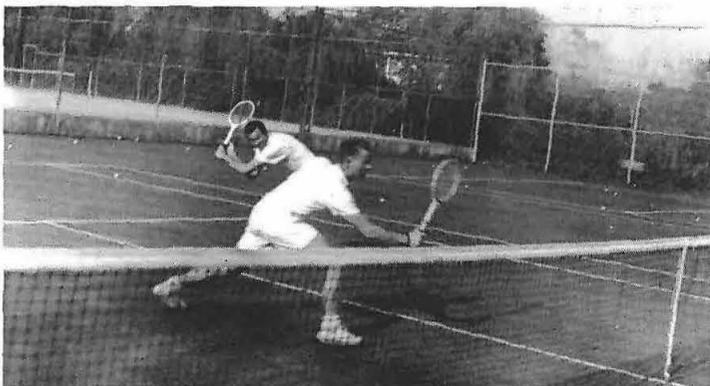


Back row:: COACH JOHNNY LAMB, ALVA YANO, PALMER SMITH, MARVIN HYMAN, ERIC WARD, DICK SCHMID, PHIL POTTER, ROGER BAIER

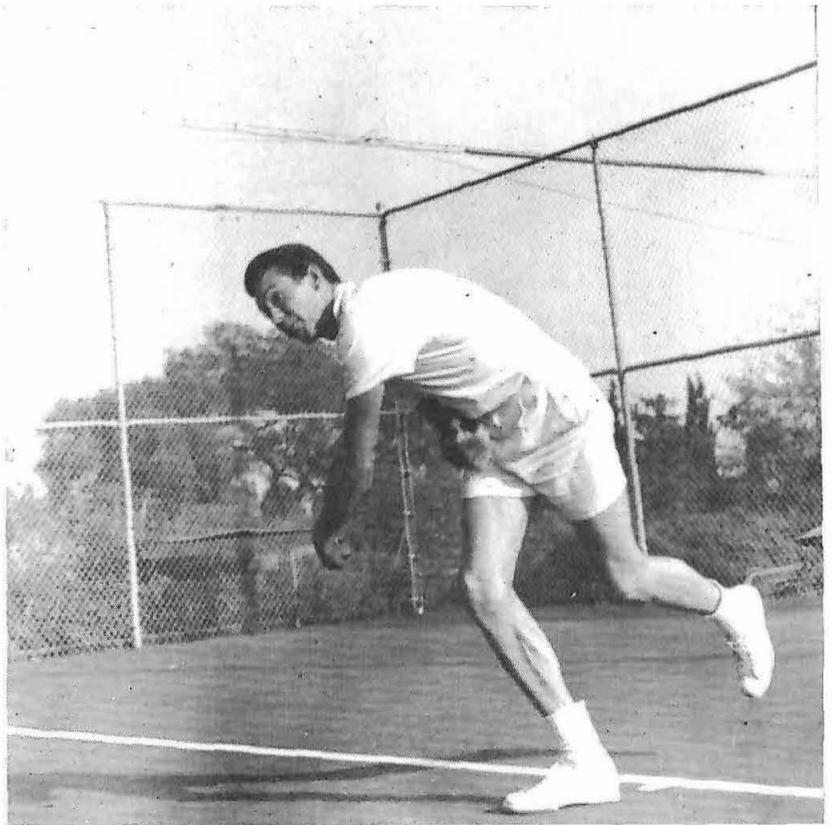
Front row: BEN DAVIS, DON BORAD, FORREST HANVEY, GIL BEEBOWER, TOM EMERY, BOB WOOD, JIM LAFLEUR, LARRY SCHWARTZ

TENNIS

HANVEY AND LAFLEUR

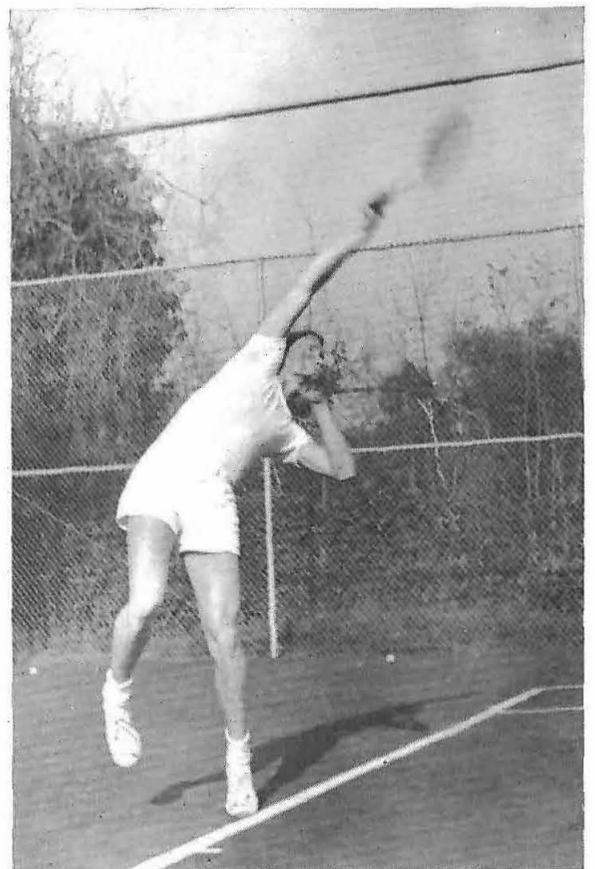
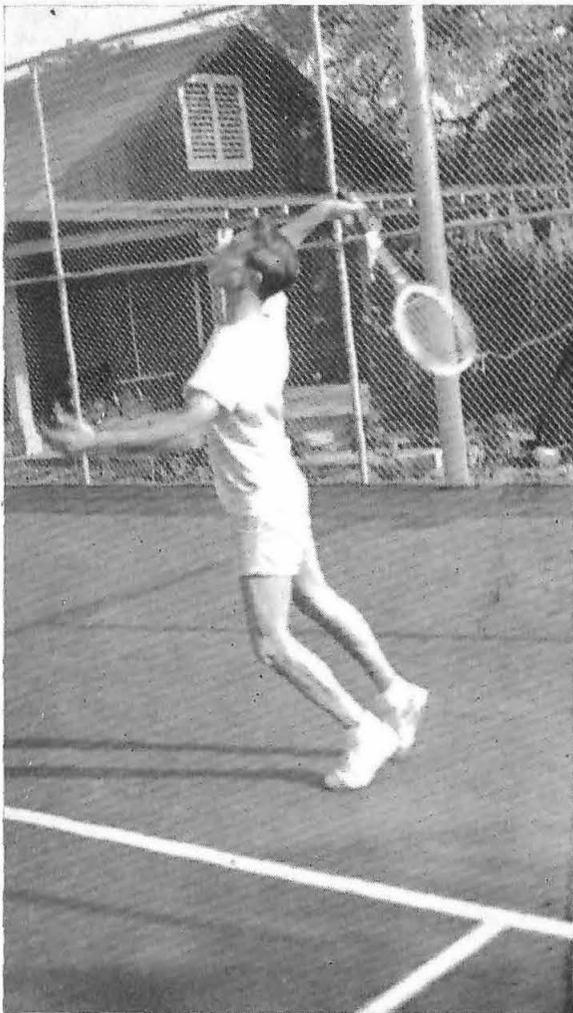


ERIC WARD



JIM LAFLEUR

TOM EMERY



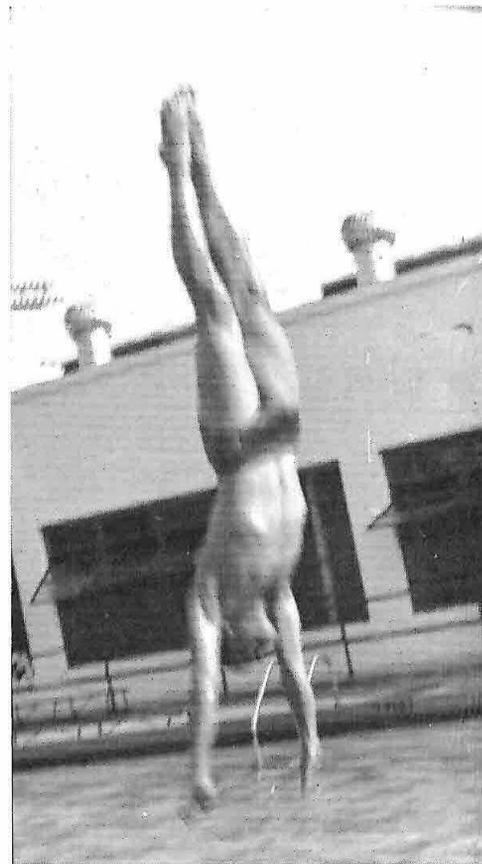


Back row: PHIL FISHBERG, NORM ELLETT, MORGAN OGILVIE, AL HAIRE, BLAKE WALLACE, MANAGER BOB SMITH, COACH DON GARMAN, Front row: ED BRYAN, JOHN BUSH, PEEWEE ROBERTS, DON BARNES, DICK VON HERZEN.

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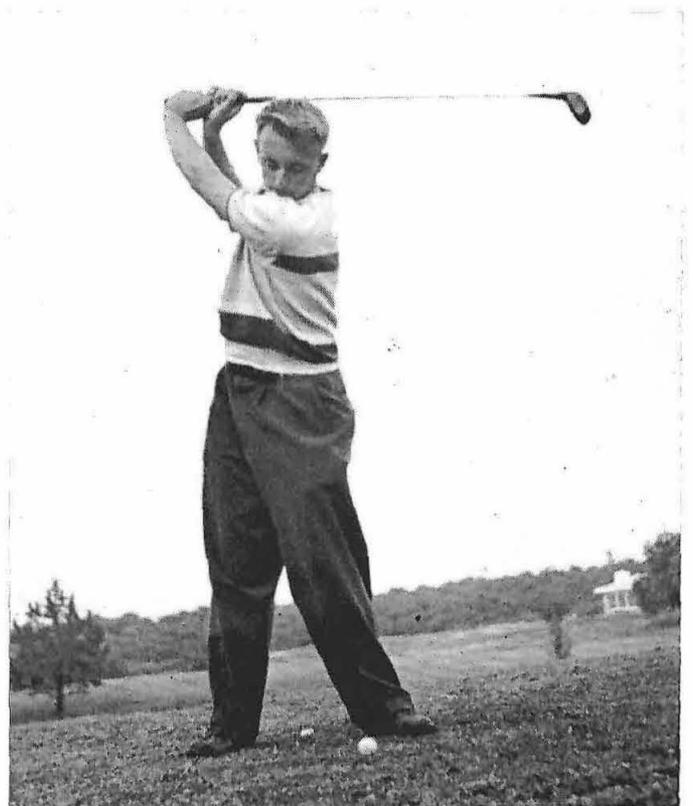
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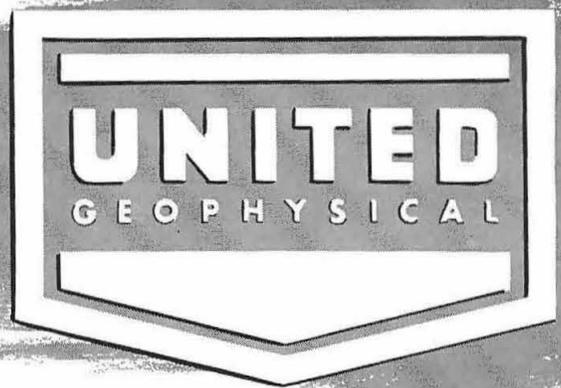
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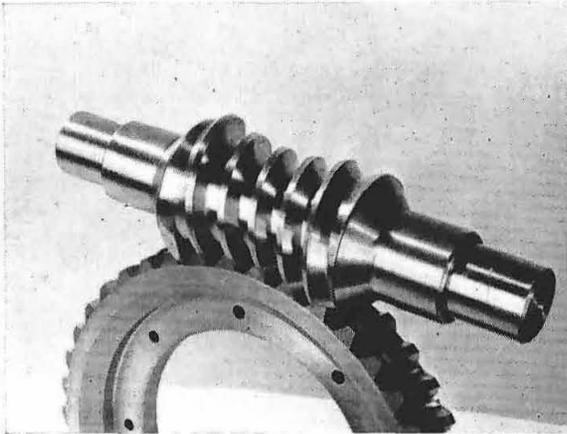
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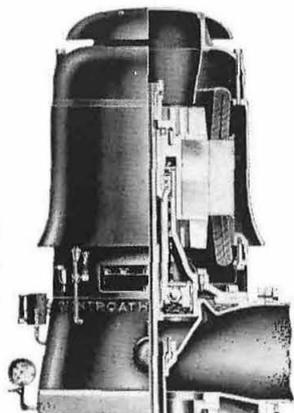
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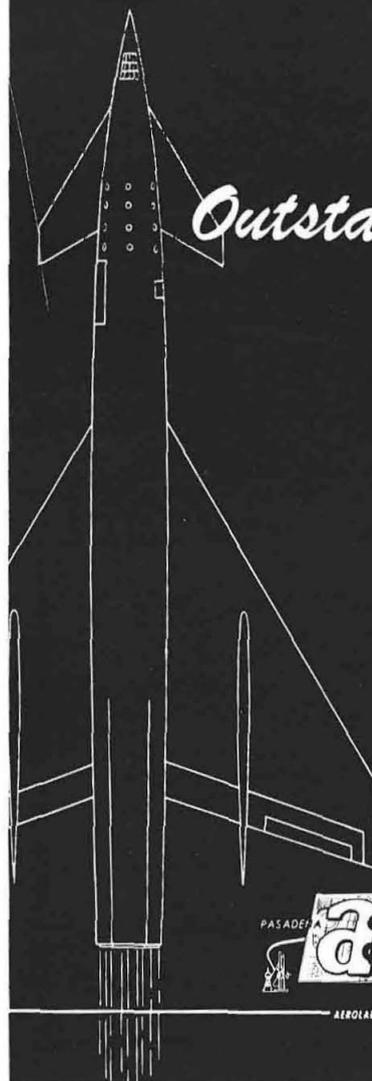
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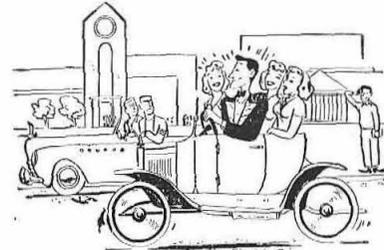
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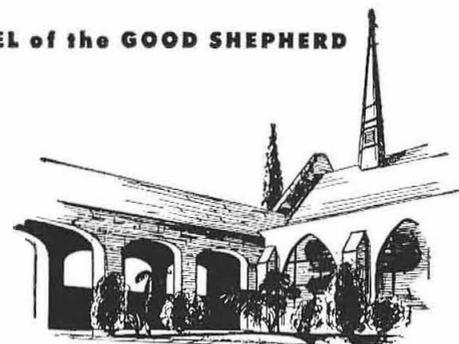
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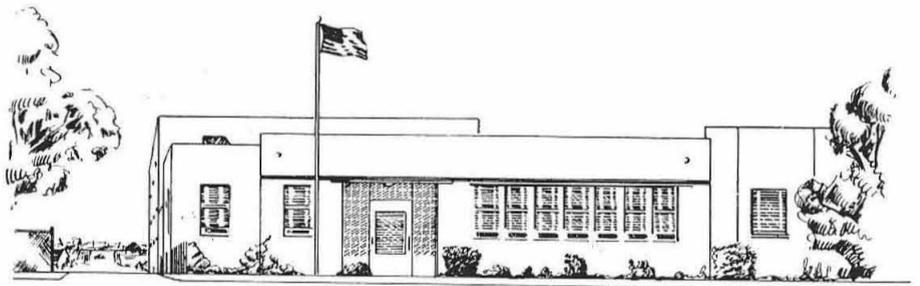
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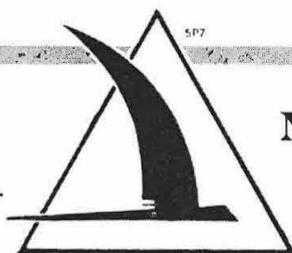
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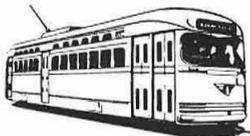
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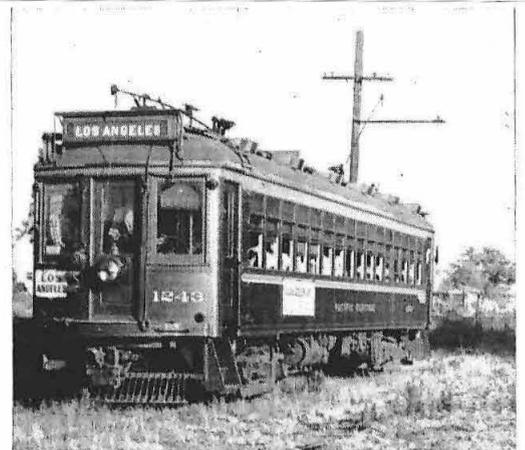
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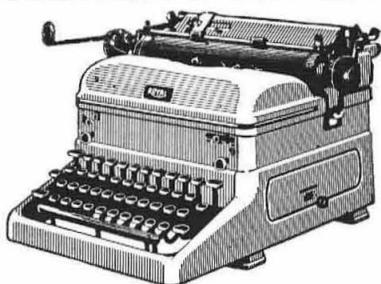
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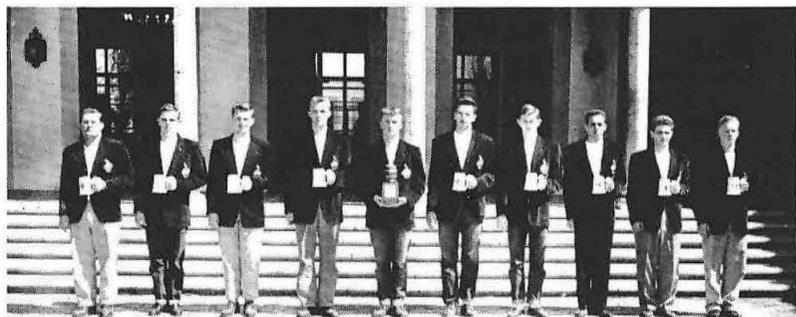
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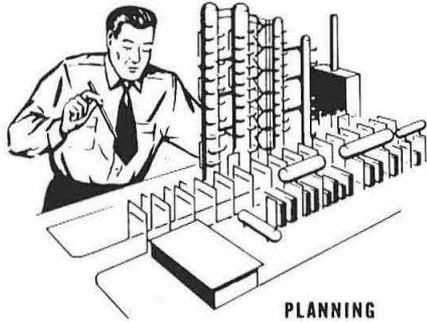
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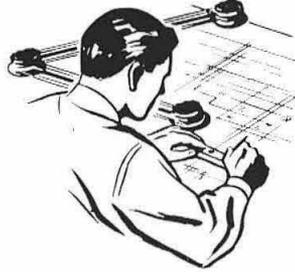
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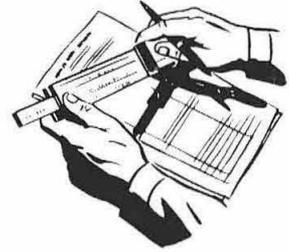
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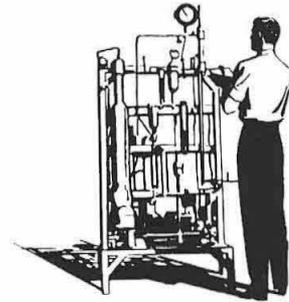
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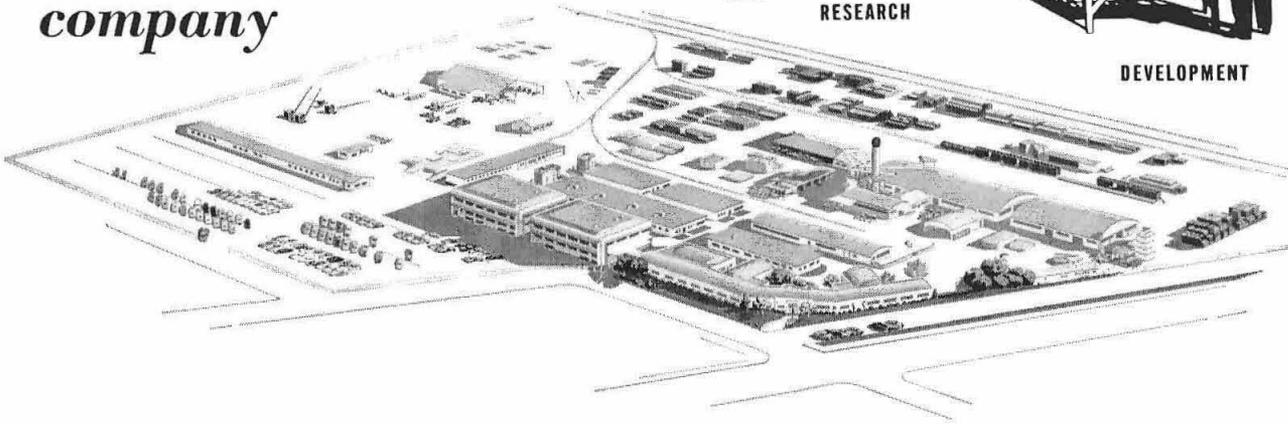


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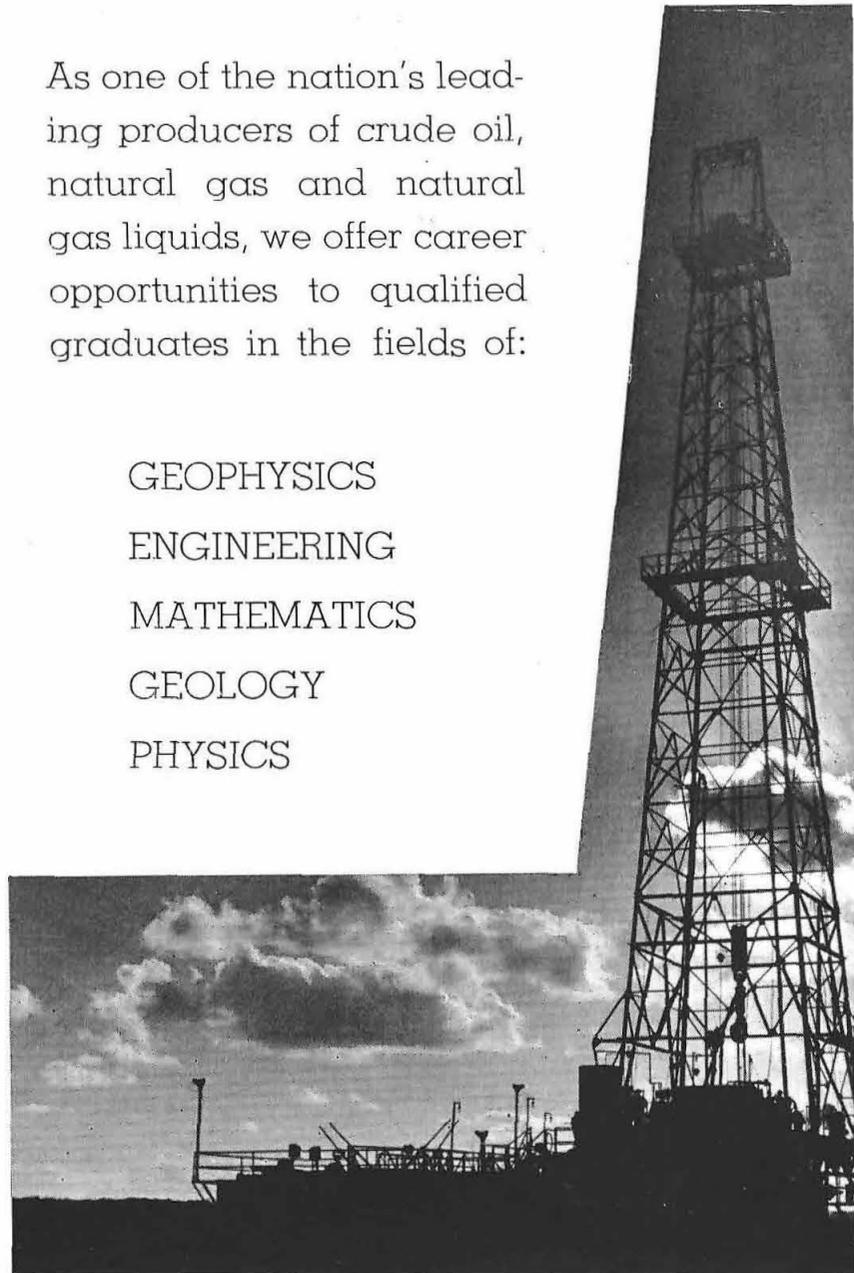
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