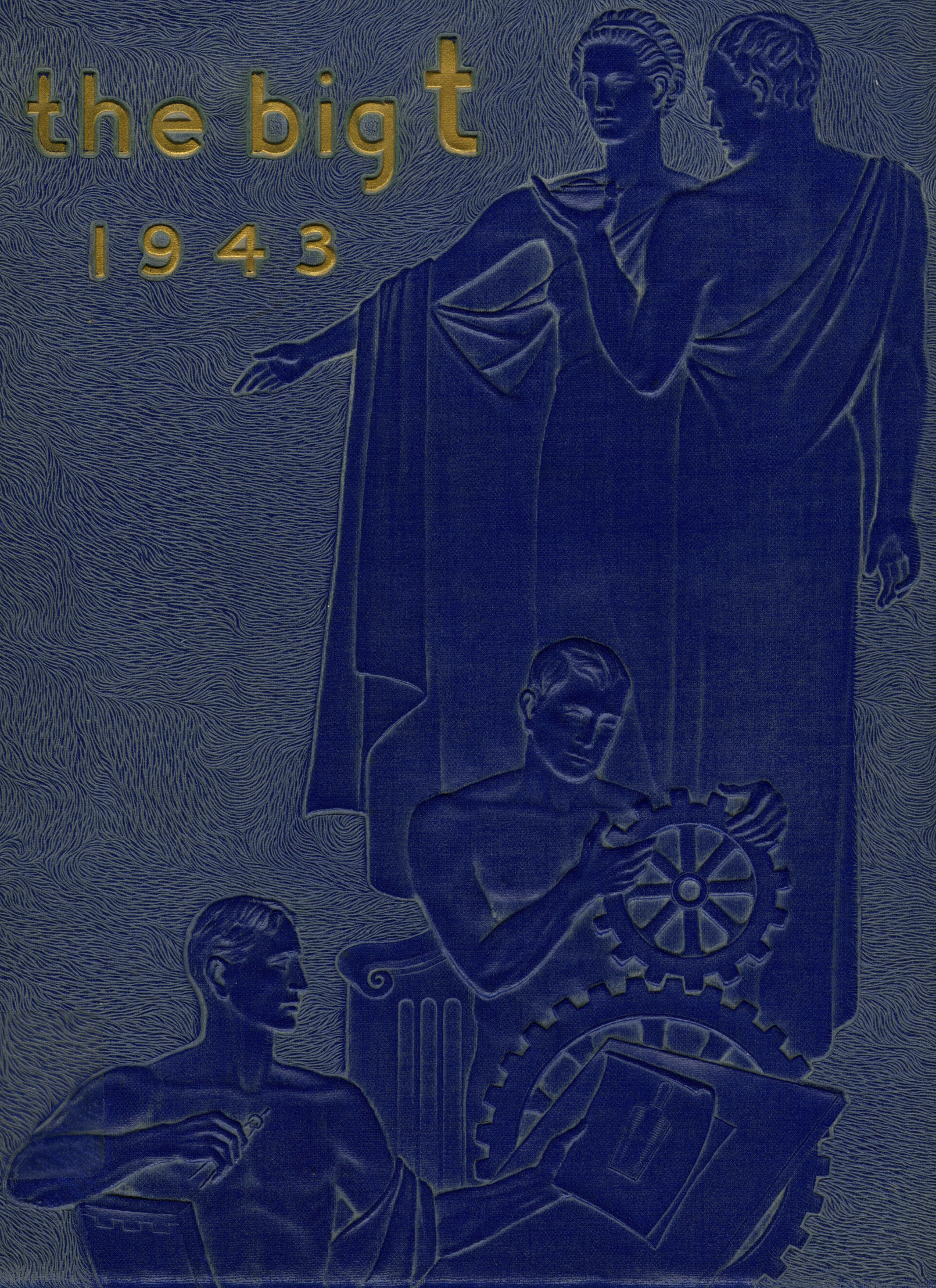
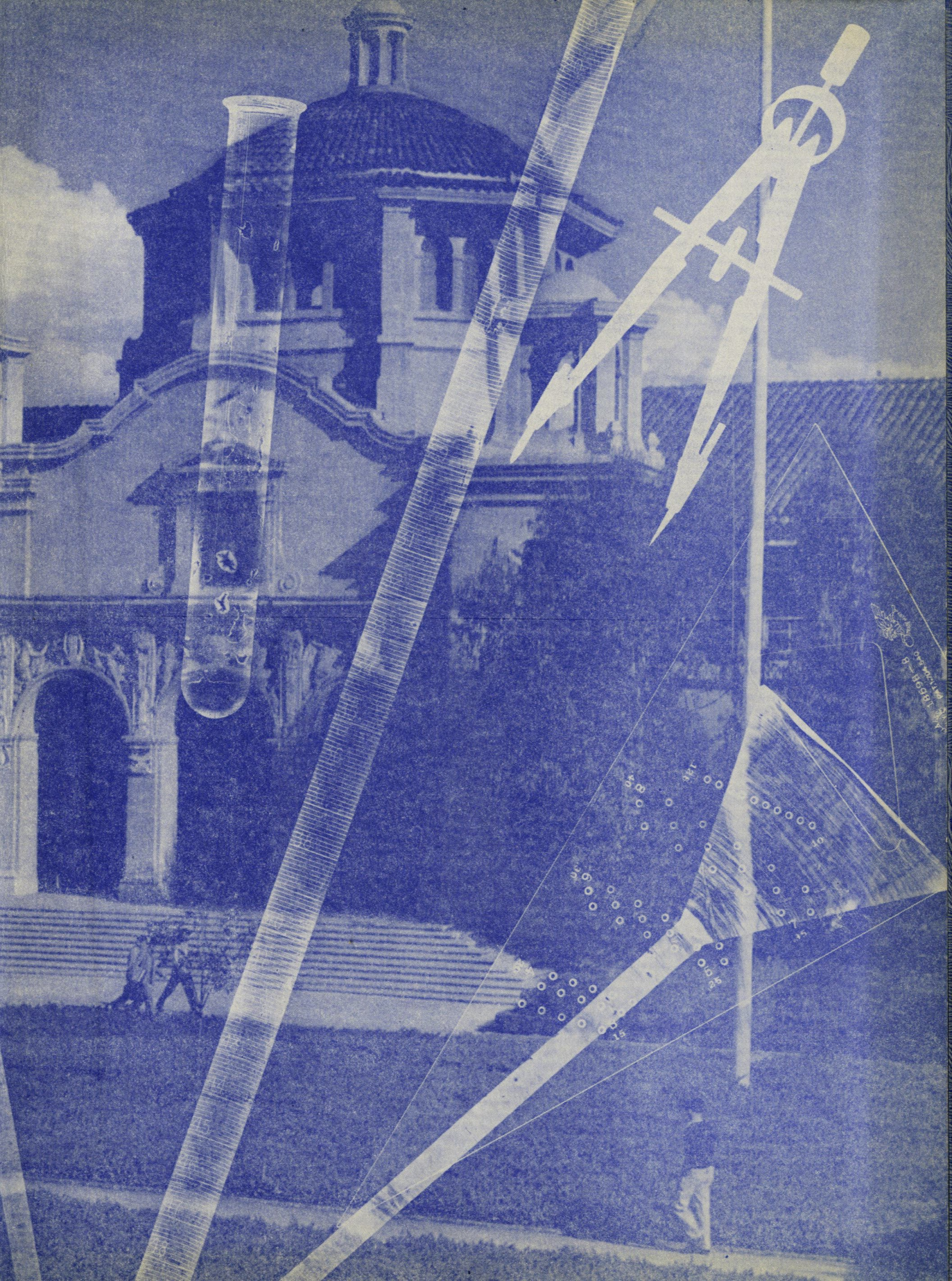


the big t

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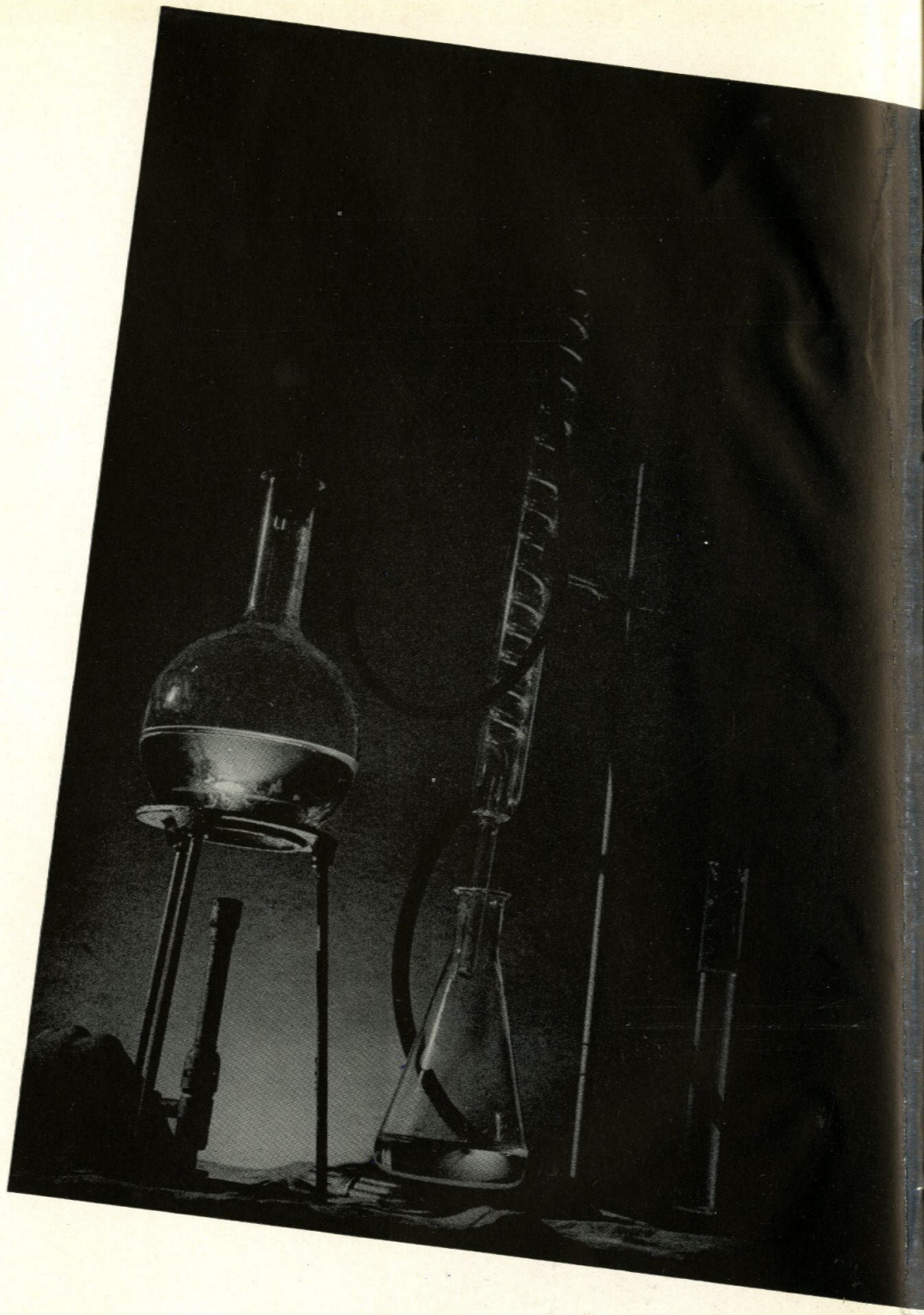






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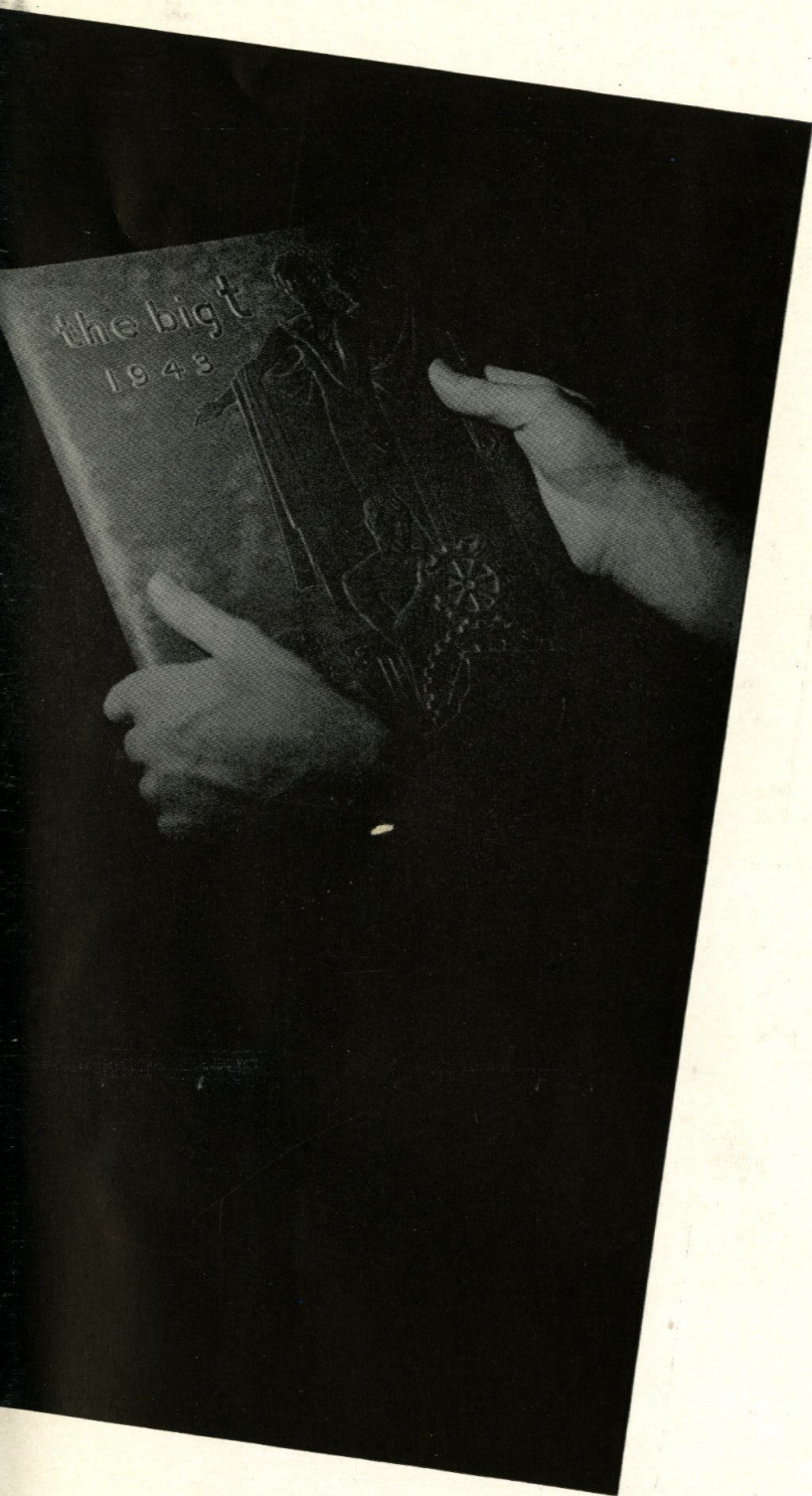




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CALIFORNIA INSTITUTE OF TECHNOLOGY
PASADENA, CALIFORNIA

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EDITORS

BEN NEVILL

ROGER BATE

PHOTOGRAPHER

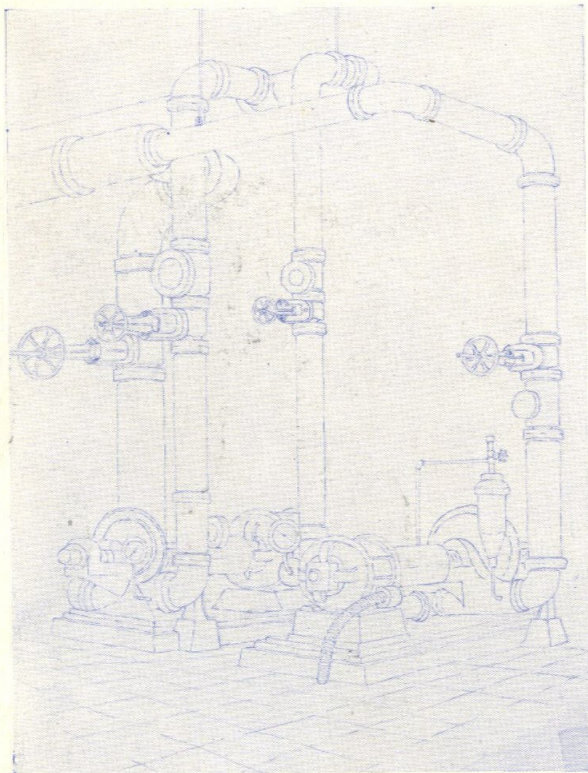
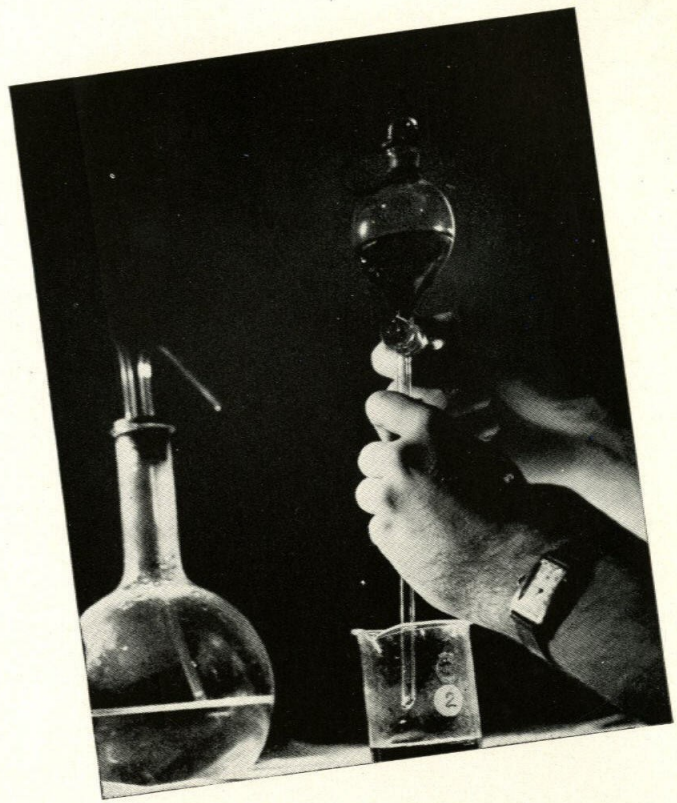
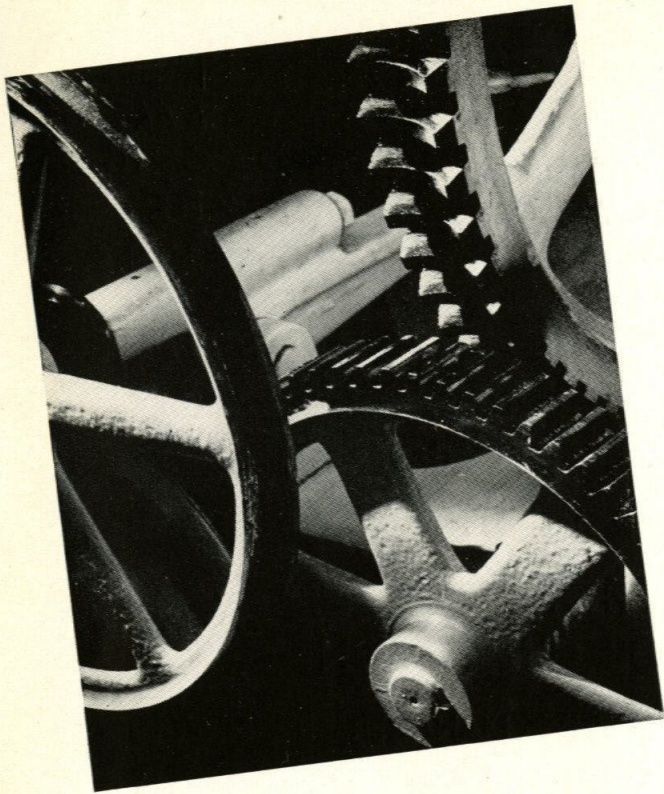
BOB GUSTAVSON

BUSINESS MANAGER

BILL FAIR

h e b i g t

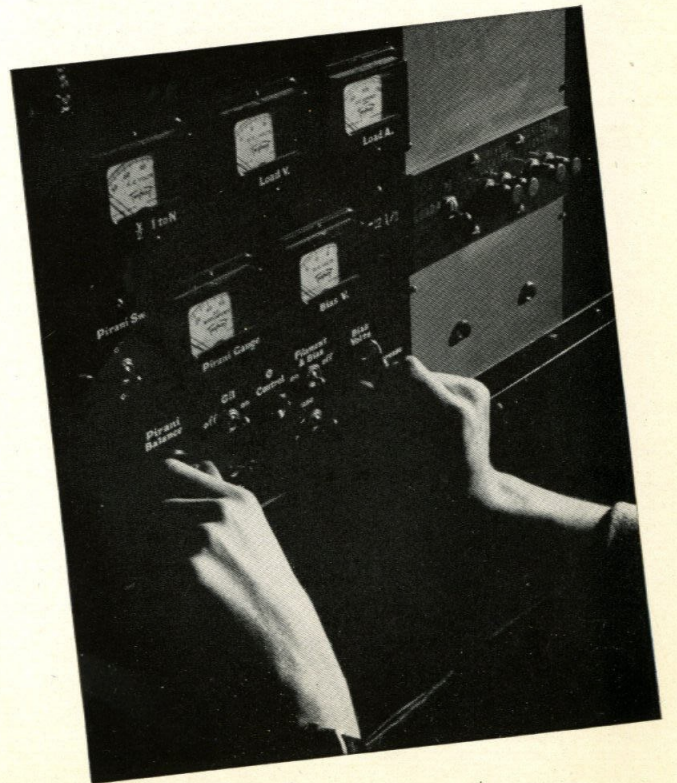
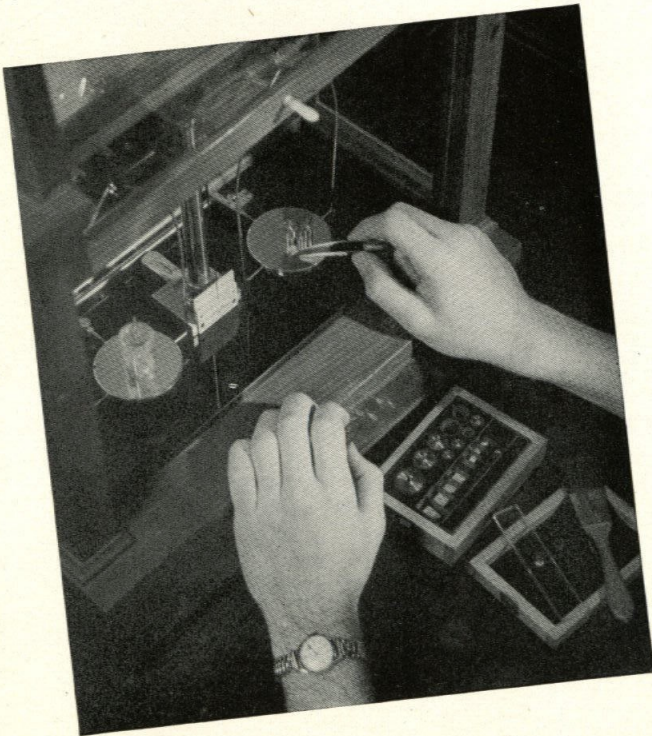
nineteen forty-three



f o r e

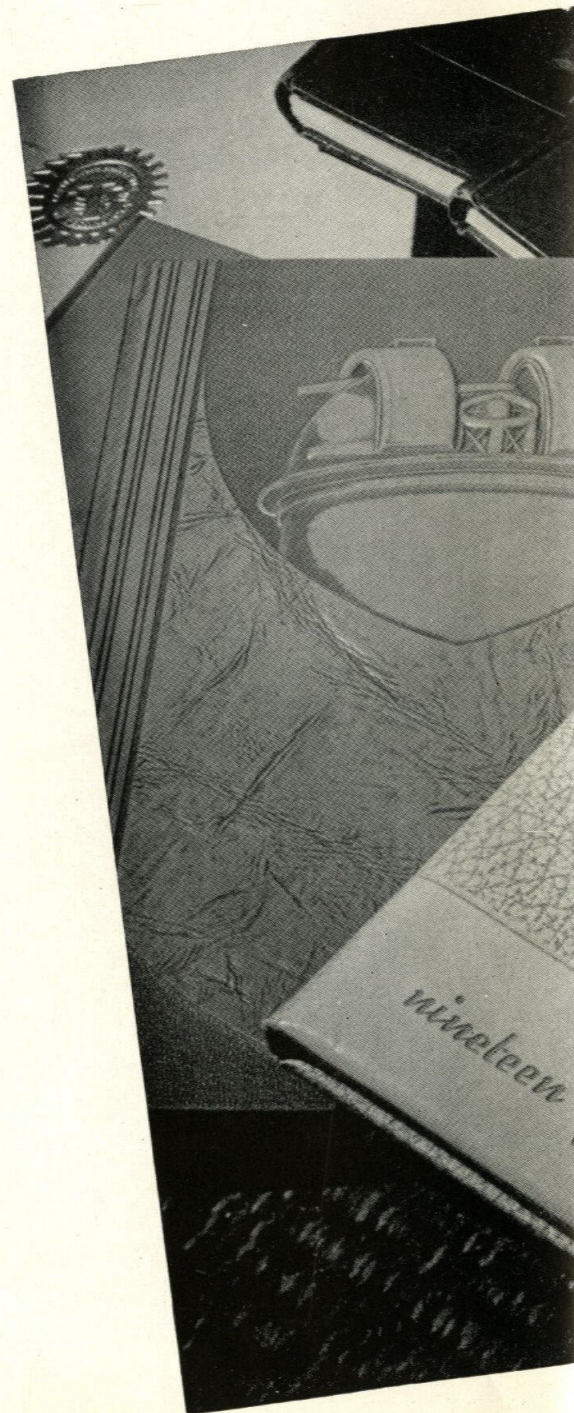
Through the eyes of the camera and the power of the written word, this book attempts to relive the life of the students on the Institute campus. As the years pass by with mounting rapidity, may these pages serve to remind us all of the joys, of the toils and anguishes, of the lasting friendships which have characterized our study. Only through diligent effort and the unfaltering desire for progress can we extend to the future the debt we owe for this, our priceless gift.

w o r d



dedication

With the war effort fast bringing student life activities to a close, we dedicate this book to all former Big T editors who, with untiring effort, have sought to mirror in picture and word the events of each school year. To them we extend our sincere gratitude and appreciation.





in mem

ALLAN C. BALCH

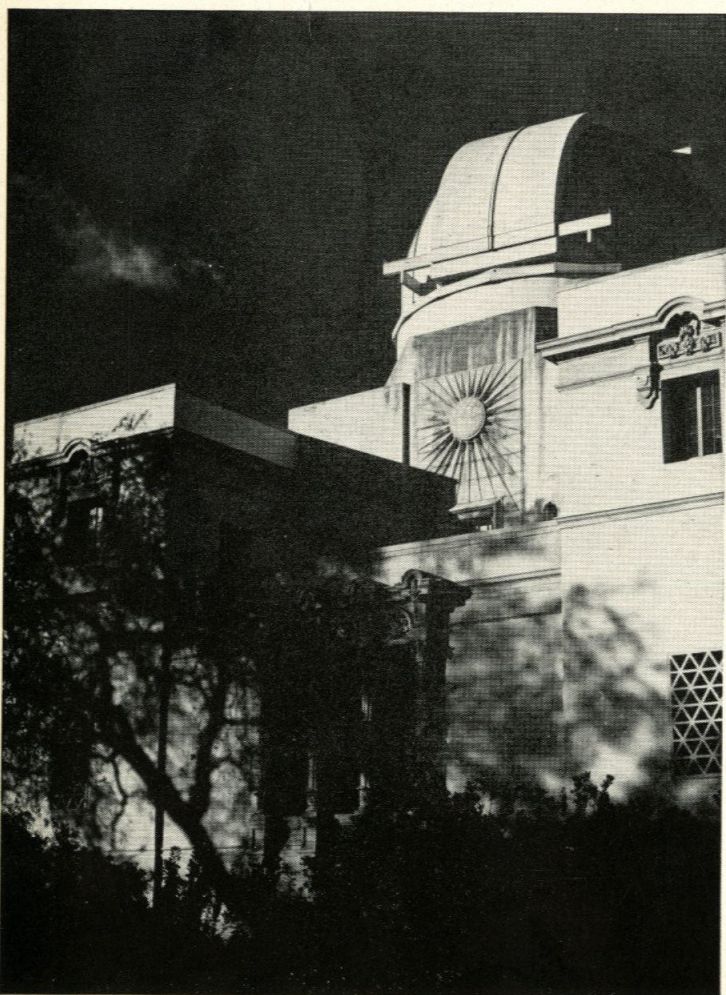
JACK C. ANDERSON

ROBERT W. WILMOTH

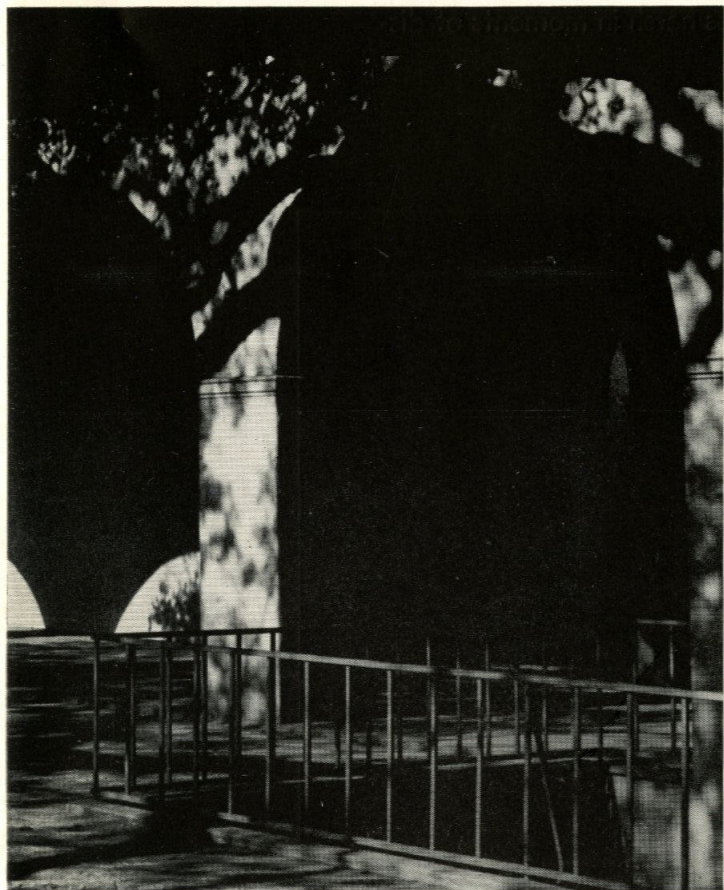
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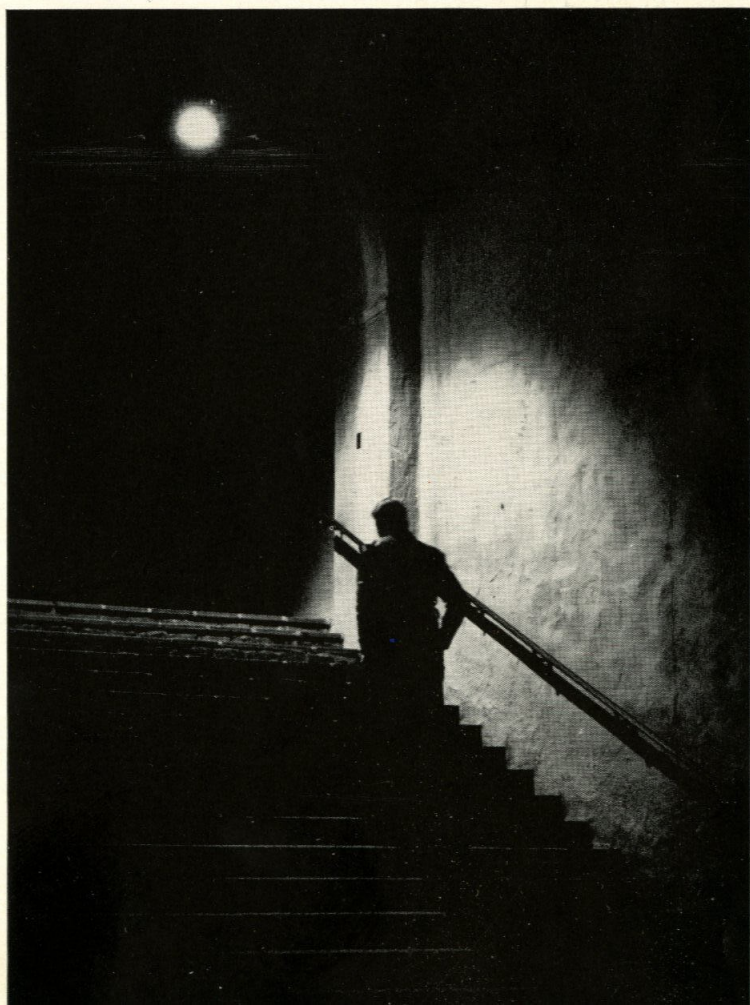
our campus



Thirty acres of well planted ground dotted with twenty-two buildings comprise the campus of Caltech. A place of well planned outward beauty, it bears beneath this surface a profound meaning. The orderly well kept fullness of this small area of Pasadena is a tribute to the belief in science of the men who have generously contributed its buildings and grounds. Men who have here prepared to contribute to progress will long remember it and its elements of beauty and tradition. To the outside world, here compacted into a thirty acre space is a mighty intensity of thought, achievement, and magic.

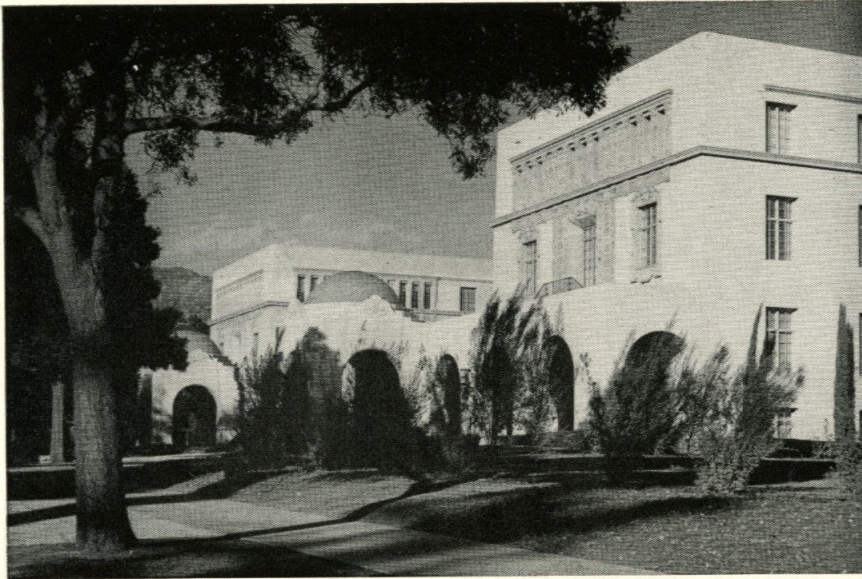


The library is a good place to go to study at night. Though the campus is the place where many good times are had, it will be remembered by all its graduates as a place where there was work to be done, work that didn't cease at sundown.



An oak that is older than the school itself stands beside one of the newest buildings. The oaks that dot the campus, the olive trees that line the approach to the Athenaeum, and the cypresses which add a neatness to the faces of the Biology and Geology buildings give beauty and friendliness to Caltech. Their touch of gracefulness to the surroundings helps to make the struggle with learning less harsh in moments of discouragement.

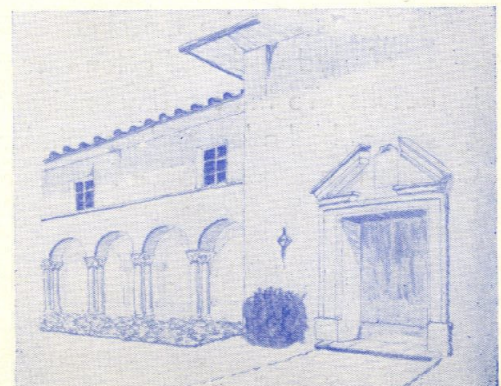




Kerckhoff Biology laboratories and Seeley W. Mudd Geology building, most recent of the campus' buildings, were completed in 1938. They are symbolic of the continuous growth which has taken place at Caltech since the first of the present buildings, Throop Hall, was built in 1910.

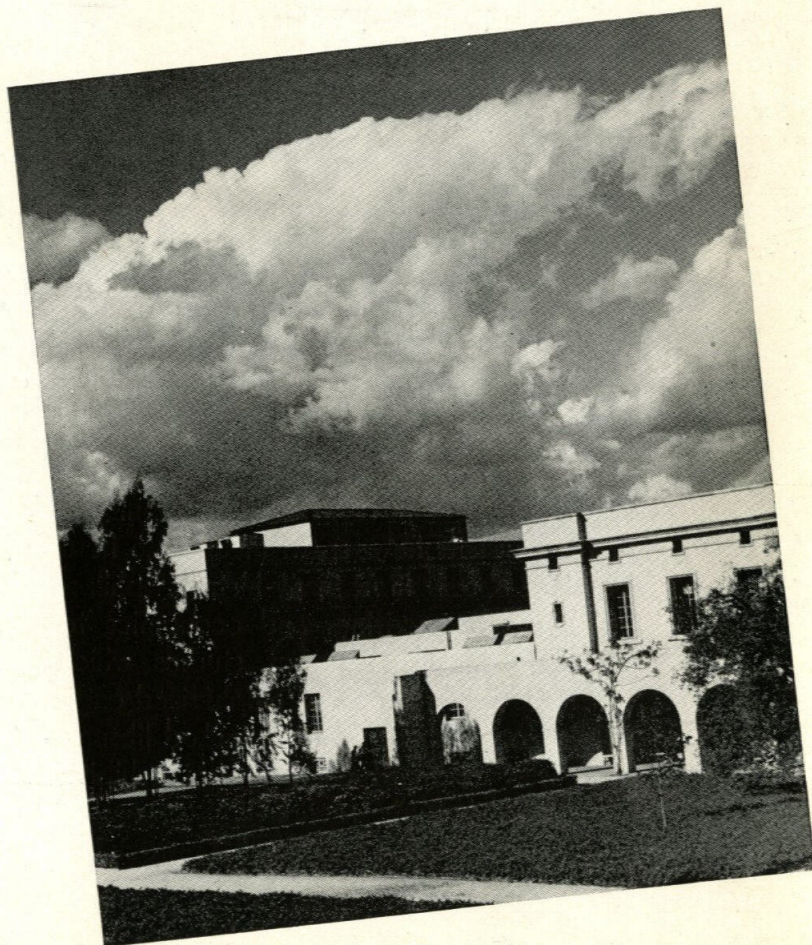


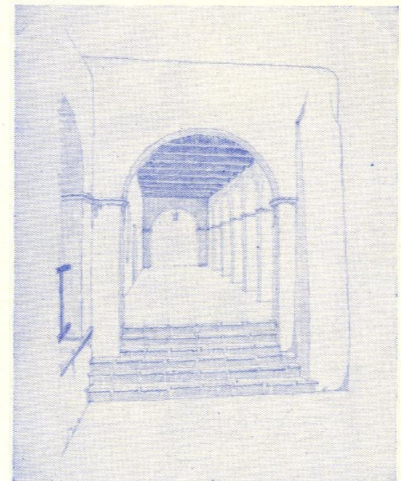
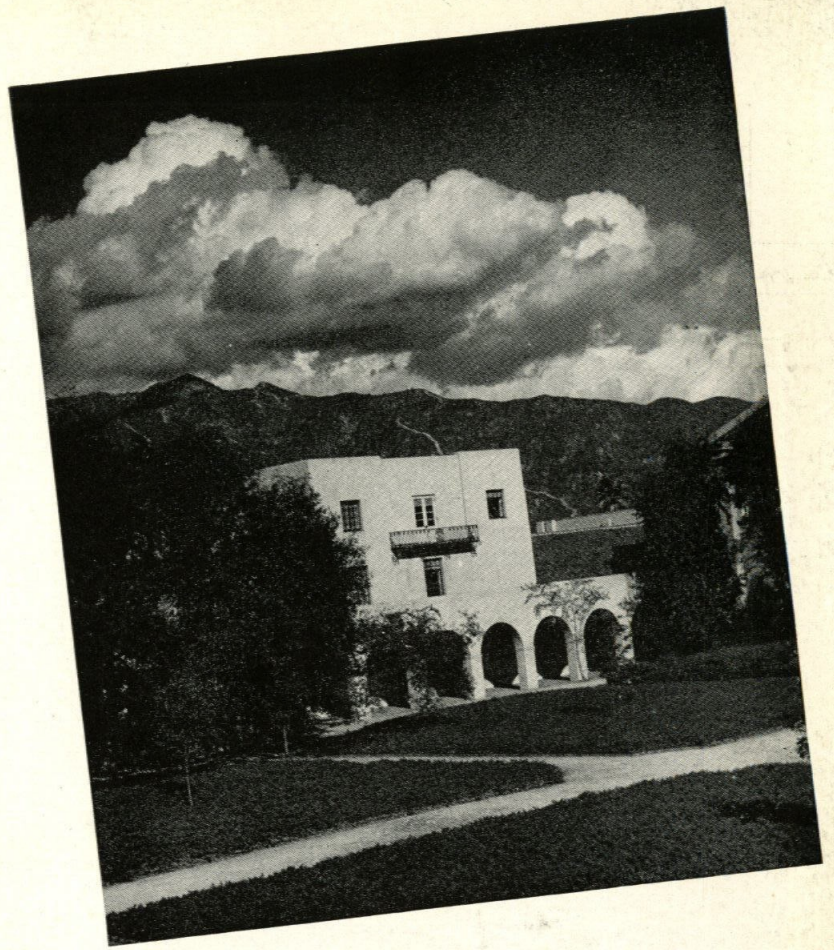
Dabney Hall, the humanities building, is symbolic of a well rounded education. All of the students have spent much time here learning about literature, history, philosophy, creative writing, and economics to complete their courses of studies which otherwise might have overemphasized engineering or science. A well stocked library, a treasure room of changing art exhibits, an extensive music record library, and a comfortable lounge are much appreciated features of Dabney Hall.



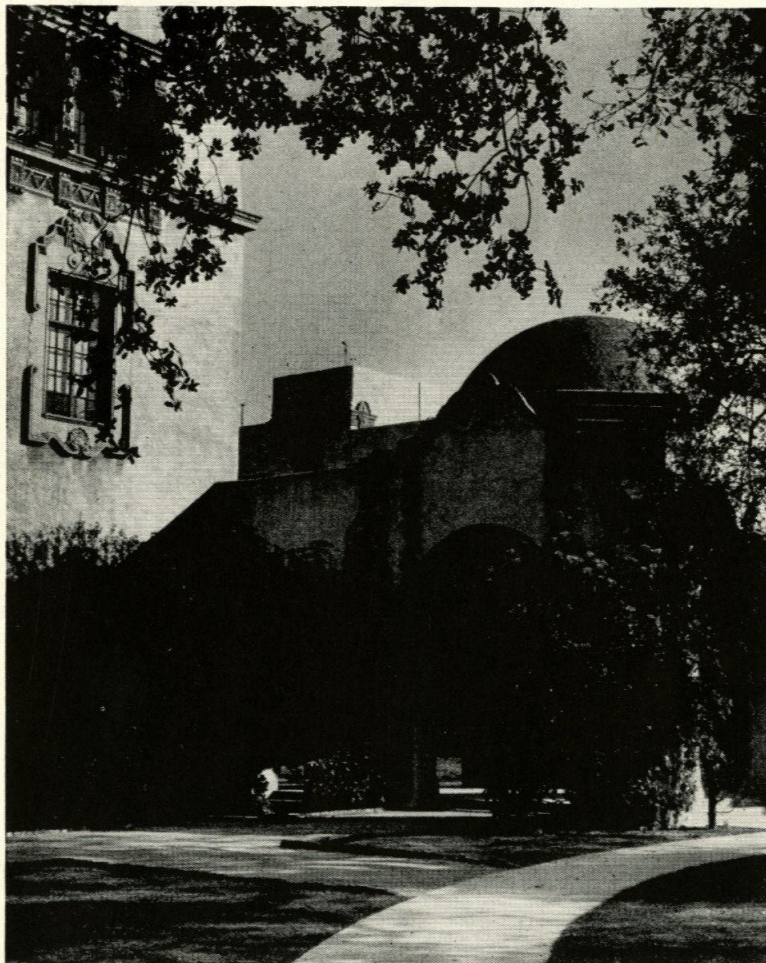


Gates, the Chemistry building, has been the place of mixed horseplay, work, and grief to the freshmen who have all taken Chem lab. To the chemists it's a place of hard work and often discouraging results. To the scoffing engineers it's a place of bad odors and a reminder that Caltech is a school both of Science and Engineering.

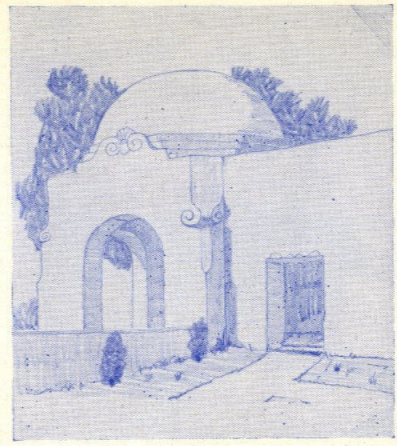


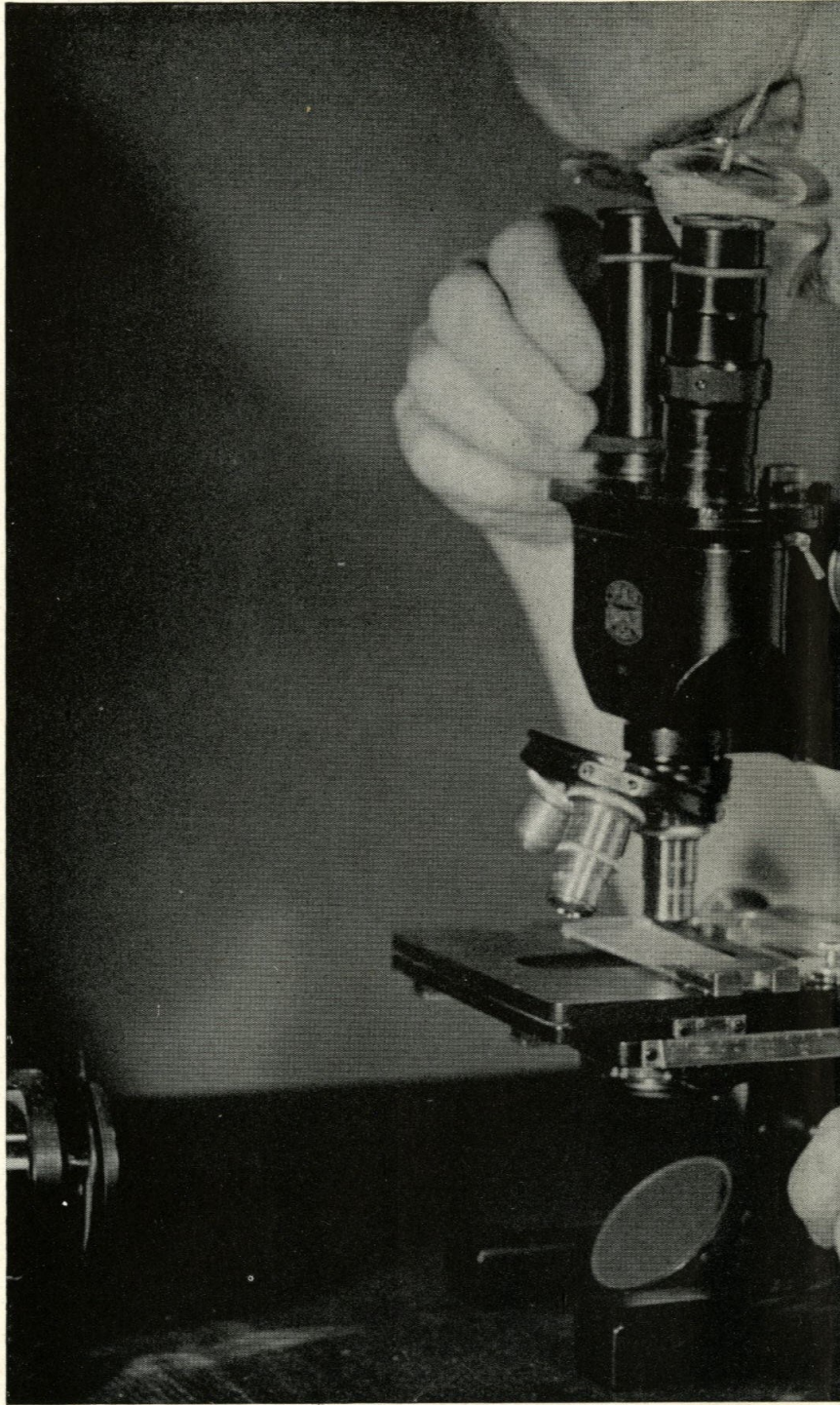
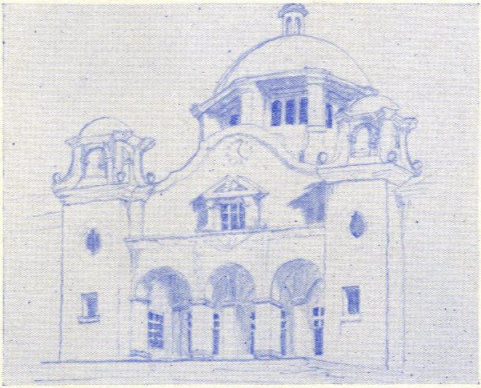


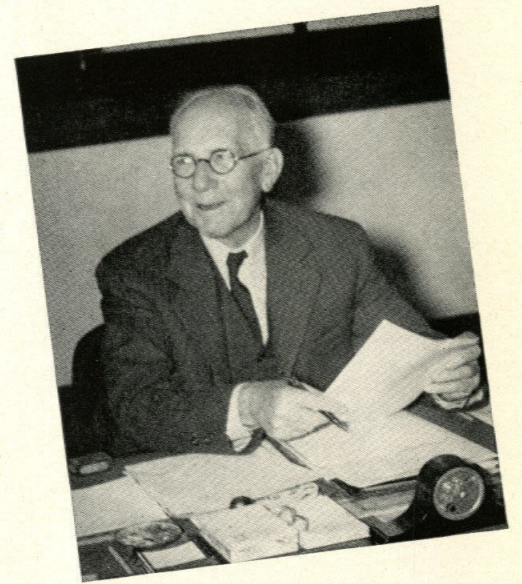
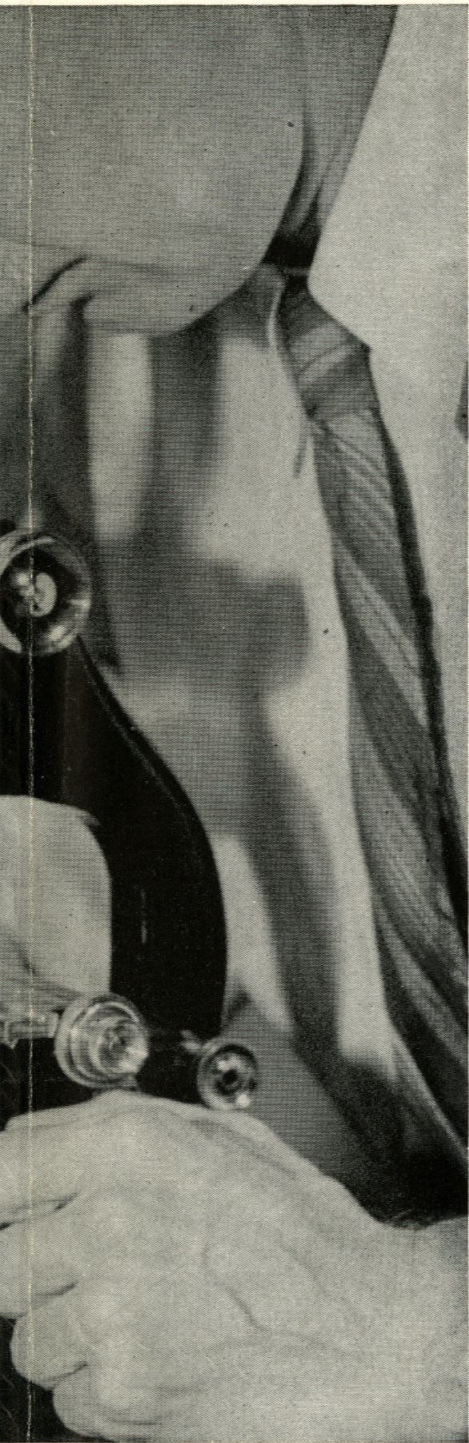
Close by this attractive portion of the west end of the grounds, a good view of the entire inner west portion of the campus can be seen. The newer buildings lining either side of the green approach to Throop, the doomed original building of the Institute, have a unity of planning which sets the campus apart from other colleges and universities.



Designed in an attractive Mediterranean style of architecture, the student houses are perhaps the friendliest association which many will have with their college days here. Planned by a group of students who toured the United States and Europe in search of ideas and bought with generous endowments of Institute Associates, the student houses are self-governed fraternal organizations which carry on a spirited rivalry among each other and account for much of the planned and unplanned social life of the campus.







administration



EARNEST C. WATSON
Chairman of Faculty Board

HARVEY EAGLESON
Director of Student Houses

FREDERIC W. HINRICHS
Dean of Upper Classmen

Acting as Dean of Upperclassmen is Frederic W. Hinrichs, whose personal bearing inspires confidence in all those who seek his counsel. To his regular duties have been added the problems of requesting deferments for some students and assisting others in joining the reserves through special military programs.

Registrar, Dean of Sophomores, Chairman of Admissions, and Professor of English are titles belonging to Louis Winchester Jones. To these we might add Master of Humor. The critical problem of allowing draft-age men to enter Tech as freshmen, the questions of student enlistment and the housing and feeding of Army and Navy men have occupied the major share of his time.

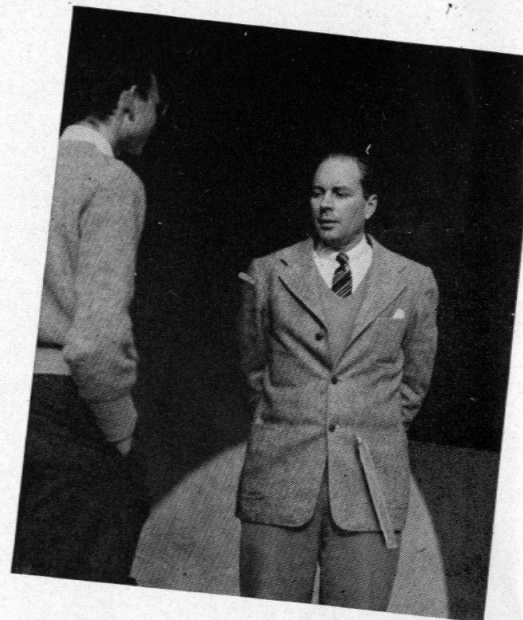
A man of great understanding is Dean of Freshmen Ray E. Untereiner. His natural gift for getting on with young people is utilized in connection with problems facing the beginner. In pre-war days he traveled across the continent to interview prospective freshmen. Many juniors and seniors will remember him in this capacity.

Physicist-historian and ever an important figure on the campus, Earnest C. Watson has been forced by present urgencies to devote an increasingly smaller fraction of his time to normal duties. Students will regret having less contact with him.

As director of student houses Harvey "Doc" Eagleson started the year with a bang by outlawing for the duration Frosh hazing, Formal dances, and Fleming water fights. Other social functions have been encouraged, however, the purpose being to direct the Techman's fun along more constructive lines.

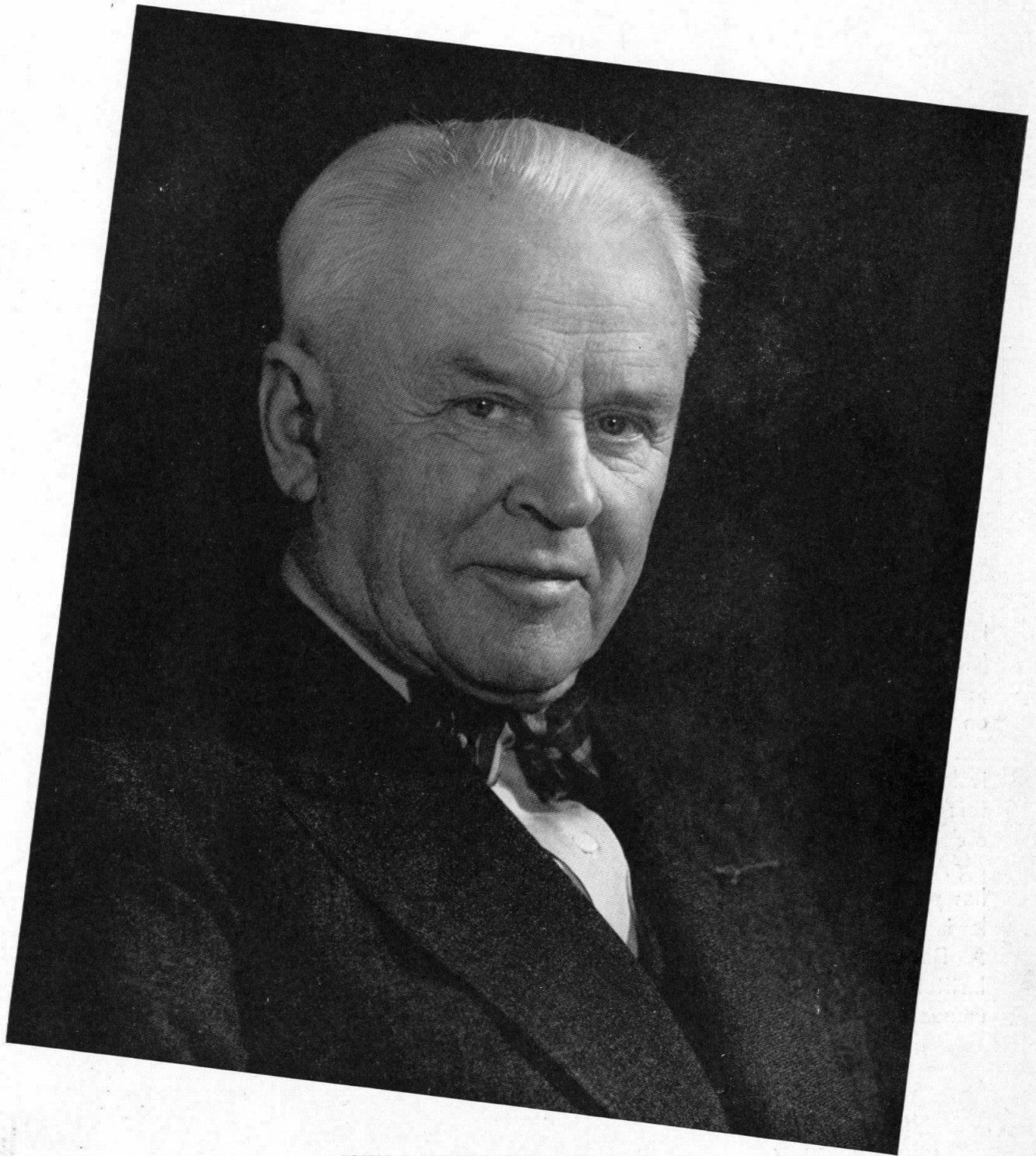


RAY E. UNTEREINER
Dean of Freshmen



L. WINCHESTER JONES
Registrar

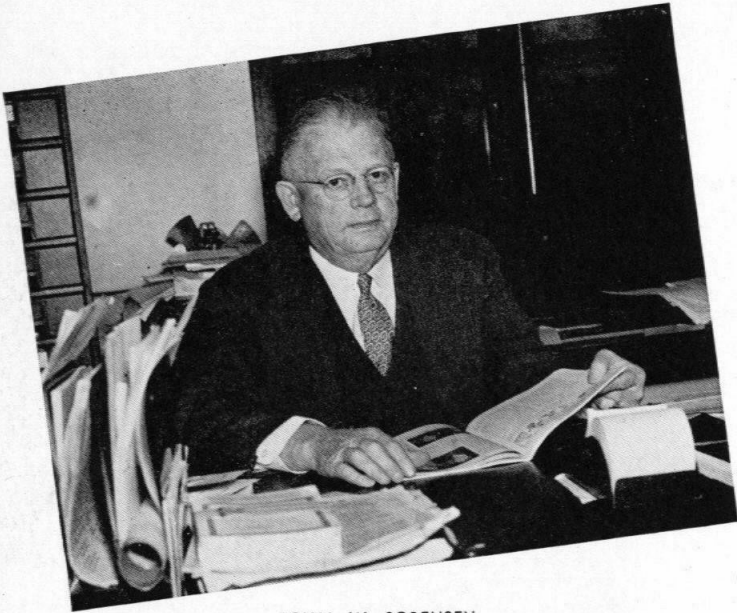
EXECUTIVES



ROBERT A. MILLIKAN, Chairman Executive Council

The tremendously important task of heading the Institute in war time is that of Robert Andrews Millikan, Chairman of the Executive Council. The expanding activity of Caltech has greatly enlarged the scope of his responsibility. A great many war projects are now being carried out on the campus. Large groups of men from the Army and Navy are engaged in special training in meteorology and aeronautics. Over a thousand men and women are engaged in Engineering, Science, and Management War Training courses during the evenings. Portions of the faculty have been scattered throughout the country in war work. At present the Institute budget is ten times its normal size. Yet with all this additional activity the regular civilian undergraduate program has thus far proceeded with comparatively little interference.

ENGINEERS



ROYAL W. SORENSEN
Electrical Engineering



FRANKLIN THOMAS
Civil Engineering

Entrusted with the leadership of the Electrical Engineering department is Royal W. Sorensen. Instruction with which he is concerned has been modified so as to include much more pre-Radar (electronics) work than is normally justified. Ample reason for this step is the urgent demand by the service for trained men in this field. In addition to his campus responsibilities, Dr. Sorensen carries on outside as consulting engineer, has many professional interests.

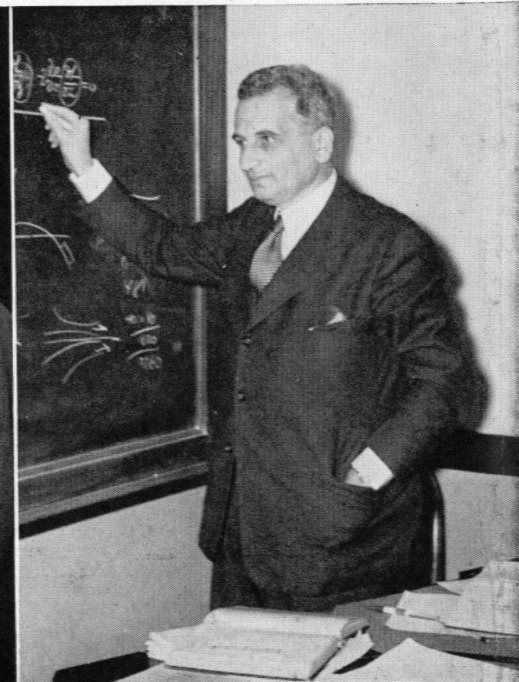
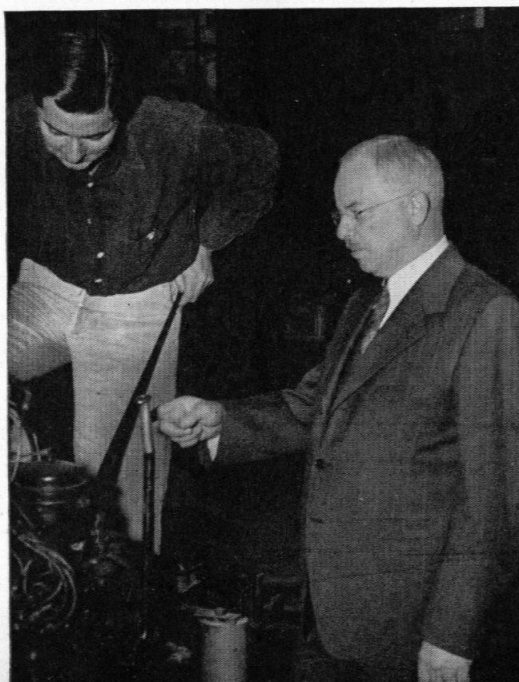
Widely respected for his activity in civic affairs is Franklin Thomas, chairman of Civil and Mechanical Engineering, Aeronautics, and Meteorology. Among other things he serves on the board of directors of the Metropolitan Water District. In the course of his years at the Institute, he has acquired a deeply sympathetic interest in student life, includes music among his interests.

As professor of Mechanical Engineering and prominent consulting engineer Robert L. Daugherty has proved himself tops in his field. Civic-minded and congenial, he has established a popular following among students fortunate enough to take courses under him.

Director of the Guggenheim Aeronautical Laboratory is Theodore von Karman. This year the Institute is collaborating with major aircraft companies in the construction of a new wind tunnel of unusual features located off campus.

ROBERT L. DAUGHERTY
Mechanical Engineering

THEODORE VON KARMAN
Aeronautics



Up on the second floor of Kerckhoff Biology Laboratory the kindly figure of Thomas Hunt Morgan may be seen smoking a pipe and continuing his genetics work in connection with the Marine Laboratory at Corona del Mar. He has been freed of administrative duties as chairman of the committee on Biology by Alfred H. Sturtevant, a man familiar to all who have had sophomore biology.

Across the campus amidst the busy atmosphere of the Norman Bridge Physics Laboratory is the office of affable and unperturbable Carl D. Anderson, Nobel Laureate and school alumnus. Recognized by his honor section as a man who can "put the stuff across," he has, like so many others, been forced to halt his peace-time work for the duration.

Over in Crellin are the headquarters of Linus Pauling, cheerful head of the chemistry division. Much comment has been aroused in professional circles by his extensive work on artificial antibodies. He has established himself in the recognition of undergraduates chiefly through his well-designed lectures in introductory chemistry. In the second year of the war he continues to aid in the job of providing skilled men for war research and industry.

With the facilities of Mudd and Arms partially contracted to the Army and Navy meteorologists the Geology department has maintained the largest graduate school of civilians in the country. Under the direction of its able chairman, John P. Buwalda, the department remains one of the best in preparing men for work in oil, mining, and geological survey.



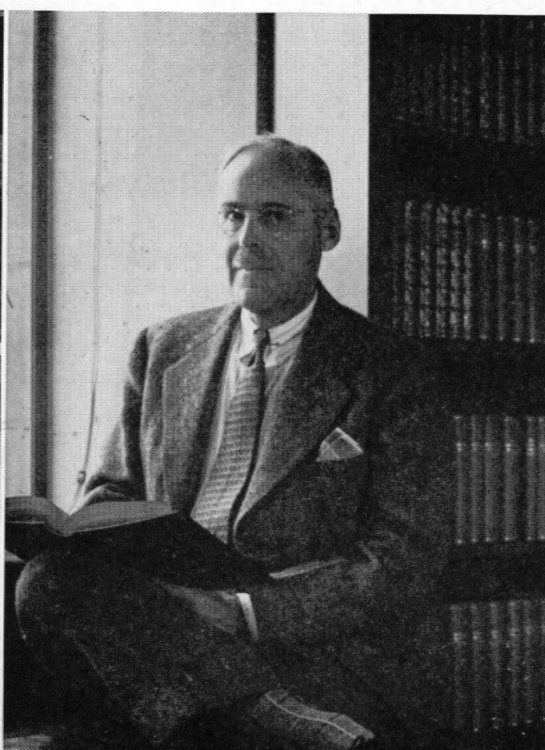
CARL D. ANDERSON
PHYSICS

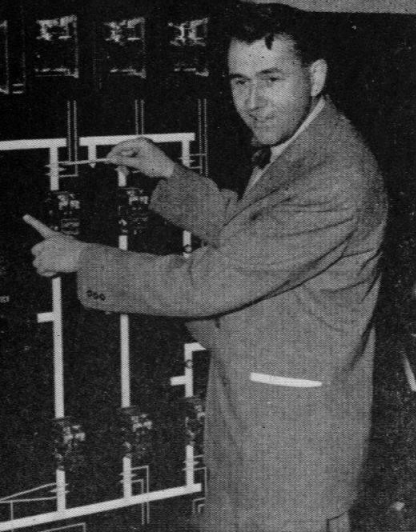
SCIENTISTS

THOMAS HUNT MORGAN
Biology

JOHN P. BUWALDA
Geology

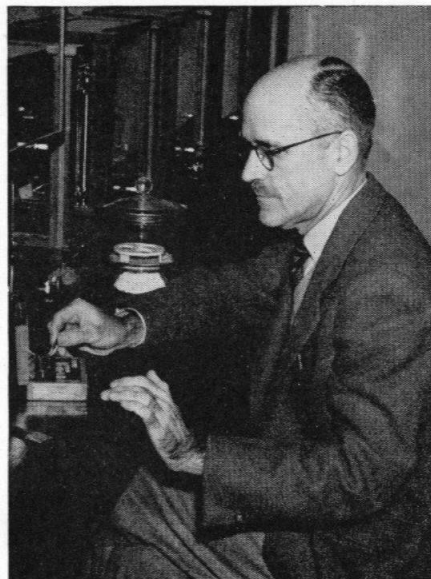
LINUS PAULING
Chemistry



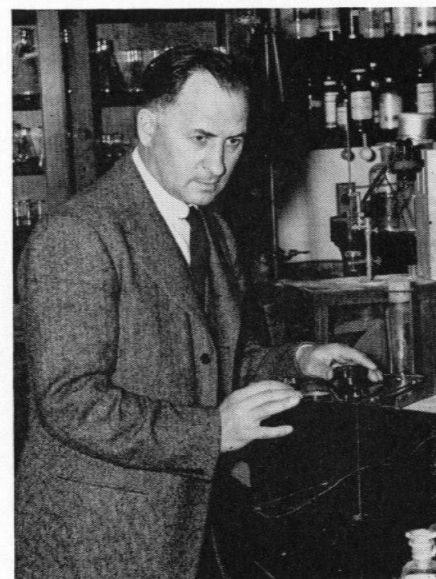


FREDERICK C. LINDVALL
Electrical Engineering

EARNEST H. SWIFT
Chemistry



HENRY BORSOOK
Biology



J. E. WALLACE STERLING
History

Professor of Electrical and Mechanical Engineering Frederick C. Lindvall, being active in war work, has had less time to devote to undergraduate instruction, but continues to enjoy a high degree of popularity among his students. A railway engineer of proved merit, he has designed the "dynamically suspended" railway car, an innovation in the field.



DONALD C. CLARK
Mechanical Engineering

Busy this past year with his job in the history department, J. E. Wallace Sterling has added to his list of outside achievements that of regular and accurate news analyst over Columbia's KNX. It is appreciated that the public is now in a position to benefit by his sincere interpretation and likeable manner.

Among the best known members of the faculty is Donald S. Clark, who has regrettably withdrawn as resident associate of Dabney House because of the pressure of war work. As chairman of the committee on alumni relations and director of placements he is to be considered a friend of all men leaving the Institute.



MAX MASON
Chairman
Observatory Council

In the Astrophysics building are located the busy but friendly offices of Max Mason, retired president of the Rockefeller Foundation and present member of the Executive Council of the Institute. In pre-war days he was in charge of constructing the 200 inch mirror and Mount Palomar observatory, work on which has ceased for the duration.

Many undergraduates are made aware of the importance of Ernest H. Swift, whose excellently prepared course in analytical chemistry often helps decide whether or not a student is to enter the field of chemistry. He is one more of the many whose activities are at present confidential in nature.

Of utmost importance in the war effort have been the nutritional investigations, including a long-range study of the effects of vitamin doses on Lockheed workers, undertaken by Henry Borsook, prominent member of the biological staff.

PROMINENT MEMBERS OF OUR FACULTY

Beno Gutenberg is the chief figure at Cal Tech's Seismological laboratory, center of the largest earthquake-detecting network in the United States.

Major Irving P. Krick, whose accurate weather predictions are now the property of the Army Air Force, remains one of the brilliant men on the campus.

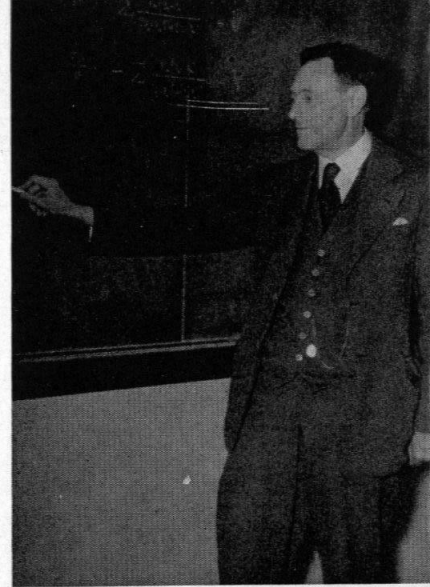
Member of the Executive Council and chief of the Humanities Division, William B. Munro has made many friends for the Institute, and is trustee of Tech's "good neighbor" institution, Scripps College.

One of the finest minds among the faculty is that of Romeo R. Martel, highly popular supervisor of the War Production Board course for "Jennies," the energetic girl engineers who underwent intensive training here.

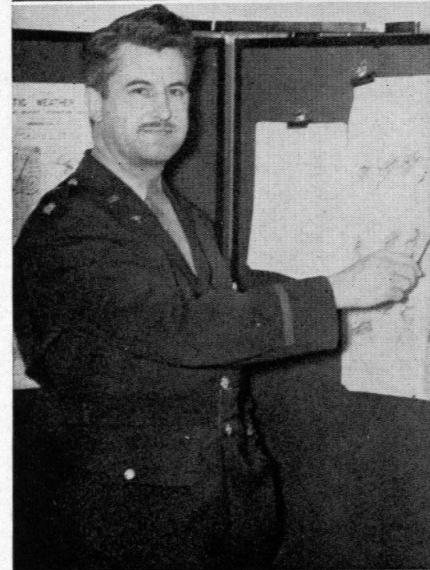
Wiry young William H. Pickering is now active in the field of electronics. Besides instructing electrical engineers in high frequency courses, he has, in collaboration with Drs. Millikan and Neher, published important results of the cosmic ray research.

Key figure in Cal Tech's busy mathematics department is Harry Bateman, a faculty member of long standing. Originally from England, he has distinguished himself for his work in aerodynamics.

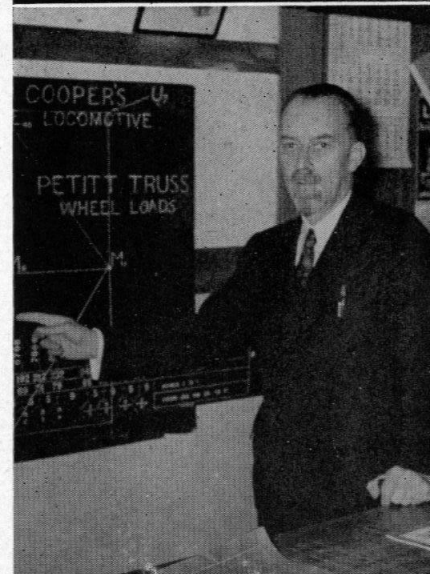
HARRY BATEMAN
Mathematics



MAJOR IRVING P. KRICK
Meteorology



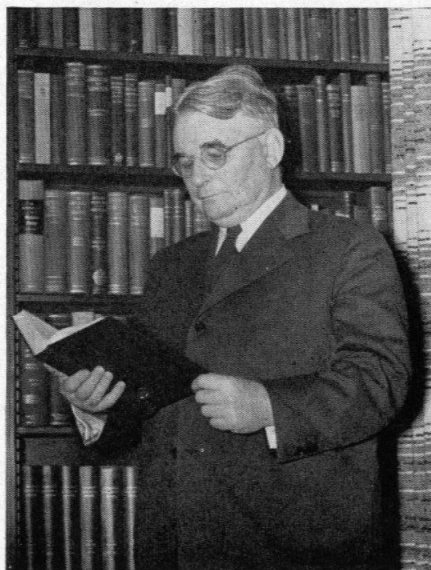
ROMEO MARTEL
Structural Engineering



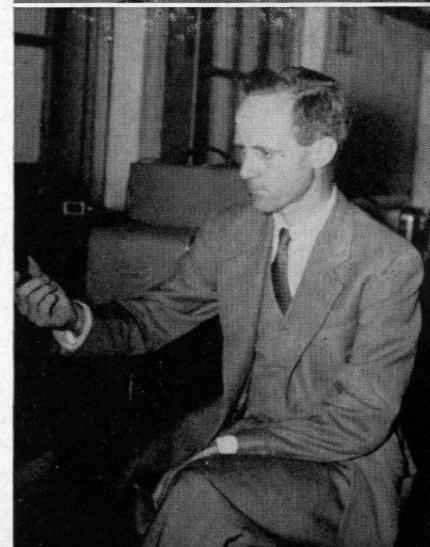
MUNRO
WILLIAM MONROE
History

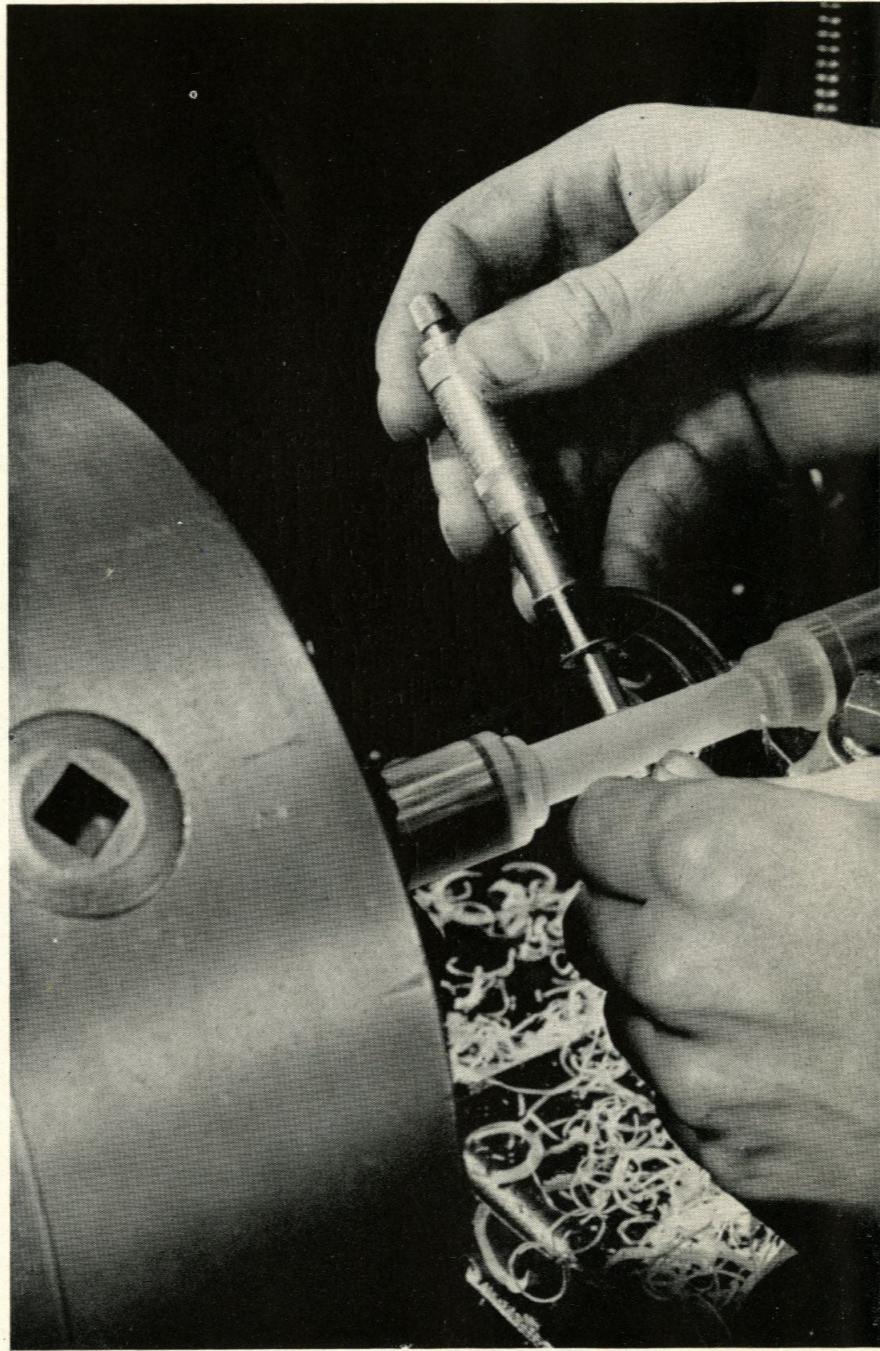
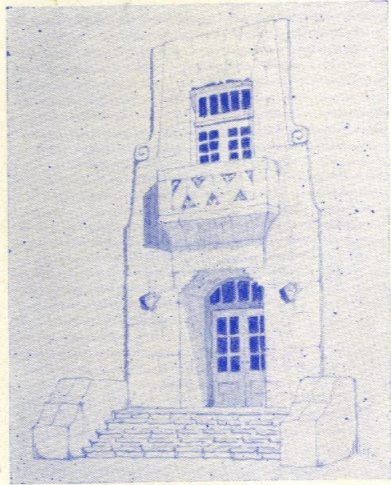


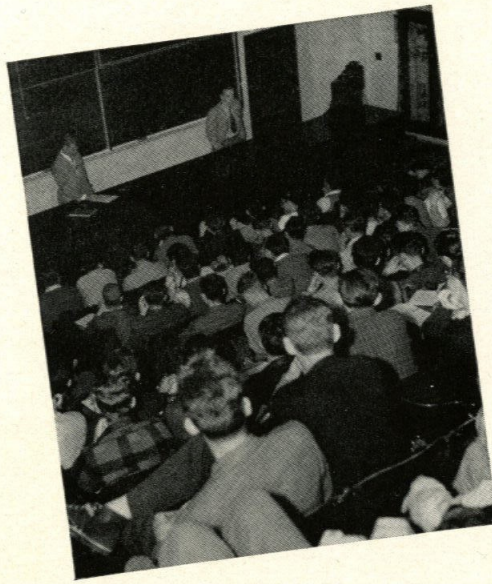
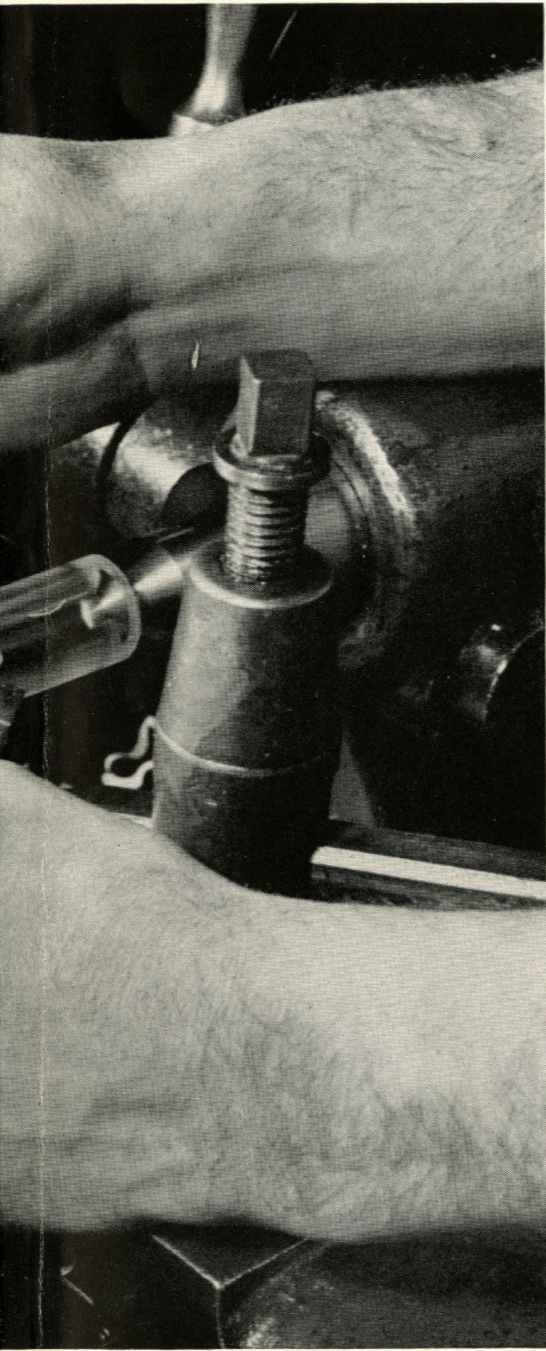
BENO GUTENBERG, Geophysics



WILLIAM PICKERING, Electrical Engineering



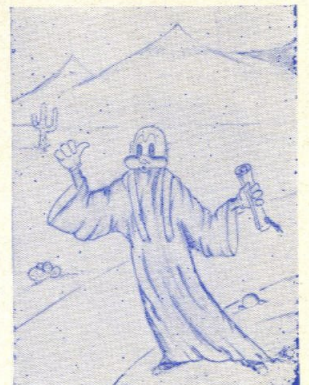




seniors

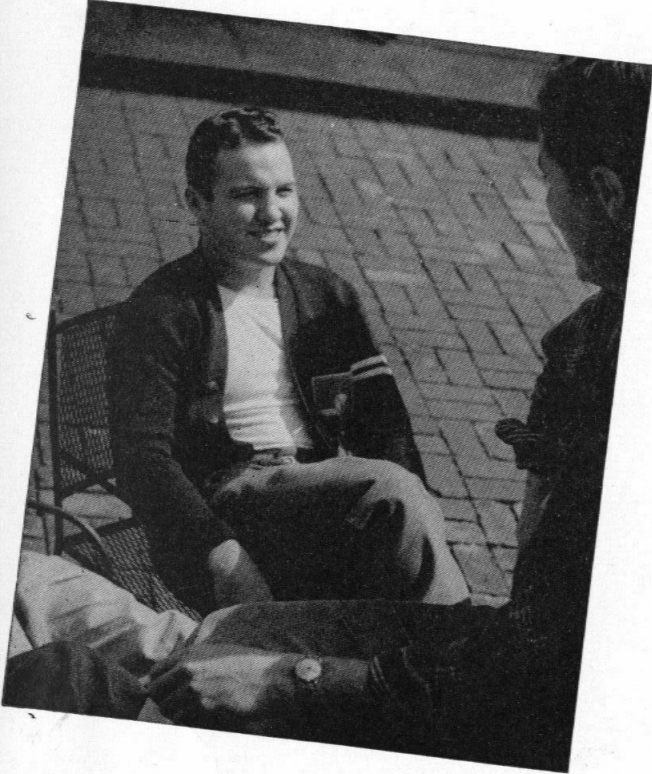
CLASS OF '43

The senior oak is a tradition from which springs a friendly rivalry. Though often with violent tussling the senior class' exclusive right to sit beneath this tree is defended, it's all in fun. It is a reminder of the long lasting friendships that are made while sharing the campus as a school and as a home.



SENIOR

Everett Macartney, President



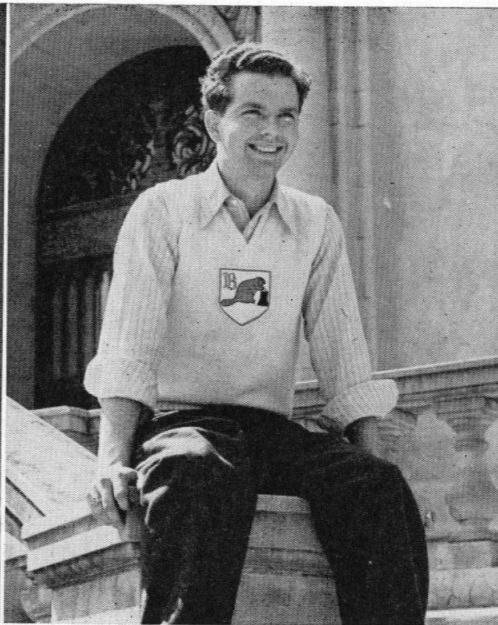
The college careers of the members of the class of '43 have been coincident with a period of tension, crisis, and war. Through it all, however, they have proven their superiority in the fields of athletics, scholarship, and leadership.

As seniors, they have reached the fruition of purpose which has been their goal through Tech. Sobered by the realization that they have completed one phase of their life, they nevertheless look confidently into the future. They will miss Tech and Tech will miss them.

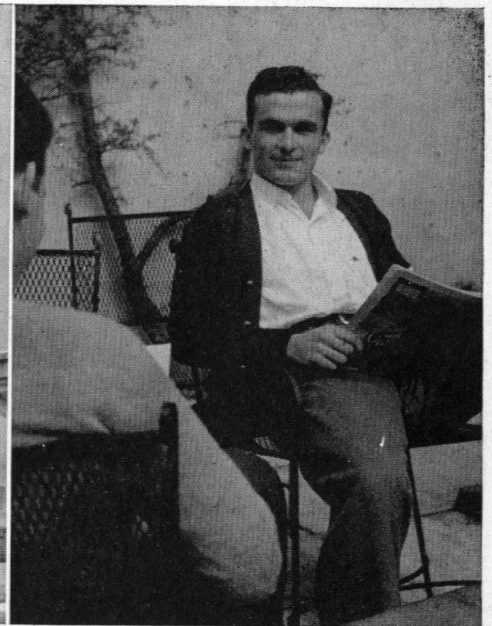
The culmination of four years of hard work has led to a generous program of social functions. The guiding lights of these activities have been the class officers: Everett Macartney, president; Rex Rhodes, vice-president; Shelton Steinle, secretary; Doug Reid, treasurer. The romantic enchantment of the Junior-Senior Prom and the gay exuberance of the Garden Party lent atmosphere to days preceding Commencement. That which will live in the hearts of the seniors, however, was the Senior Ditch Day when class fellowship was reaffirmed over kegs of foaming beer.



Rex Rhodes, Vice-president



Shelton Steinle, Secretary



Douglas Reid, Treasurer

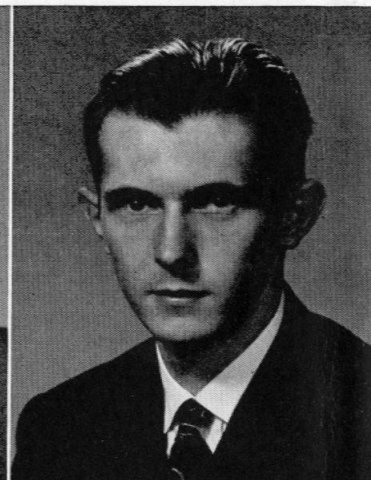
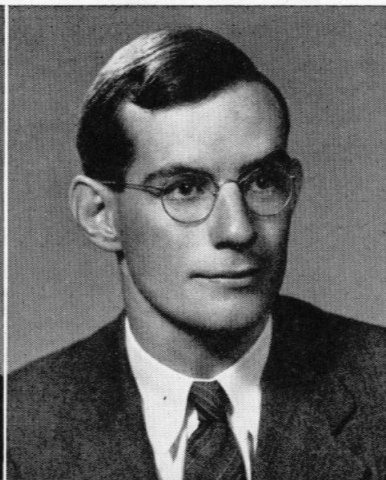
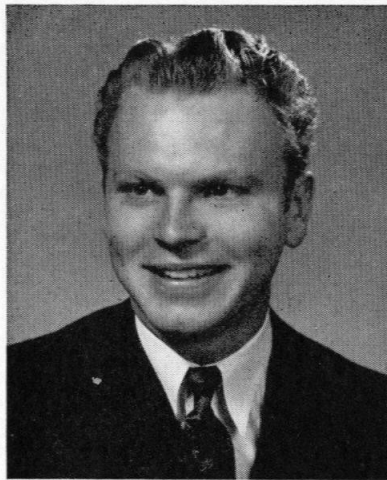
OFFICERS

RALPH ALLRUD

JOHN BACON

ROBERT BENSON

JAMES CHALMERS

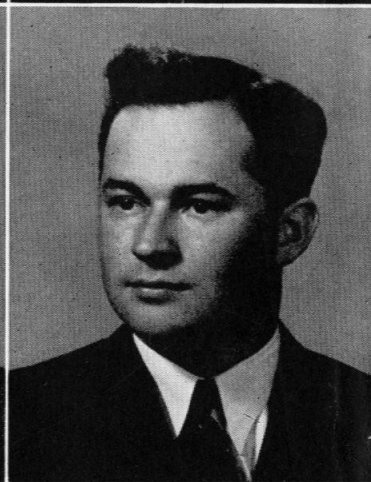
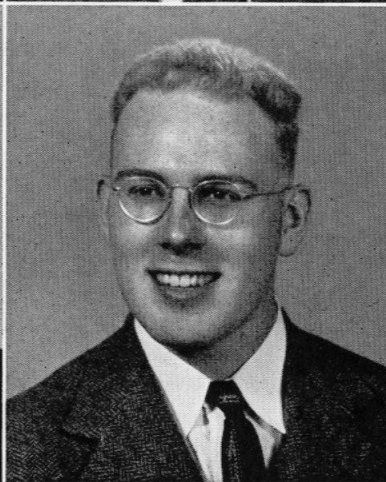
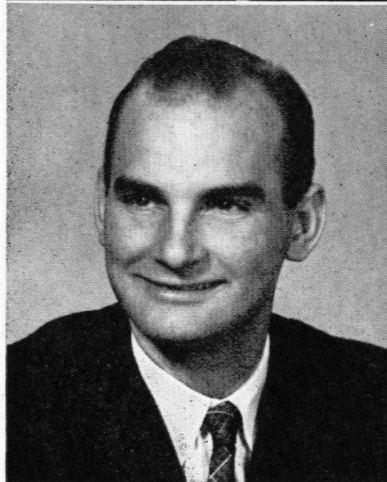


PATRICK CHASE

CHADWICK DAUWALTER

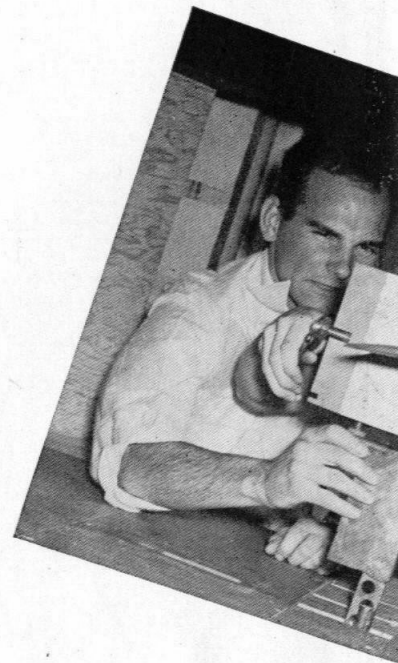
OLEG ENIKEIEFF

HEWITT GRAHAM



AERONAUTICALS

RALPH GORDON ALLRUD transferred from P.J.C. in 1941 as a junior . . . active in Throop social affairs . . . devotes spare time to music, flying, and model building . . . likes tennis, boxing, and groaning with the bar bells . . . member of Institute of Aeronautical Sciences . . . originally from Denver. . . . JOHN WILLIAM BACON JR., "Bake" to his friends in Ricketts, comes from Hermosa Beach . . . one of the steadier men of the house, Bake made athletics his hobby and played football, house baseball and basketball . . . elected athletic manager of Ricketts in senior year . . . also chairman of the U.C.C. . . . Entering Tech as a junior from Compton J.C., ROBERT MILTON BENSON joined Throop Club . . . a member of the Musicale . . . works in the wind tunnel a good deal of the time . . . member of the I.A.S. . . . Bob is good for a discussion of modern socialism at the drop of anyone's hat. . . . JAMES CHALMERS is La Jolla's gift to Ricketts House . . . genuinely witty, Jimmie can bring a smile to anyone's face . . . at times veddy British, loves Kipling . . . enjoys swimming and basketball . . . will soon be flying with the Army Air Corps. . . . PAT CHASE is a local Pasadena man . . . tried to plumb the mysteries of flight in the midst of four years varsity baseball . . . a touch of Irish, Pat dabbles with boxing and holds down a place in Throop Club and Varsity Club . . . often asked if he is part Indian, because of that scalp-lock. . . . An A.E. whose red hair is familiar to all, CHADWICK SCHUYLER DAUWALTER comes to Pasadena from Chicago . . . a member of the A.S.M.E. and S.A.E., he spends lots of time at his hobbies of flying and photography . . . also claims he loves to snake. . . . OLEG C. ENIKEIEFF was born in Vladivostok, Siberia and entered Tech from Kobe, Japan, after living there fifteen years . . . a member of Throop Club, he is interested in tennis, soccer, photography, and girls . . . member of A.S.M.E., Musicale, and I.A.S. . . . he is anxious to become an American citizen. . . . Entering Tech in '41 from Sioux City, Iowa via Compton J.C., HEWITT K. GRAHAM become a big gun in varsity basketball . . . a Ricketts man . . . "Hewie" likes his flying from the control stick to the drafting board . . . he will be showing the Air Corps Reserve a trick or two after graduation. . . . Coming from New York City, ROBERT P. LEVINE has been a natural born hell-raiser and bridge expert . . . Bob has coached and played on Ricketts' basketball, softball, and baseball teams . . . reported for the California Tech . . . with a serious, philosophical side, Bob goes into the Army Air Force. . . . EARL L. LONG, an exponent of "it's cool in Long Beach," transferred to this noble Institute in 1940 from Long Beach J.C. . . . member of Throop Club and the A.S.M.E. . . . also member of Institute of Aero Sciences . . . seen at just about all social functions around campus.



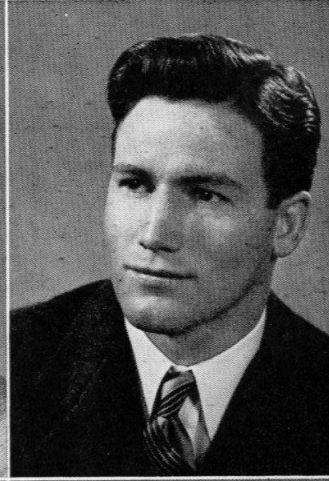
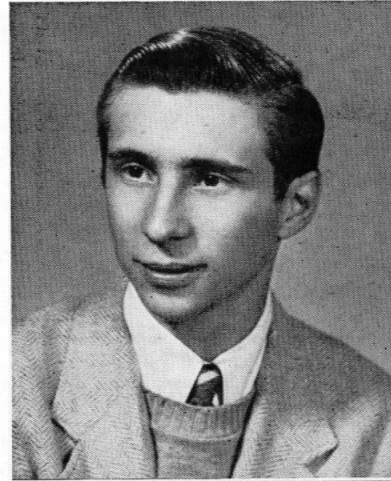
Aeronauts place a model of a wing section in the tunnel.



DOYLE F. MATTSON transferred here as a junior from P.J.C. . . . about the only first tenor in school for the quartet . . . "Beady-eyes" is easily recognized by his white thatch . . . enjoys tennis, basketball, archery, and swimming . . . well liked, and always has a broad grin on his face. . . . From Los Angeles, DEANE N. MORRIS has been active in campus affairs . . . A.S.B. treasurer, junior class vice-president, Fleming, entertainment chairman, Beaver and Honor Key holder . . . has played two years scrub football . . . Deane has found it possible to combine feminine interest with getting grades good enough to make Tau Beta Pi his junior year. . . . ANDREW S. QUAN added his humor to Tech for four years . . . belongs to Throop Club . . . member of A.S.M.E., S.A.E., and I.A.S. . . . one of the happy-go-lucky type who never seem to do any work but still pull down the grades . . . always running off to hometown San Francisco to see a certain little Chinese girl. . . . RICHARD SCHAMBERG came over from Germany five years ago . . . member of Throop Club . . . a section A man, Dick is also a member of Tau Beta Pi and the Musicale . . . interests include good books and classical music . . . played soccer and ran cross-country for Throop . . . very sincere, Dick hopes to continue fifth year work. . . .

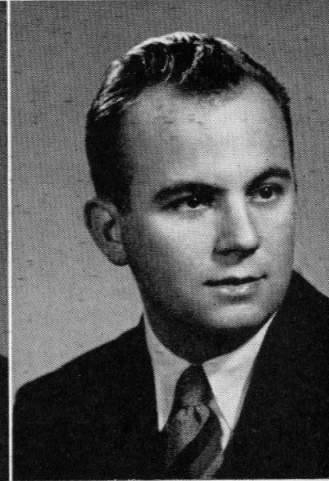
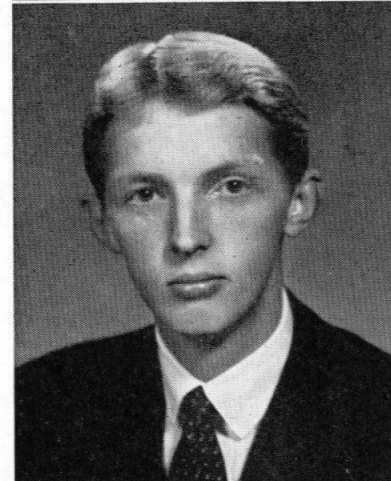
ROBERT LeVINE

EARL LONG



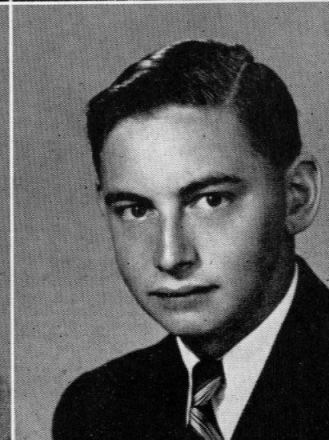
DOYLE MATTSON

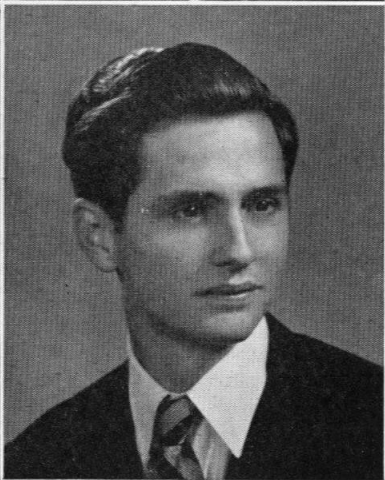
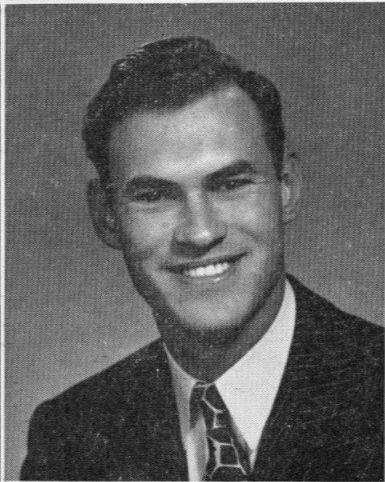
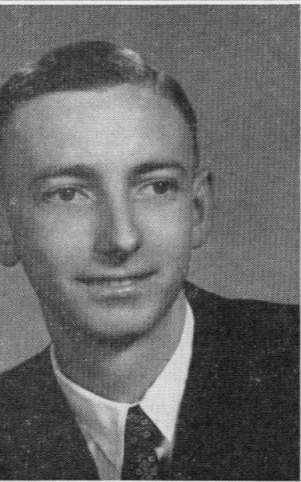
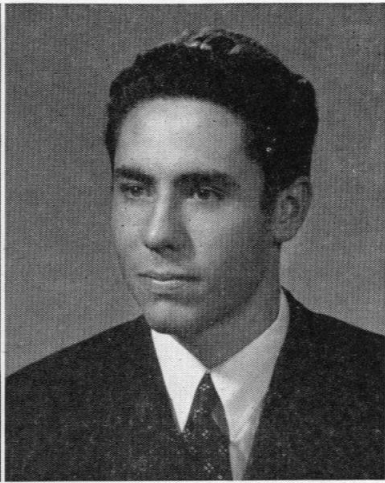
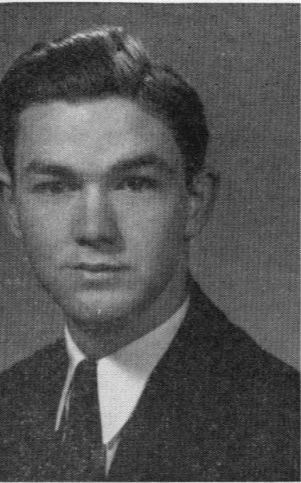
DEANE MORRIS



ANDREW QUAN

RICHARD SCHAMBERG





HAROLD BRADLEY

ANTHONY BRIGLIO

CLYDE DUBBS

EDGAR FLAVELL

EDWARD FLEISCHER

ARTHUR GARDNER

RICHARD MARSH

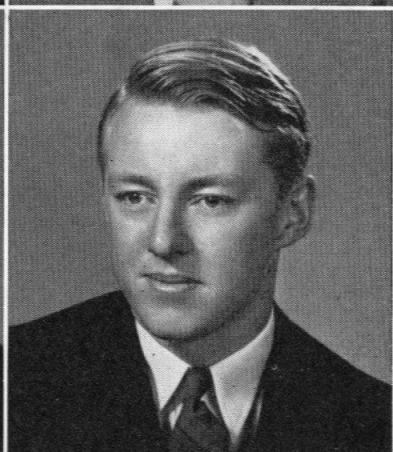
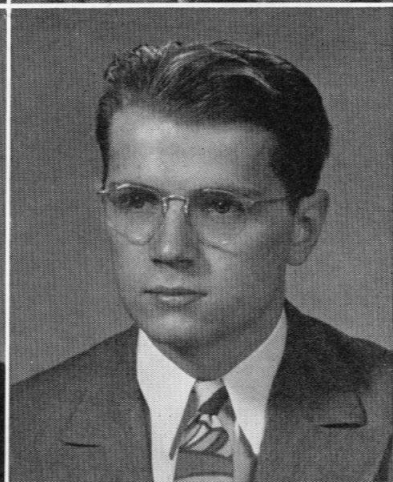
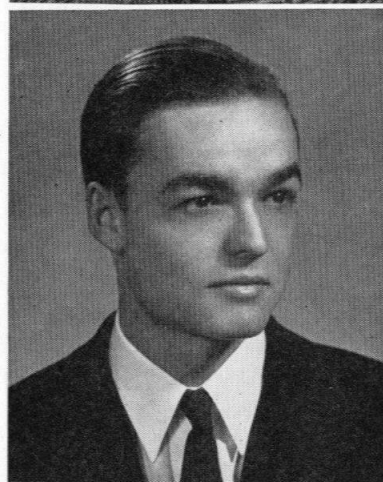
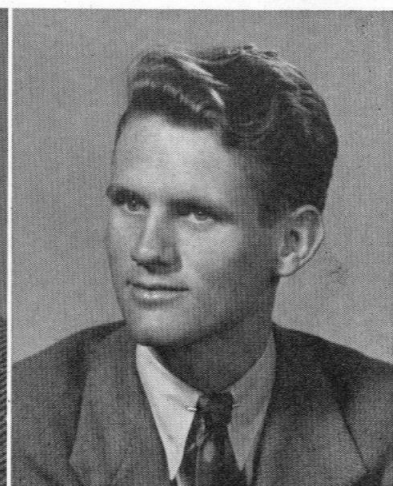
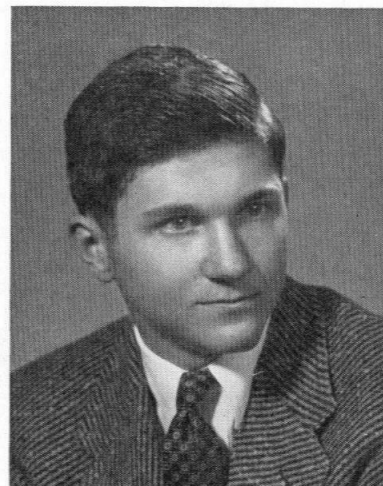
DAVID MASON

KENNETH POWLESLAND

ROBERT SHERWIN

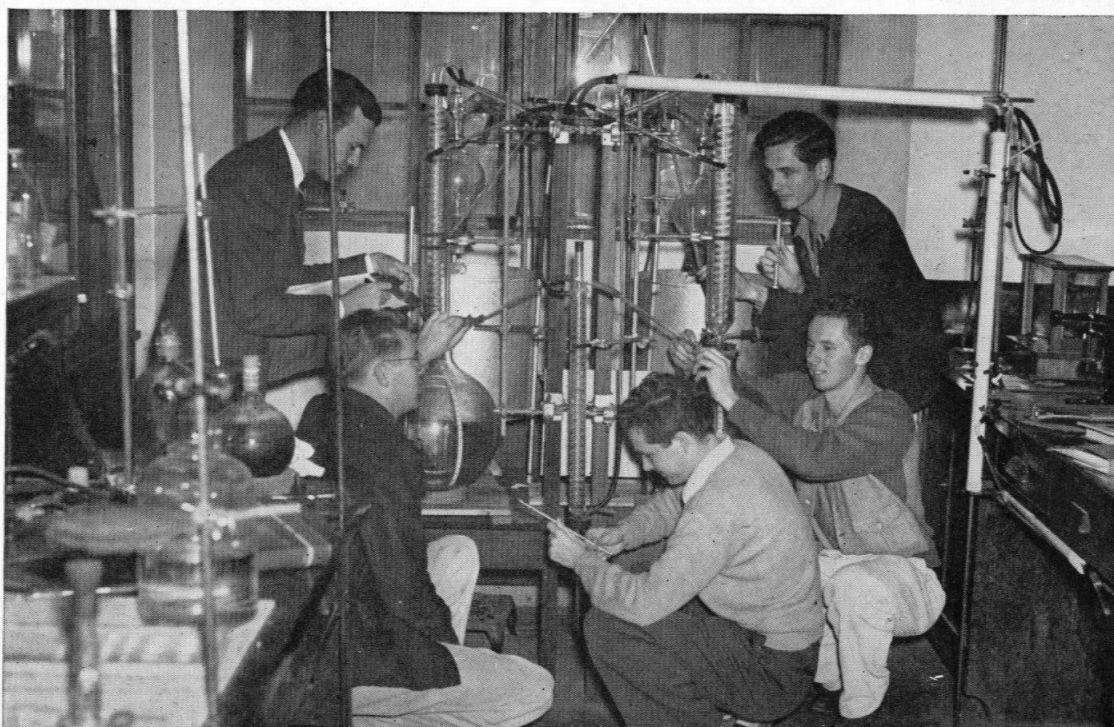
JOHN SPENCER

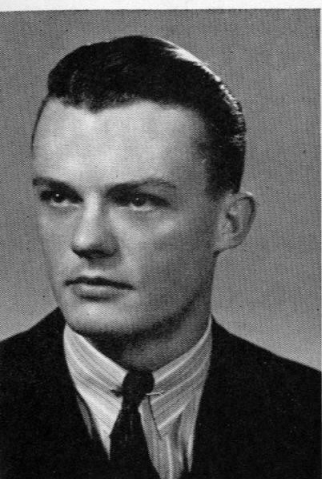
CHARLES STRICKLAND



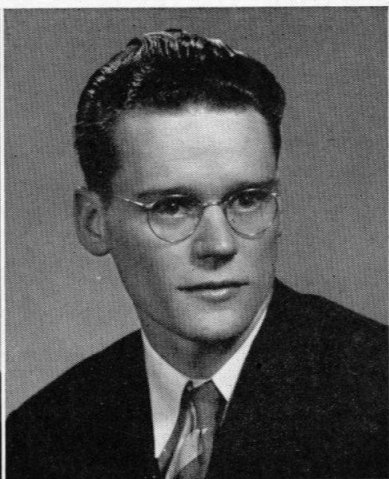
APPLIED CHEMISTS

HAROLD HERBERT BRADLEY JR. comes from Alhambra High School . . . entered Tech in '39 with a great interest in chemistry . . . program chairman of the Musicale and secretary of the Chem Club . . . member of Throop Club . . . enters Army Air Corps to study Meteorology. Coming from Marshal High School in L.A., ANTHONY BRIGLIO JR. started at Tech in '39 . . . active member of golf team and Musicale . . . likes photography, fishing, dancing, and stamp collecting . . . occasional member of Throop Club. Entering in 1939 from U.C.L.A., CLYDE ANDREW DUBBS considers Los Angeles to be his hometown . . . really enjoys chemistry . . . especially interested in organic and micro-chemistry . . . relaxes at bowling and art work. EDGAR W. FLAVELL entered Tech from Glendale . . . member of Throop Club for over three years, then joined Dabney House for the last half of his senior year . . . secretary of Throop Club, publicity director of Caltech "Y" . . . member of "Y" board, California Tech and Big T staffs . . . cross country and track . . . enters Army in June. EDWARD PAUL FLEISCHER has distinguished himself as president of Dabney House, president of his junior class, member of the Beavers, the Board of Control, and Tau Beta Pi . . . active in varsity tennis, soccer, and track . . . ardently supported house sports . . . Ed's the man with that winning smile. ARTHUR GARDNER, Throop Club lounge lizard par excellence, worked a year before coming to Tech . . . "Ace's" activities include baseball, although his pet pastime is listening to jive in the Throop Club lounge. RICHARD E. MARSH calls Jackson, Michigan his hometown . . . one of the big guns on Blacker House softball, football, hardball, and tennis teams . . . house athletic manager . . . frosh and varsity baseball, varsity golf . . . "Little Dick's" hobby is studying student house locks with a paper clip. MALCOLM MASON came to Tech from Hollywood . . . member of Musicale and Chem Club . . . Tau Beta Pi . . . enjoys tennis and music . . . active member of Throop Club . . . went to U.C.L.A. before entering Tech as a frosh and now swears by our good old Institute. KENNETH POWLESLAND hails from San Fernando . . . two year letterman in baseball, expert soccer player, and ardent supporter of house athletics . . . member of Tau Beta Pi and Varsity Club as well as being a reporter on the California Tech . . . Election Committee chairman . . . enters the Navy upon graduation. ROBERT SHERWIN, an Applied Chemist whose interests range far and wide . . . is member of Ski Club, A.C.S., and Musicale . . . vice-president of Drama Club . . . member of Blacker House . . . interested in good music and a member of the Pasadena Civic Chorus. JOHN R. SPENCER is one of the U.C.C.'s of Fleming House . . . active in house football, softball, and basketball . . . always smiling, always smoking a pipe . . . after graduation Jack plans to enter the chemical industry. CHARLES P. STRICKLAND JR. has had a brilliant college career at Tech. . . . served the student body as first representative, two years on the Board of Control and culminated his political activities by being president of the Associated Student Body . . . member of Ricketts House, Beavers, Varsity Club, and Pacific Student President's Association . . . three years varsity tennis, three years varsity basketball . . . captain of tennis team . . . comes from Santa Paula, California.

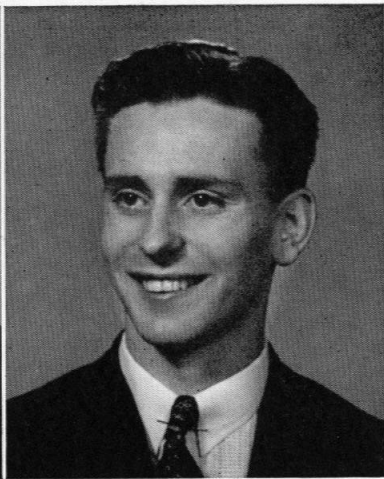




STANLEY DUNN



HAROLD GARNER



PAUL HARDIN

CHEMISTS

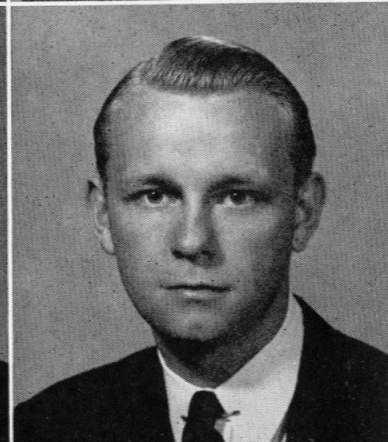
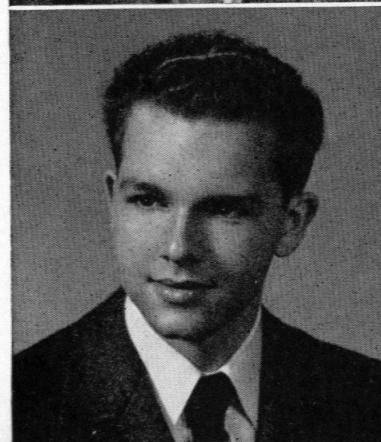
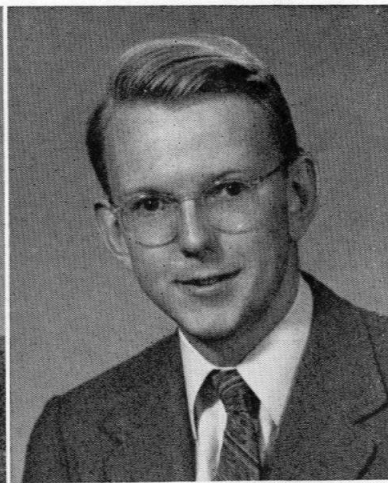
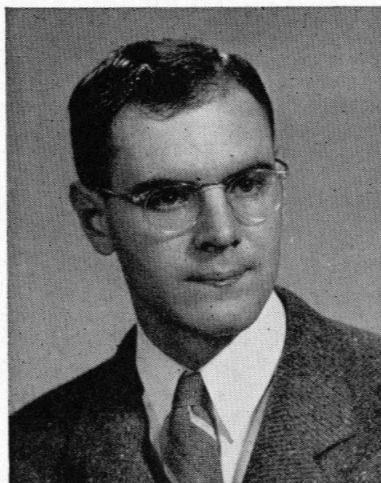
STANLEY DUNN has been active socially in Dabney House and has devoted time to tennis and house baseball . . . interests include Chem Club, amateur telescope building, and classical music . . . Stan is headed for the U. S. Naval Reserve. . . . HAROLD KARL GARNER has made chemistry the object of his studies . . . member of Blacker House softball, tennis, and track squad . . . also varsity baseball . . . member of Chem Club and frosh debate squad . . . chief hobbies are fishing and hiking . . . leaves for training for Air Corps photography school. . . . PAUL V. HARDIN is associated with Throop . . . enjoys fast game of tennis or a good swim, while in esthetic matters his foremost interest is music . . . one of the married men . . . interrupted school work for two years with work at Vultee . . . enters Army in June. . . . THOMAS S. LEE is one of the more quiet pure chemists . . . plans to get a Ph.D. in Chemistry . . . has already published a research paper with Dr. Swift . . . a hard worker earning much of his school expenses as a lab assistant and research chemist . . . claims counterfeiting as a hobby. . . . CHARLES GILBERT McGEE is an Ohio man in Blacker House . . . quarterback of frosh football team . . . inter-house baseball and basketball, also varsity golf . . . president of Episcopal Club . . . hobbies include photography, golf, and poetry. . . . SHELTON STEINLE has participated in many extra-curricular activities . . . manager of football, baseball, and basketball, treasurer of Throop Club, secretary of sophomore and senior classes . . . member of Varsity Club, Beavers, Tau Beta Pi . . . works in chem department and has run over 3,000 nitrogen analyses. . . . PHILIP EDWIN WILCOX came to Tech from Eaglerock High School . . . member of Throop Club and Tau Beta Pi . . . likes to spend his spare time hiking . . . has spent a great deal of time working on N.D.R.C. war research project . . . enjoys classical music. . . .

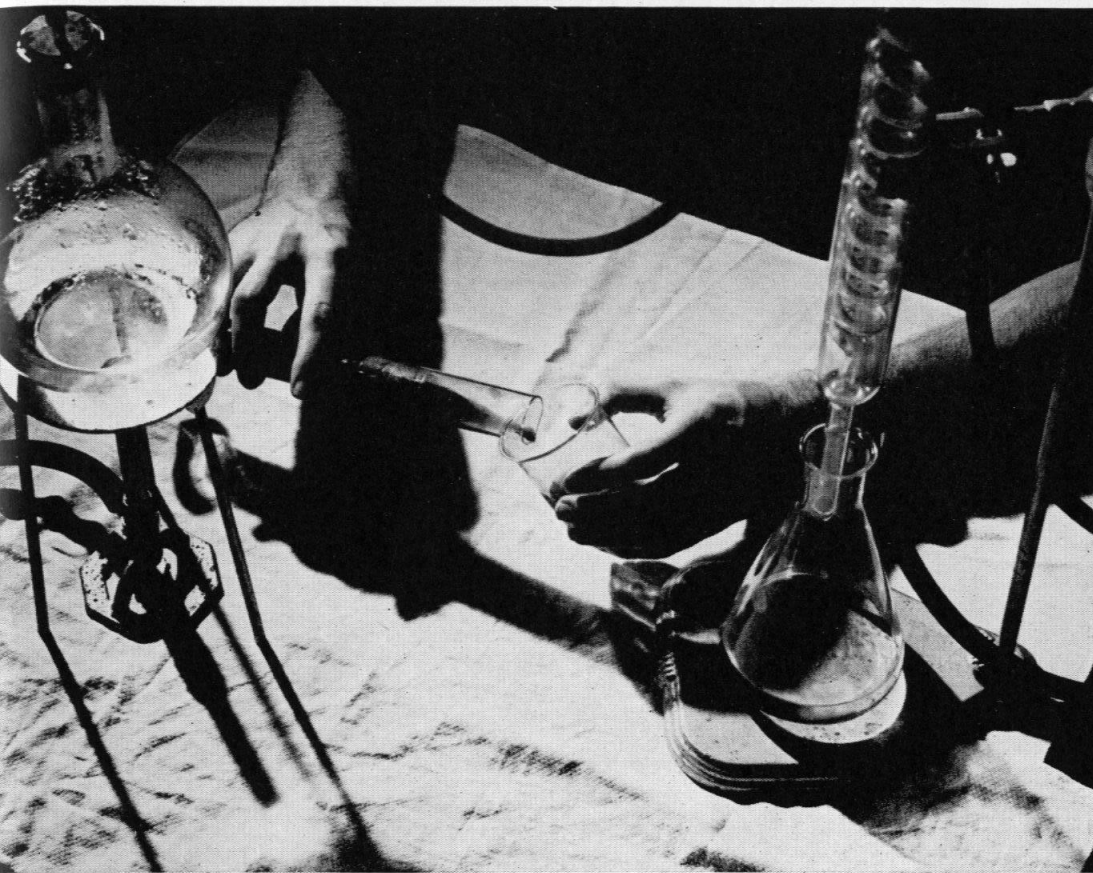
THOMAS LEE

CHARLES McGEE

SHELTON STEINLE

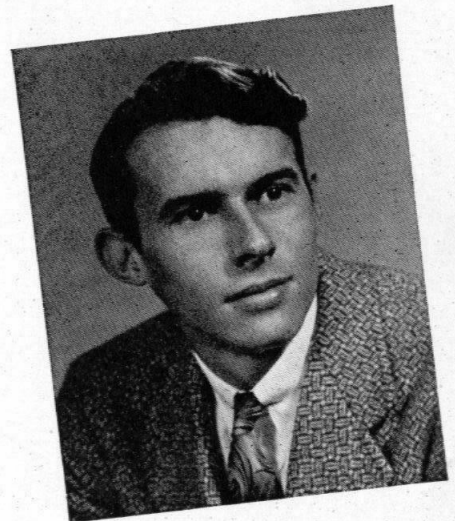
PHILIP WILCOX



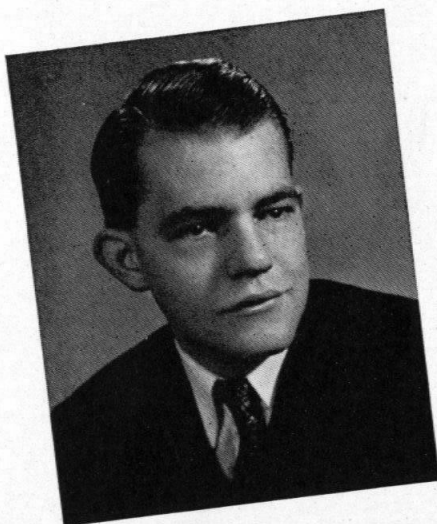


GEOLOGY

BENJAMIN NEVILL hails from Los Angeles . . . active member of Throop Club . . . won frosh numerals in track . . . played house baseball and softball . . . has shown interest in extracurricular activities, such as Beavers, Press Club, Geology Club, and director of the Tech N.Y.A. office . . . elected as Co-Editor of this volume (1943 Big T).



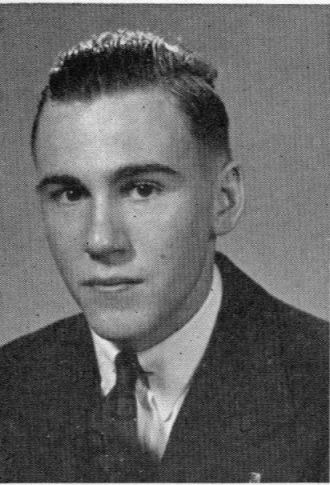
BEN NEVILL



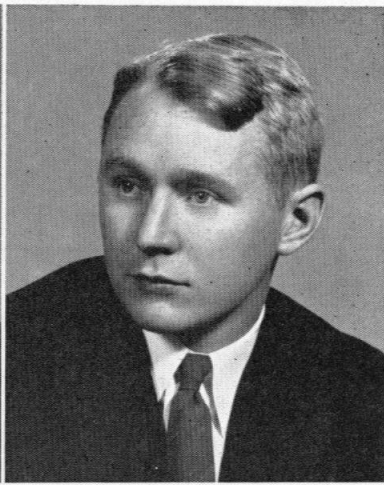
ROBERT BENTON

MATH

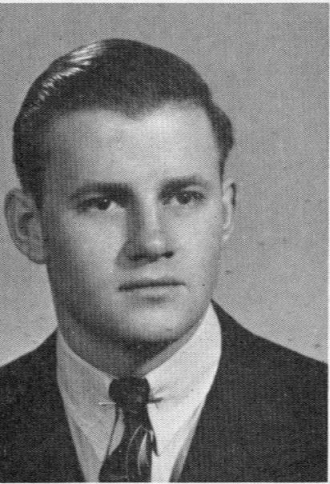
ROBERT F. BENTON transferred from Santa Barbara State College to be the only Math major of graduating class . . . active member of Throop Club, serving as chairman of Advisory Council and pledgemaster . . . Bob is interested in photography and uses his uncanny ability at magic and cards to the endless amusement of his friends.



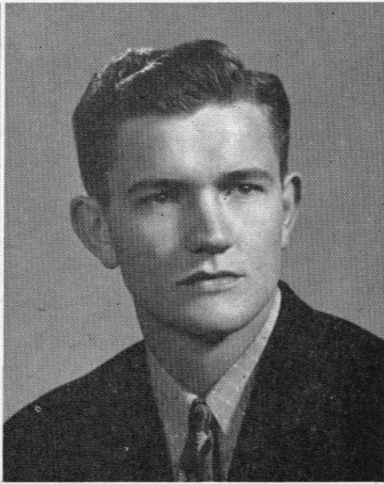
DAVID ARNOLD



MAURICE BECKSTEAD



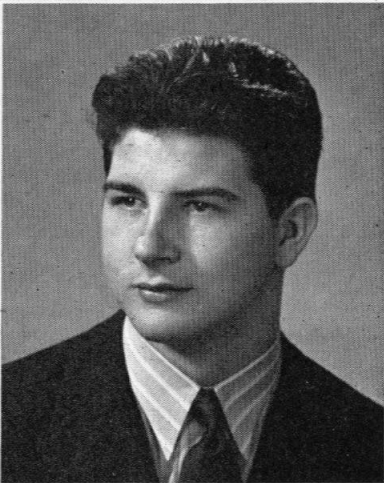
JOHN BUCHANAN



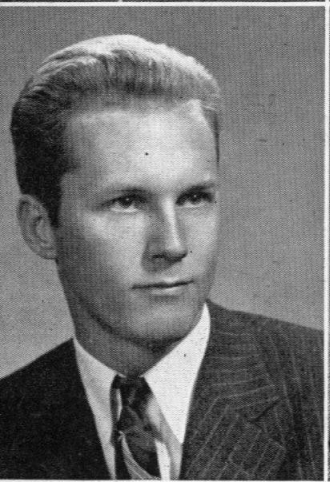
HAROLD DEWDNEY



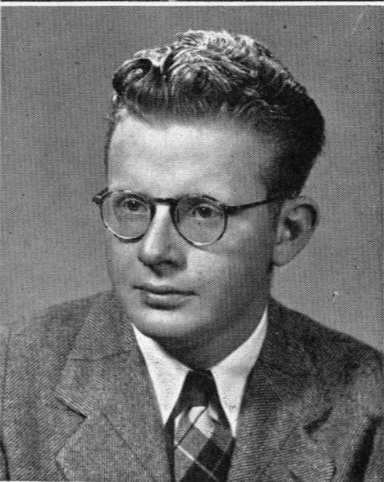
JOHN FRENCH



JESS GRANER



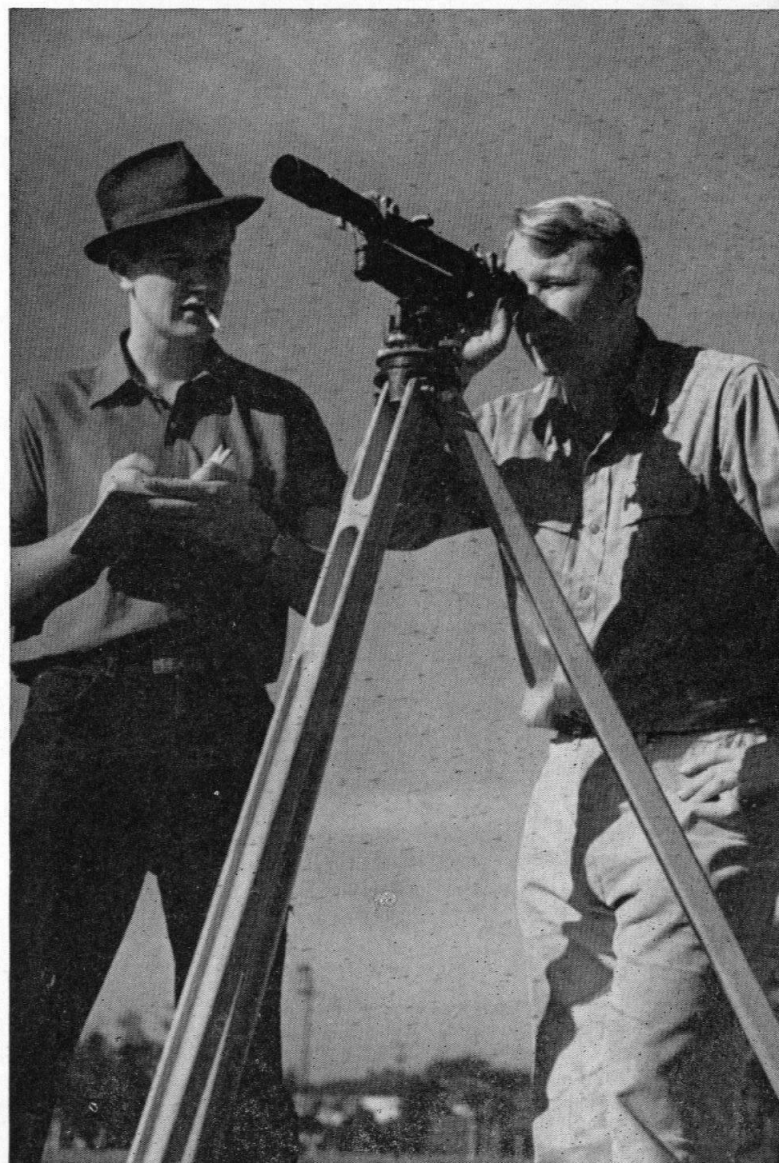
ALBERT GROTE



EDWIN JOHNSEN

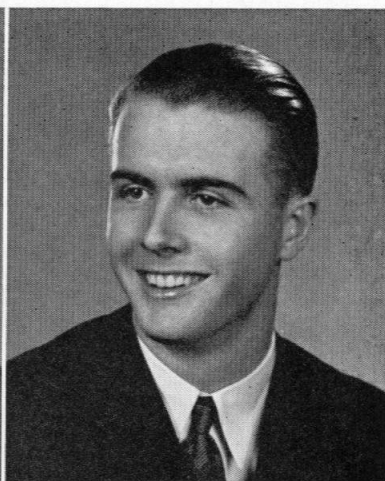
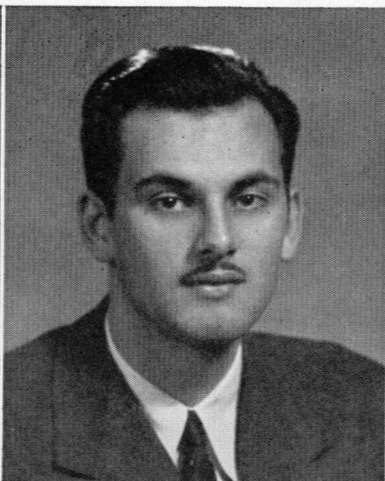
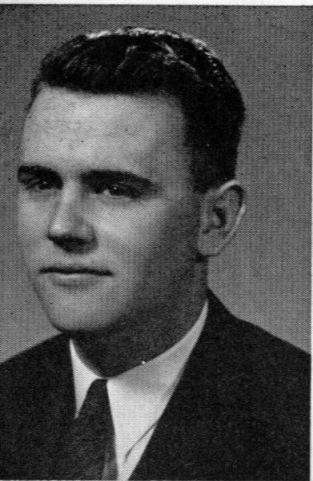
CIVIL ENGINEERS

DAVID R. ARNOLD . . . a jitterbug and swing fan from L. A. . . . "Dave" was active on the social committee of Ricketts, struggling always for that "good time" . . . basketball, softball, and baseball were among his other talents which he takes into the U.S.N.R. in June. A member of the younger married set, MAURICE WEBSTER BECKSTEAD hails from Carpenteria . . . vice-president of sophomore class, member of Board of Control, Beavers, Varsity Club, A.S.C.E., and U. S. Naval Institute . . . for relaxation give "Web" classical music and literature . . . will see service in U.S.N.R. after graduation. JOHN WILLIAM BUCHANAN entered as a frosh from Franklin High in L. A. . . . likes to ski, swim, and tennis . . . spends spare time in wind tunnel . . . president of A.S.C.E. and vice-president of Y.M.C.A. . . . member of Dabney House, Ski Club, Musicale . . . joins Uncle Sam in the Air Corps Engineers. HAROLD S. DEWDNEY came all the way from Penticton, B. C., Canada . . . a big hunk of man, "Dude" was a natural choice for Fleming House Constable . . . played house football, basket ball, baseball, and softball . . . member of A.S.C.E. . . . plans to enter the Royal Canadian Engineers after graduation. JOHN M. FRENCH, better known as "Zeke," brought along the atmosphere of an Arizona cow ranch when he arrived . . . always manages to pull down B's in courses he knows nothing about . . . vice-president of A.S.C.E. . . . played frosh and house football . . . worked hard on social events in Blacker House. JESS B. GRANER . . . remembered in Fleming for his nightly hour-long phone calls to Hollywood, "J. B." in his senior year finally decided to marry his dream girl . . . president of Varsity Club and member of Beavers and A.S.C.E. . . . three year letter in frosh and varsity football . . . active in house track. ALBERT O. GROTE ran into Tech from Wilmington in '39, and has been running ever since . . . likes sports . . . lettered in track . . . treasurer and U.C.C. of Dabney House, treasurer and vice-president of Y.M.C.A., Board of Control . . . member of Beavers, Varsity Club, and A.S.C.E. . . . reporter for Calif. Tech and a hard worker on frosh camp. A C.E. from Reedley, California, EDWIN G. JOHNSEN is one of Tech's actors or "actresses" as the drama demands . . . a chronic bridge player and habitue of Throop Club . . . a member of A.S.C.E., Ed will soon be working as an Army Air Force Engineer.

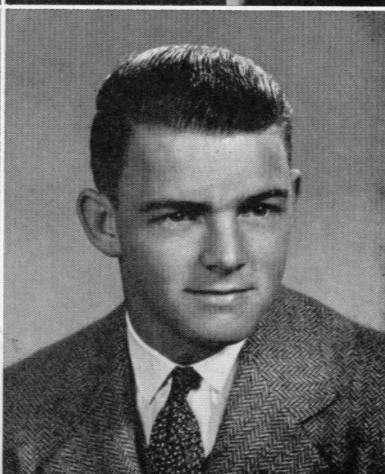
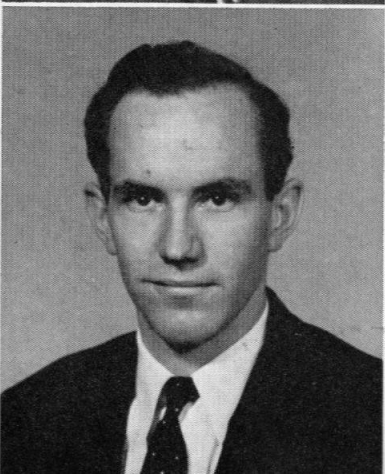
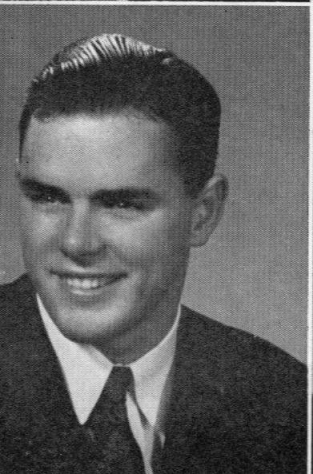


ELECTRICALS

EARLE R. ATKINS, JR. is the man of many nicknames, the most widely used of which are Roy, Herb and Stan . . . student chairman of the A.I.E.E. and an E.E. lab instructor . . . interests include radio, drums, and riding busses to Eaglerock . . . received commission as Ensign in Naval Reserve. NICHOLAS BEGOVICH came to Tech from San Francisco . . . a member of Throop Club and interested in amateur radio (W6OUH), automobiles and euphonious voial vociferations . . . belongs to I.R.E., A.I.E.E., and S.A.E. EARLE R. BUNKER came to Tech from Alhambra . . . a member of Throop Club, Press Club, A.I.E.E., I.R.E., and Chess Club . . . president and business manager of Musicale and technical editor of the California Tech . . . played frosh football . . . hobbies include radio and stonecutting . . . is in the Army Signal Corps Reserve. MITCHELL H. DAZEY left Santa Monica for Tech where his hobbies of radios and clocks led him to take E.E. . . . member of Blacker House, A.I.E.E., and I.R.E. . . . athletic participation includes tennis, water polo, soccer, and track . . . "Mike" regrets that he didn't go to Stanford where they have more women than at Scripps . . . Ensign in the Naval Reserve.



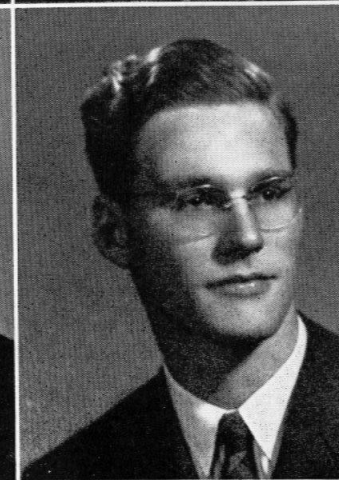
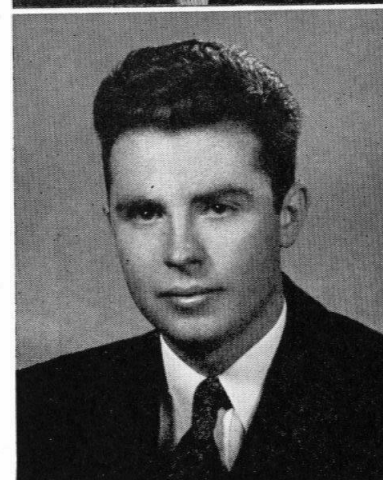
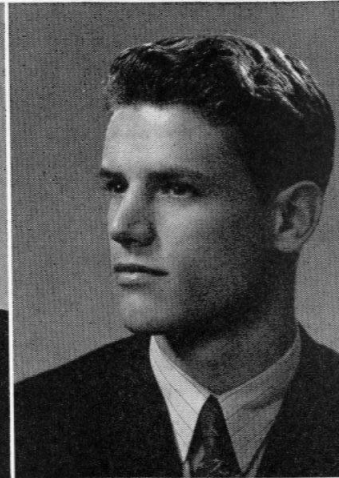
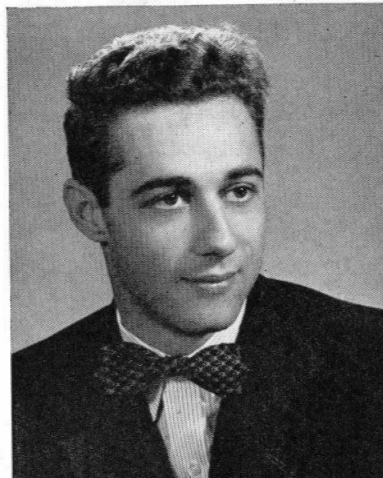
EARLE ATKINS
NICHOLAS BEGOVICH
EARLE BUNKER



MITCHELL DAZEY
ALBERT ELLIS
WILLIAM FAIR

ALBERT ELLIS is an E.E. with rather varied experiences . . . an ex-ship radio operator, he stayed out of school a year to go to sea . . . member of A.I.E.E., Radio Club, and I.R.E. . . . affiliated with Throop Club . . . worked for Physics and Biology depts. and Hydraulics Machine Lab . . . is in the Army Signal Corps Reserve.

WILLIAM RODDEN FAIR, fanatically loyal to his foggy San Francisco, has become an E.E. at Tech . . . activities include four years of basketball, captain in '43, frosh baseball, Big T business manager, Fleming entertainment chairman, member of the Board of Control, Publicity Committee, A.I.E.E., Varsity Club . . . keeps the pavement and telephone line warm between Pasadena and Claremont. Coming to Tech from Hermosa Beach, California, GEORGE C. FREY is one of the very few seniors to successfully endure the tumult of Ricketts House for four years . . . a band member and track manager, George also is active in the A.I.E.E. and I.R.E. and is a charter member of the Institute chapter of the S.A.E. . . . probably knows more Pasadena people than any other out-of-town Tech student. It would take a magician like DEXTER HAYMOND to successfully carry extra units and still spend weekends at Palm Springs . . . active in Blacker . . . member of A.I.E.E. and Varsity Club . . . three varsity golf . . . interested in photography and radio . . . Dex is in the Army Signal Corps Reserve.



GEORGE FREY
WAYNE HODDER

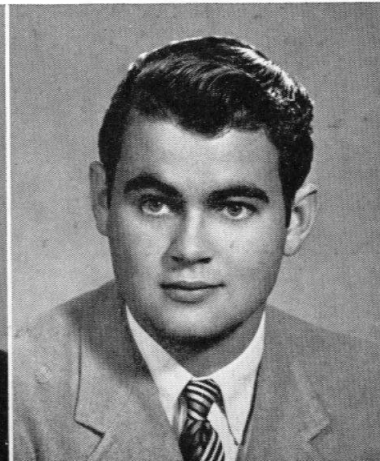
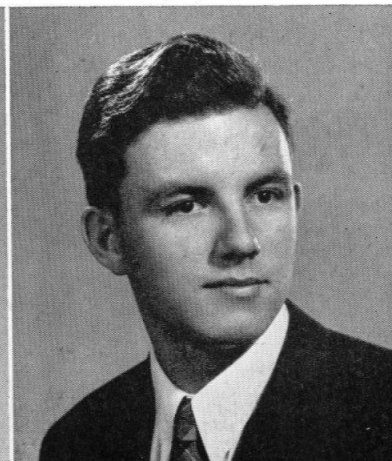
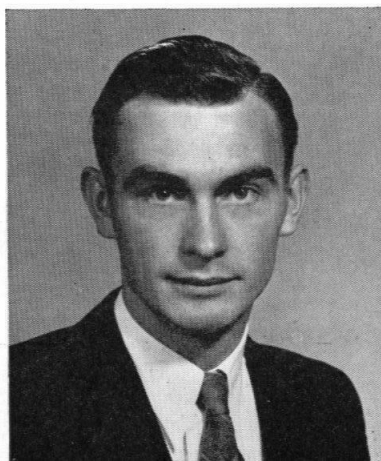
DEXTER HAYMOND
JAMES HULL

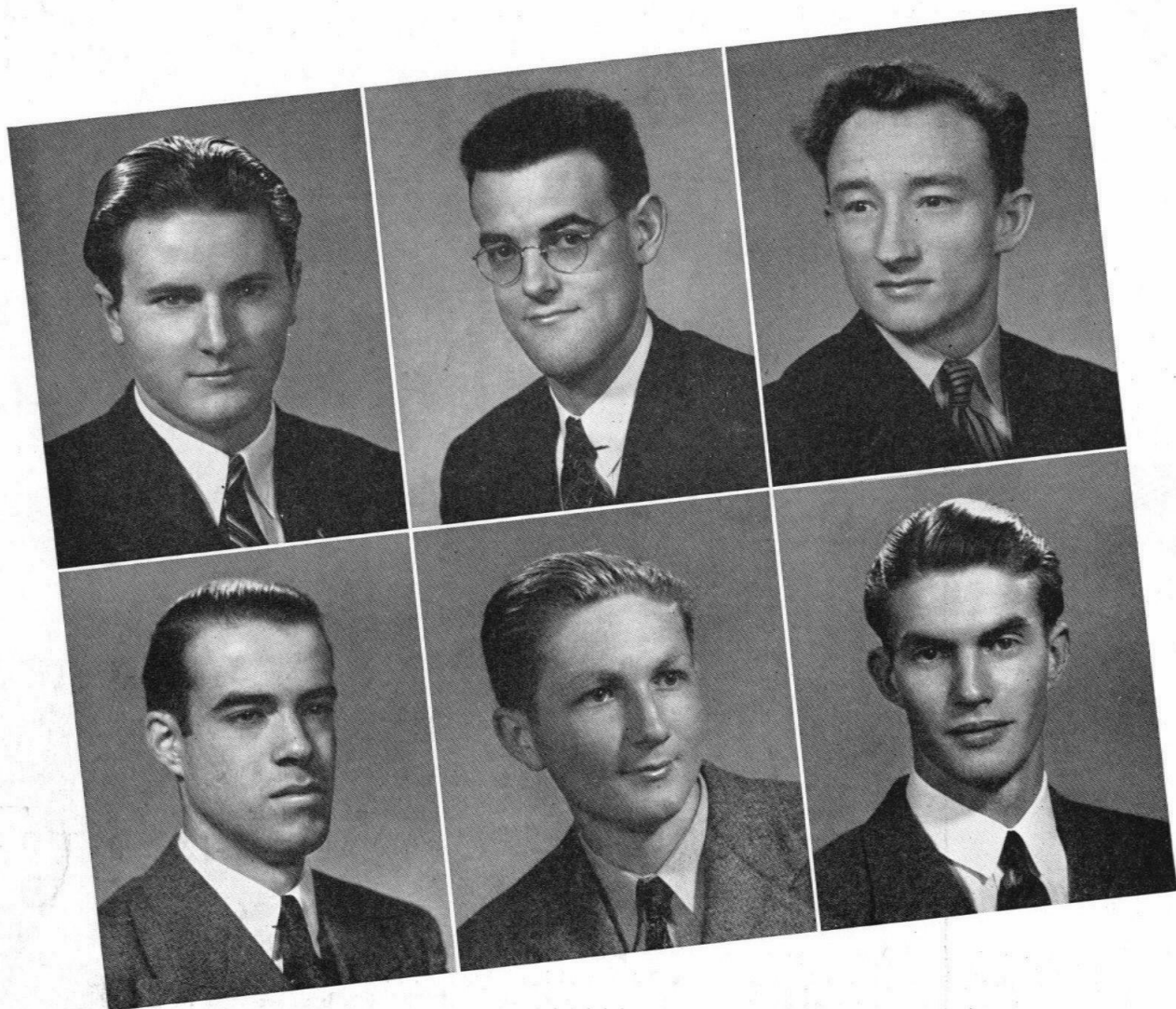
WAYNE HODDER, one of the "brains" of Ricketts House, played basketball and baseball . . . is a reporter on the California Tech . . . hails from Glendale High . . . made Tau Beta Pi in senior year . . . a mainstay of Ricketts Social Committee, he found plenty of time to go out on dates too. JAMES BYRNE HULL comes from La Jolla, California . . . member of Throop Club . . . social Chairman of Y.M.C.A. . . . member of S.A.E., I.R.E., A.I.E.E., and Musicale . . . water polo, interhouse football and basketball . . . interested in radio and Ford V-8's . . . one of the married old men of the senior class . . . plans to enter industry upon graduation. ROBERT A. MOORE came to Tech from P.J.C. in 1941 . . . member of Throop Club . . . active in the A.I.E.E. . . . enjoys hobbies of photography and desert travel . . . will enter industry in June if the Army doesn't catch him. Another P.J.C. man, LAWRENCE PUGH came to Tech in 1941 . . . president of Christian Endeavor Society and member of Monrovia Youth Council . . . member of Throop Club and A.I.E.E., he has recently pledged Tau Beta Pi . . . enjoys photography, music, hiking, and puttering in his workshop in his spare time. GEORGE MICHAEL SAFONOV was born in Iraq, a refugee from the Reds in Russia . . . captain of frosh water polo squad . . . enjoys swimming . . . a married man . . . enjoys a good bull session . . . famous for his humor . . . has helped with Y.M.C.A. publicity . . . member of Throop Club.

ROBERT MOORE

LAWRENCE PUGH

GEORGE SAFONOV





CURTIS SMITH
WILLIAM THOMPSON

WILLIAM SNYDER
ERNEST WADE

PAUL THIENE
JAMES YOUNG

CURTIS SMITH is a member of Blacker . . . an E.E. who spent his last year teaching a lab. course . . . member of A.I.E.E. and I.R.E. . . . played frosh baseball and tennis . . . interested in boats and radio . . . in the Army Signal Corps Reserve. . . . WILLIAM SNYDER entered Tech from Van Nuys, California . . . a member of Throop Club, William delights in fencing and boxing, amateur radio, and travel . . . was sophomore cross-country manager and secretary-treasurer of Tech's chapter of the A.I.E.E. . . . also a member of the Radio Club, I.R.E., and of Tau Beta Pi . . . going into the Army Signal Corps. . . . PAUL G. THIENE JR. entered Tech as a freshman from P.J.C. . . . has distinguished himself scholastically and wears the key of Tau Beta Pi, serving as their vice-president . . . also president of the "Y" and a member of the Beavers . . . somewhere he seems to find time for music, book collecting, and chess . . . an excellent squash and badminton player. . . . WILLIAM CHARLES THOMPSON JR. came to Tech from Alhambra High School . . . has been a member of Throop Club, enjoying hiking and auto mechanics . . . always seems to be puttering with a car . . . belongs to the A.I.E.E., S.A.E., and I.R.E. . . . will see service in the Army Signal Corps. . . . ERNEST WADE, transferring from L. A. City College in his junior year, amazed Techmen by working part-time and still pulling down enough grade-points to make Tau Beta Pi . . . also finds time to belong to Throop Club, the Musicale, and A.I.E.E., and to enjoy radio, hiking, and stamp collecting. . . . JAMES ARTHUR YOUNG came down from Seattle to major in E.E. . . . a Ricketts man, Jim played frosh football, interhouse basketball, track, and football . . . vice-chairman of the A.I.E.E., Pi Kappa Delta member, debater, band man, U.C.C., and philosopher, Jim still found plenty of time for his fiancee at Scripps . . . now a member of the Army Signal Corps Reserve. . . .

ELECTRICALS



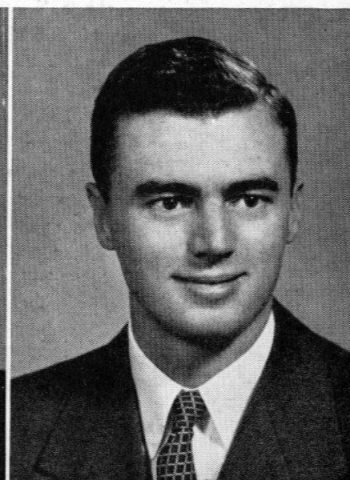
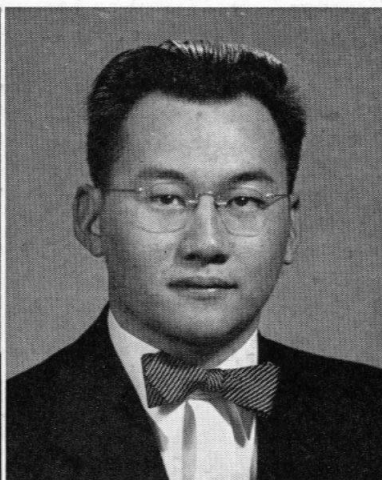
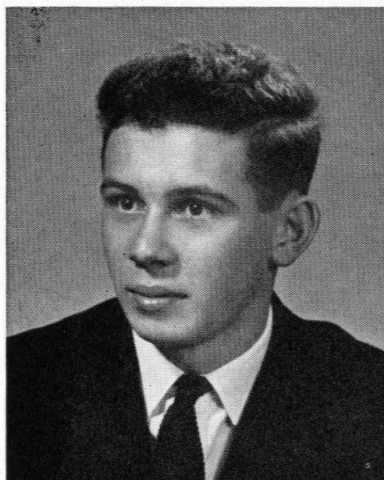
MECHANICALS

LEONARD S. ALPERT admits having come from Buffalo to become an M.E. . . . "T.B." will be remembered for his ready wit . . . as well as making friends . . . "Stump" took an active part in house activities . . . athletic manager and vice-president of Fleming House, sports editor of Calif. Tech, and treasurer of Tau Beta Pi . . . member of Beavers, Press Club, A.S.M.E. and S.A.E. . . . EDWARD BAN is an M.E. from Blacker . . . member of A.S.M.E. and S.A.E. . . . entered Tech from University of California . . . has been looking forward to graduation for years. . . . ROBERT HORACE BASHOR, more commonly known as "Bubbles," became president of Fleming House and A.S.B. Rally Committee Chairman . . . played football as a frosh . . . also varsity soccer for two years . . . a member of the Beavers, his heart belongs to the Navy until the push is over . . . a likeable fellow, but definitely a smoothie. . . . Proudly shouting the praises of Long Beach, ROBERT LAURANCE BENNETT entered these halls of learning in 1939 . . . Bob thrills "Scripps skirts" with rides in his Cadillac . . . loyal band member for four years . . . needs little coaxing to play golf or to get in a "bull session" . . . frosh swimming and water polo, varsity soccer, A.S.M.E. and S.A.E. . . . climaxed his academic career by making Tau Beta Pi. . . . Hailing from Lodi, JOHN W. BEWLEY has been one of the better dressed and more active men of the class . . . vice-president of Ricketts . . . member of A.S.M.E. and interested in photography and flying . . . goes on active duty in U.S.N.R. in June . . . moved off campus this year to study . . . "Swingding" is engaged to be married . . . lucky boy. . . . JAMES ARTHUR BLAYNEY almost disappointed Tech when the Air Corps threatened to jerk him prematurely . . . from Fowler, "Butch" hasn't let four years of football and two of soccer interfere with his studies . . . vice-president of S.A.E. and Varsity Club, member of Tau Beta Pi, Beavers, and Board of Control . . . will help "keep 'em flying for the duration. . . .

LEONARD ALPERT

EDWARD BAN

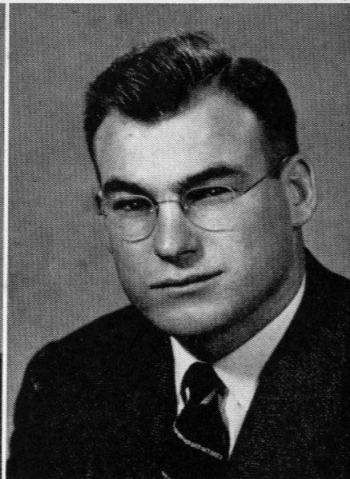
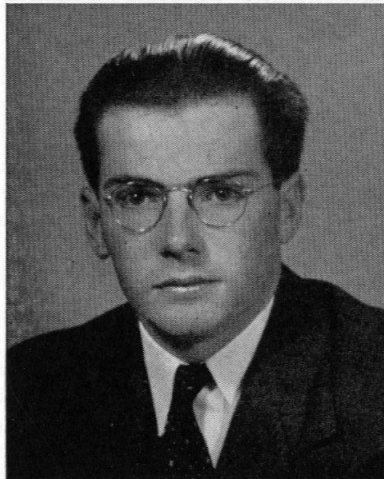
ROBERT BASHOR



ROBERT BENNETT

JOHN BEWLEY

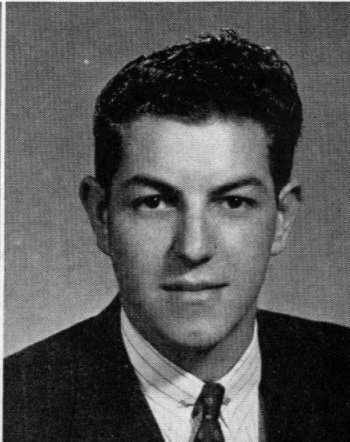
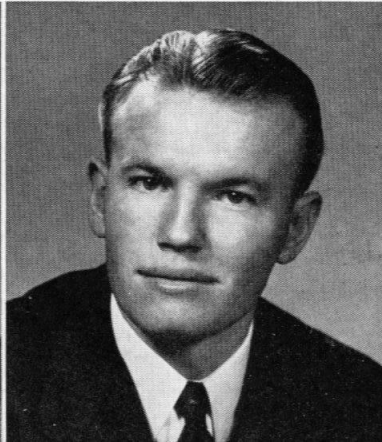
JAMES BLAYNEY



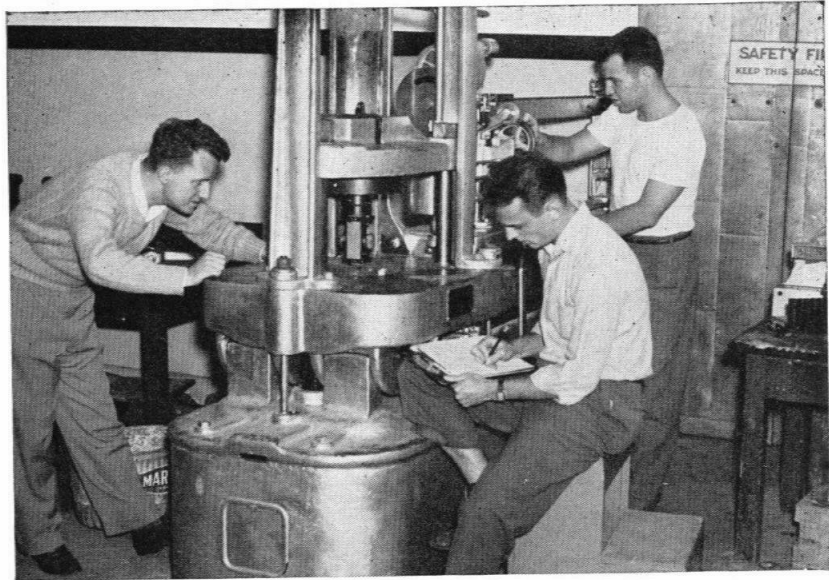
GLEN BRACKEN

ROBERT BRAGG

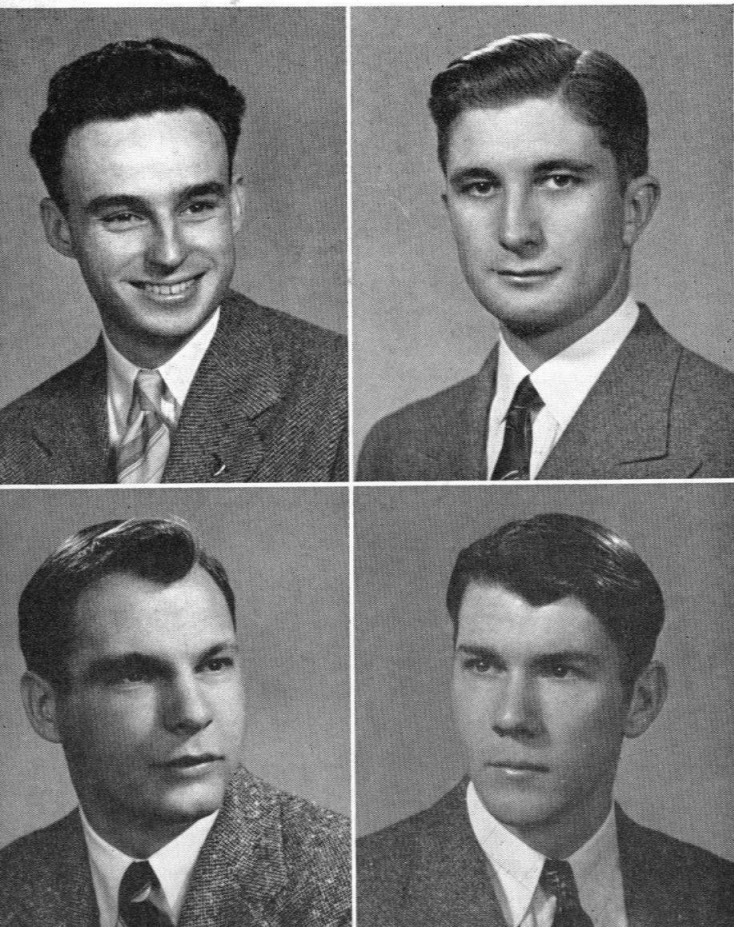
EDDIE BROWN



GLEN RUSSELL BRACKEN is a man who spends most of his time hunting or fishing, or talking about it . . . president of Phi Kappa Delta . . . member of A.S.M.E. and S.A.E. . . . a smooth man with women . . . an ensign in the Naval Reserve. Another product of Fowler, ROBERT M. BRAGG, or "Belittlin' Bob," grinned his way through Tech as an M.E. . . . active on campus, Bob was vice-president of the A.S.B., president of Tau Beta Pi and Beavers, chairman of the Board of Control, secretary of the A.S.M.E., and member of S.A.E. and Fleming House . . . for the duration, Bob will keep the motors of the Army Air Force roaring. EDDIE I. BROWN came to Tech as a junior from U.C.L.A. . . . supporter of Dabney House athletics and social affairs . . . enjoys camping and tinkering with cars . . . member of A.S.M.E. and Tau Beta Pi . . . connected with Army Air Corps. Hailing from nearby Alhambra, GLENN H. BROWN is a familiar sight among the bridge players of Throop Club . . . played frosh and house football . . . relaxes at archery, swimming, hunting, fishing, and ice skating . . . will soon be addressed as Ensign Brown, U.S.N.R. WAYNE H. BROWN came to this seat of learning from L. A. with a "hot rod" and has been tinkering ever since . . . a Ricketts man, Wayne saw active duty as an Ensign this past summer . . . member of A.S.M.E. and S.A.E. . . . boxes, runs cross-country and is an old married man. DWIGHT BUETTELL settled down with his true love, ME., after being a victim of Swifty's decimation . . . treasurer of P.K.D. and secretary-treasurer of S.A.E. . . . a debater who branched out onto the stage . . . also used his wind to good advantage as a cross country and track man . . . spent most of his time trying to get his Model A running. CLAUDE L. CARTER majored in both C.E. and M.E. but managed to find time for all house athletics and varsity baseball . . . athletic manager of Blacker and member of frosh Y . . . Claude also belonged to A.S.M.E. and S.A.E. . . . in Army Air Corps Reserve.



Lester "Pop" Neufeld, Oscar Terrell, and Everett Macartney run a strength test in the mechanical lab.



GLENN BROWN

WAYNE BROWN

THEODORE BUETTELL

CLAUDE CARTER

MECHANICALS

DAVID ELMER

HOWARD FARMER

ROBERT FRANCIS

ROBERT FROST

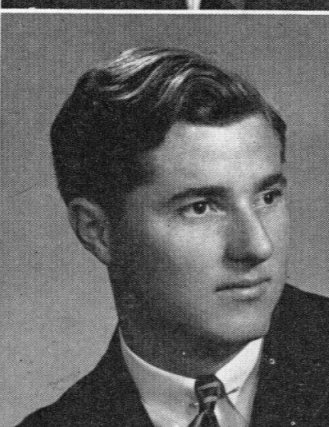
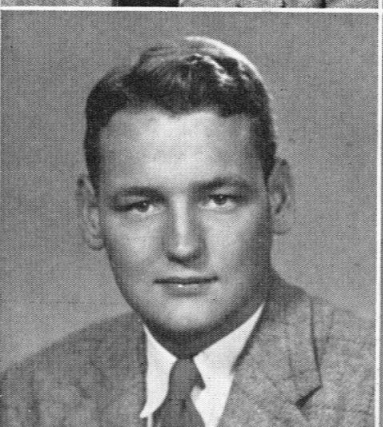
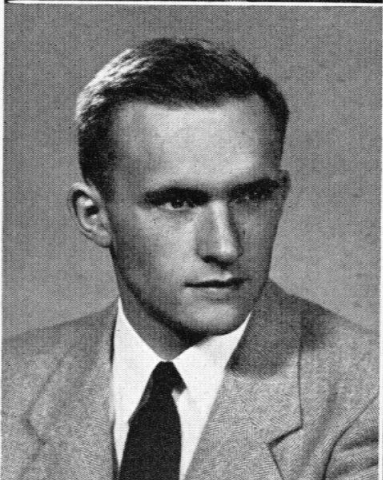
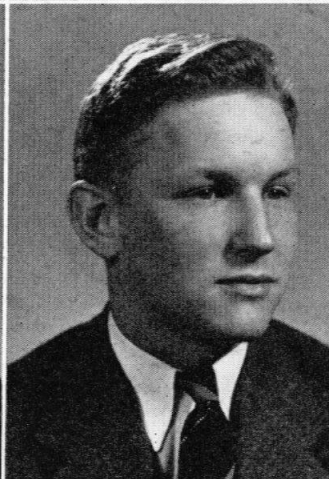
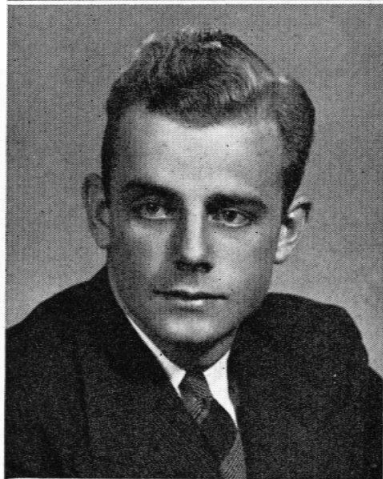
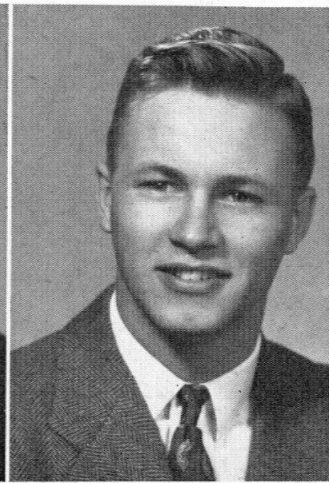
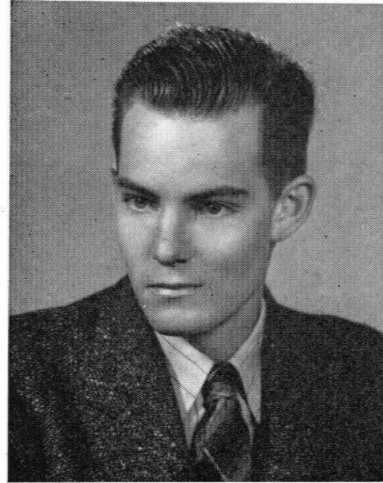
GEORGE GRIFFITH

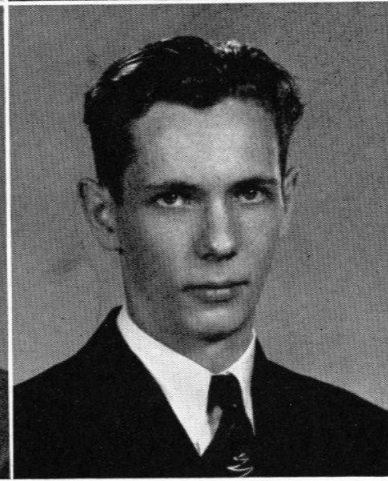
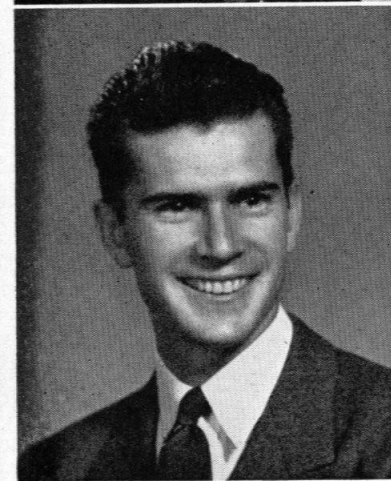
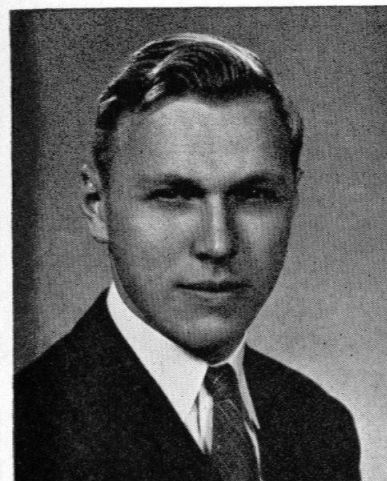
ROBERT GUSTAVSON

WILLIAM HALPENNY

HOLLIS HANCHETT

An activity man coming from South Pasadena in '37 with thoughts of Applied Chemistry, DAVID A. ELMER changed his mind in favor of Mechanical Engineering . . . got around to playing interhouse softball, football, basketball, plus scrub football and varsity baseball . . . was Throop Club athletic manager, pledgemaster, and vice-president . . . Naval Reserve has him now. . . . An all-round man, HOWARD N. FARMER JR. entered as a frosh from Fallbrook . . . better known as "Howdy" . . . frosh football, track, and swimming . . . enters all house sports . . . goes for the women in a big way . . . member of Press Club and Dabney Hunt Club . . . Dabney House upper class committeeman for two years . . . co-editor of the Little T. . . . ROBERT MILTON FRANCIS is an M.E. who is interested in hopped-up cars and stamps . . . member of A.S.M.E. and S.A.E. . . . spends a lot of time in Claremont at a certain institution for girls . . . always likes to get into discussions on the finer things of life. . . . ROBERT CARLTON FROST . . . Schlitz and this M.E. are the pride of Milwaukee, Wisconsin . . . amazed all by doing so much with so little noticeable effort . . . member of Tau Beta Pi, Press Club, Varsity Club and A.S.M.E. . . . played four years of baseball, captain in '43 . . . business manager of California Tech . . . Honor Key. . . . GEORGE DURWARD GRIFFITH waddled in from Anaheim, Calif. . . . "Griefiths" is one of the more rugged M.E.'s . . . Ricketts athletic manager and president . . . football and track . . . member of A.S.M.E. . . . interested in ocean racing . . . always taking vacations to go sailing . . . skippered his boat to second place in the 1941 Honolulu race . . . also has quite a way with the women . . . moved off campus senior year to study, supposedly . . . takes over duties in U.S.N.R. after graduation. . . . Long and lanky ROBERT G. GUSTAVSON hails from Evanston, Illinois . . . distinguished himself as a photographer . . . member of Ricketts, Press Club, S.A.E., A.S.M.E. . . . "Gus" has been track manager and a mainstay for the Big T staff for years . . . photographic editor of this year's Big T and a frosh drawing instructor. . . . WILLIAM H. HALPENNY wandered into Tech from Riverside in 1939 . . . became president and treasurer of Ricketts House, assistant treasurer of the A.S.B., and an Honor Key man . . . a Beaver, "Halp" was on the Big T staff, band, California Tech, Election Committee, Frosh Camp Committee, and is a big gun of the ski team . . . worked in wind-tunnel in spare time . . . a footballer as well . . . likes the "great out-of-doors" and enters the Naval Reserve this year. . . . An Inglewood boy, Ricketts man, and an M.E., HOLLIS K. HANCHETT likes his modelcrafts and music . . . won his C.A.A. wings and joined the Air Corps Reserves . . . "Holly" has been a worker, earning half his school expenses . . . also won numerals in football, track, and baseball . . . plays a mean game of handball . . . a heartbreaker with the women. . . .





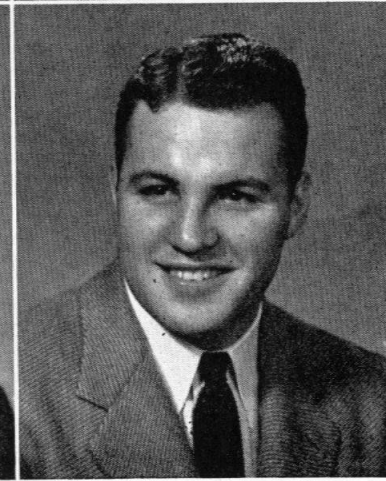
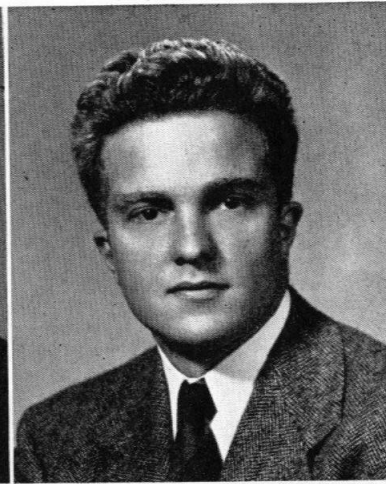
KENNETH JOHNSON

LAWSON JONES

GEORGE KENDALL

ROBERT LARSON

Practical experience in the materials testing lab.

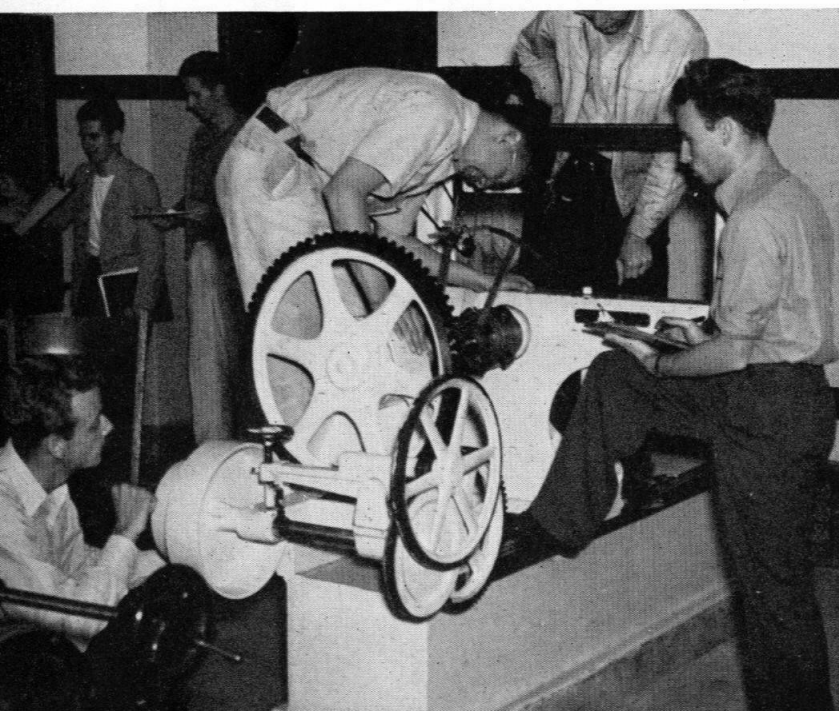


HERBERT LASSEN

THEODORE LAWRENCE

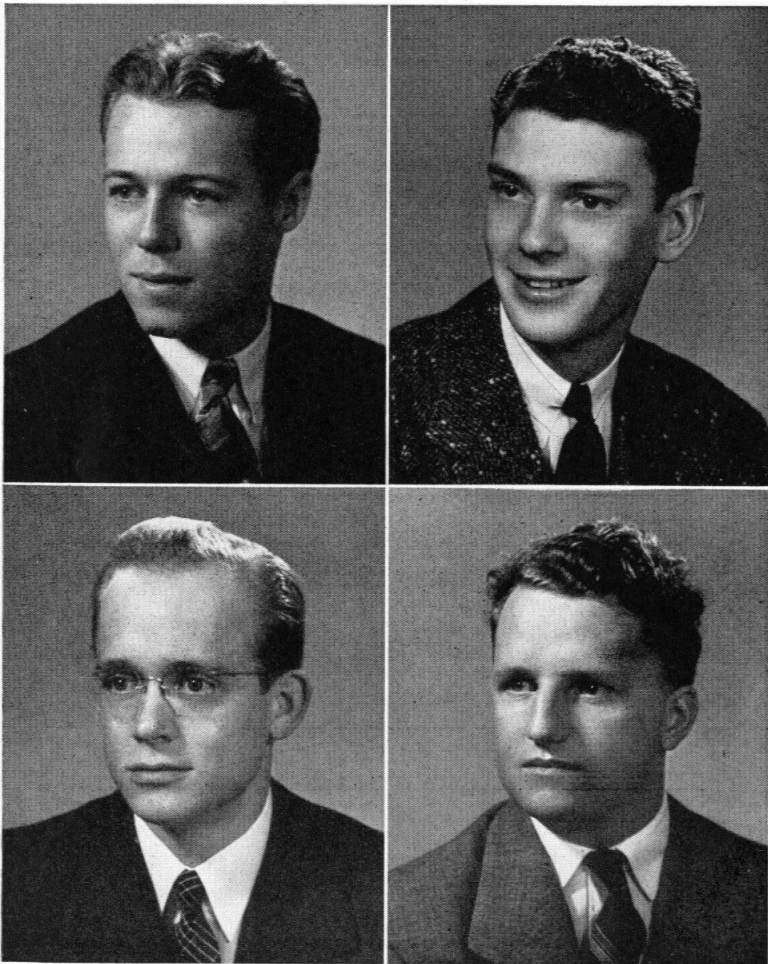
HARRISON LINGLE

EVERETT MACARTNEY



MECHANICALS

KENNETH W. JOHNSON, although from Palo Alto, forsook Stanford in order to take advantage of educational opportunities at Tech . . . "Kilowatt" is a Fleming leather-lunger, a member of the Beavers, vice-president of Press Club . . . climaxed his extra-curricular work to become finally co-editor of the California Tech . . . known for his poker face wit . . . will make some girl a good husband Leather-lunger W. LAWSON JONES, Ensign U.S.N.R., was vice-president of his frosh class, president Frosh Y, Rally Committee chairman, member of A.S.M.E., S.A.E., and Ricketts Social Committee . . . "Laughing-Boy" delights in "working at cars" and throwing screwball, but sometimes successful parties . . . an all around good man GEORGE A. KENDALL entered in '38 . . . missed a year to build airplanes and get married . . . came back to lead an active student life . . . played three years of varsity basketball and frosh baseball, basketball, and football . . . George is a member of the Beavers and Throop Club . . . comes from South Pasadena ROBERT LARSON entered Tech from Greeley, Colorado . . . a "hot car" and model airplane fan . . . a conscientious member of Throop Club and the A.S.M.E. . . . worked week ends at the local "Market Basket" and made Tau Beta Pi his senior year as well HERBERT ARTHUR LASSEN is a prominent member of Blacker House . . . sports include water polo, track, swimming, and boxing . . . secretary-treasurer of Blacker, secretary of Tau Beta Pi, student chairman of A.S.M.E. and member of S.A.E. . . . outside interests include good music and hiking . . . he has a way with women . . . in U.S.N.R. THEODORE GIBSON LAWRENCE entered as a frosh from L. A. High . . . "Hoot" majored in women and golf . . . allergic to snaking, but wears the Tau Beta Pi key . . . secretary and U.C.C. of Dabney . . . member of the Board of Control and chairman of the Court of Traditions . . . plays baseball, football, and volleyball . . . is well known for his sense of humor and collection of hats



ROBERT McLEAN

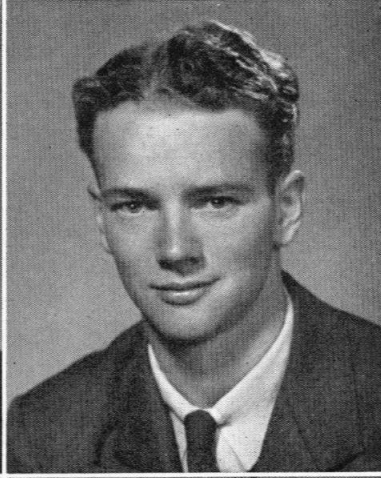
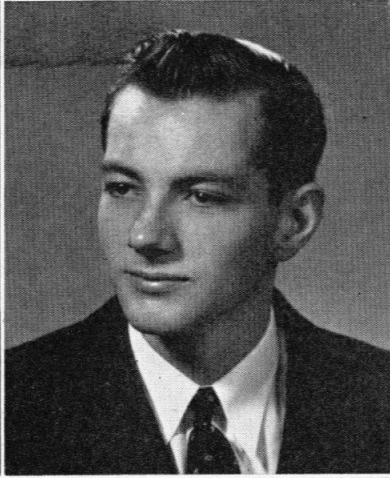
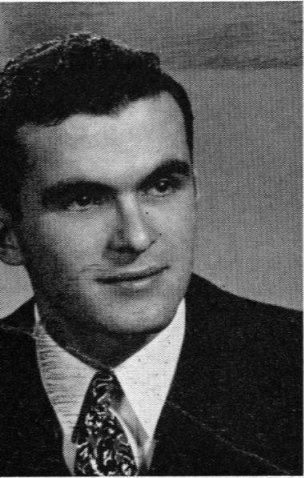
RICHARD McWETHY

ORIN MEAD

LESTER NEUFELD

HARRISON LINGLE, the pride of Evanston, Illinois . . . calls himself an M.E. . . . "Skel" skied, bulled, and was a general "good guy" for four years at Tech . . . organizer and president of Fleming's "Alley Five Enterprises" . . . Fleming U.C.C., house cross country, and track . . . member of A.S.M.E. and S.A.E. . . . Tech's loss will become the Air Corps' gain after graduation Athlete EVERETT MACARTNEY, trackman and captain of football team in '42, was secretary of Ricketts House, 2nd Rep., athletic manager, senior class president, sec.-treasurer and vice-president of the Beavers, members of Varsity Club and A.S.M.E. . . . two honor keys . . . with his genial laugh, minus his beer at Gambrinus, "Heavy Evy" will see action in the U.S.N.R. Entering Tech from P.J.C. in '41, ROBERT FRANCIS McLEAN, athletic collector of first editions of poetry and fiction books, graduates as vice-chairman of Tech's A.S.M.E. . . . between research and summer at Lockheed, "Mac" was '42 Decathlon winner, member of conference champion track team of '42 and captain of same in '43 . . . participated in intramural basketball and football as a Throop man RICHARD E. McWETHY came to Tech from Illinois . . . sports include frosh football, basketball, baseball, and varsity football . . . a member of A.S.M.E. and athletic manager of Blacker . . . interested in sailing . . . ensign in Naval Reserve ORIN JOHNSON MEAD from Boulder City, Nevada, is one of Fleming's leather-lunged track, cross country, and tennis dependables . . . "O.J." is a member of the "anytime golf or cinema club" . . . served as assistant publicity manager for two years . . . member of S.A.E. and Tau Beta Pi . . . change O.J. to Ensign Mead, U.S.N.R., for the duration LESTER N. NEUFELD is one of the few married men in Tech . . . took his education in two installments . . . entered in '36, took three years off . . . finishes this year with a young son to his credit . . . a member of S.A.E. and A.S.M.E. . . . dabbles in photography, and devotes spare time to technical labs.

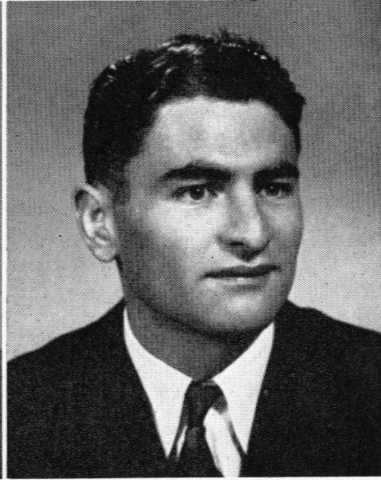
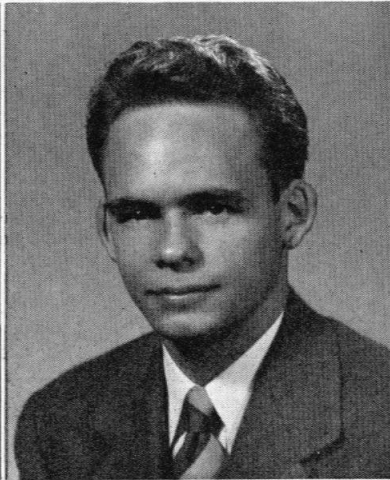
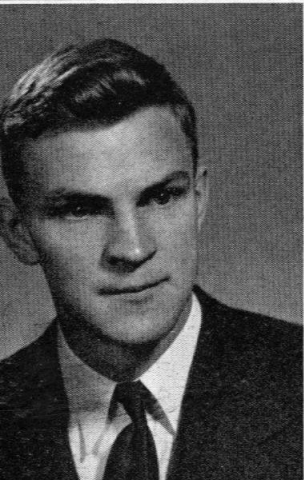
MECHANICALS



DOUGLAS REID

ALEXANDER RIDLAND

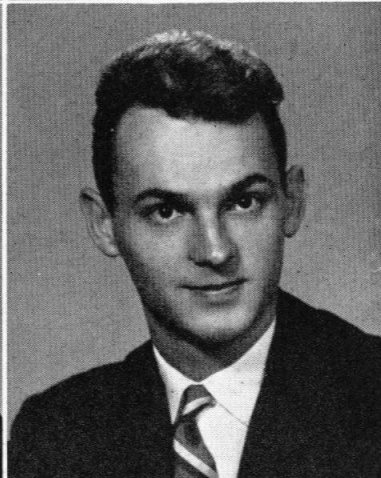
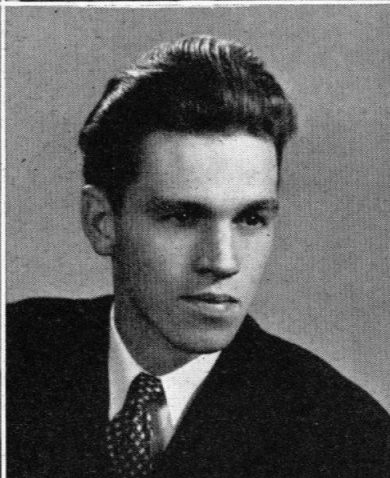
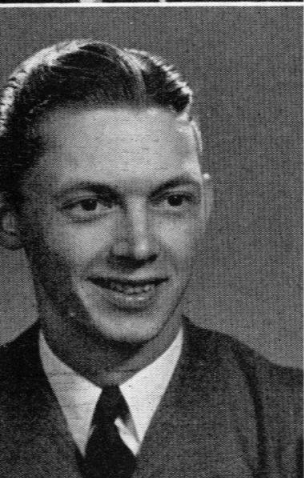
ROLAND SAYE



ARTHUR SCHNACKE

DAVID SHONERD

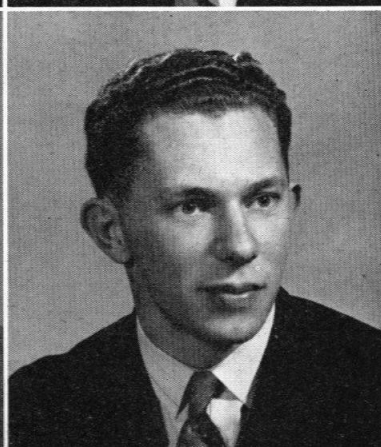
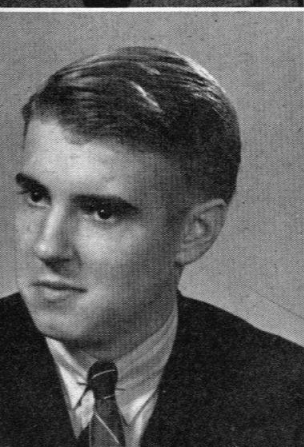
RICHARD SUTTON



RAY TEDRICK

FREDERICK TENNEY

OSCAR TERRELL



ALLEN WEEKS

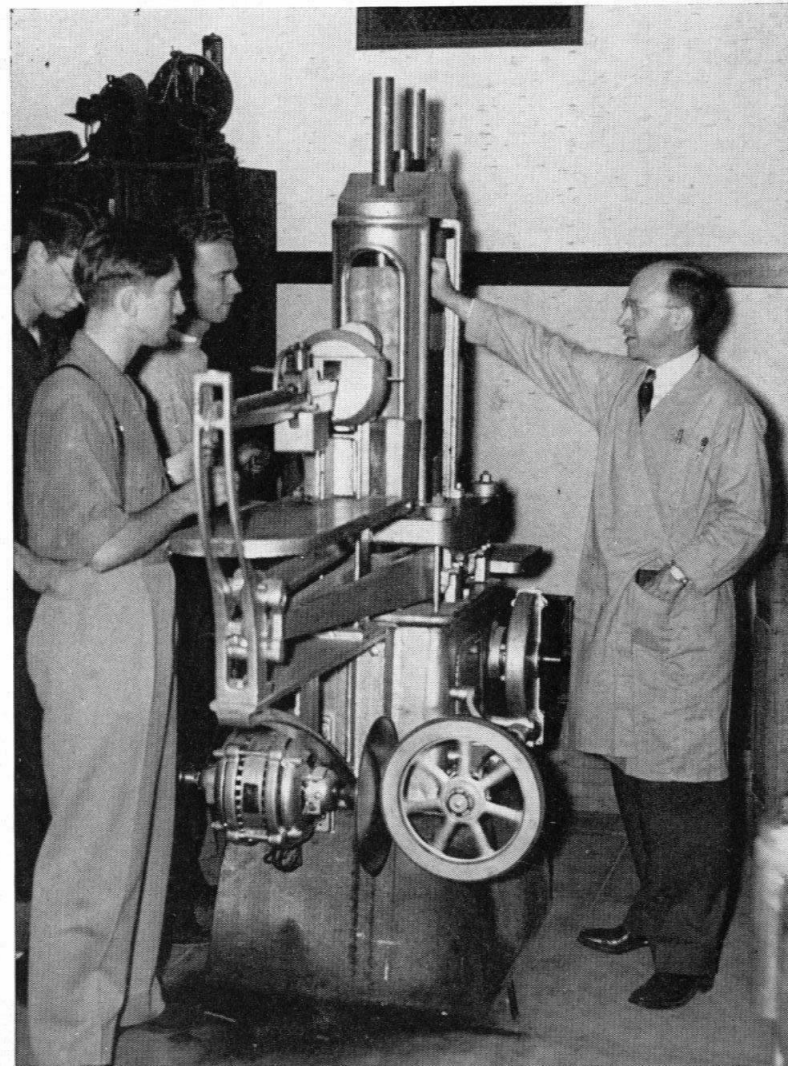
WAYNE WHEELOCK

RALPH WILLITS

DOUGLAS REID transferred from U.C.L.A. as a sophomore . . . "Rabbit" ran the sprints for two years on the varsity track team . . . member of the Rally Committee, treasurer of his class for two years, social chairman of Fleming, Varsity Club member . . . Doug got good grades all the way through . . . will soon be an ensign for Uncle Sam. ALEXANDER C. RIDLAND entered as a frosh in '38 from Flintridge Prep . . . "Sandy" originally hails from Scotland . . . a U.C.C. and member of Dabney Hunt Club . . . a demon on water skies and tinkering with "hot rods" . . . did 120 m.p.h. at Muroc Lake . . . lettered in soccer and played varsity football . . . member of Ski Club . . . heading for E.R.C., unassigned, and hoping for Air Corps Engineering. ROLAND S. SAYE, a soccer man from L. A. . . . took time out to work for Lockheed's tooling and experimental departments for a year . . . a Blacker man, archer, and a married man, Saye looks to the U.S.N.R. at graduation. ARTHUR SCHNACKE entered Tech as a junior transfer from Cornell . . . a Phi Beta Kappa, Art won a Tau Beta Pi key . . . member of the Y cabinet and U.C.C. in Dabney House . . . excelled in house football and track . . . originator of the famous annual "Brokers Picnics" and an ardent player of the fool. DAVID SHONERD, Ricketts man from Inglewood, played basketball, football, baseball, and interhouse tennis Y president, chairman of Frosh Camp, business mgr. of California Tech, a Beaver, business manager of Alumni Review, A.S.M.E. and Press Club member . . . active, Dave likes skiing and holds an honor key. RICHARD ALVORD SUTTON, alias "Atlas," amazes Techmen with his physical powers . . . loves to relax with his weight lifting and target shooting . . . entered Tech from U.C.L.A. in '39 to become an M.E. . . . Ensign Sutton did not let his bulging biceps keep him from making Tau Beta Pi his senior year . . . a member of Throop Club and A.S.M.E.

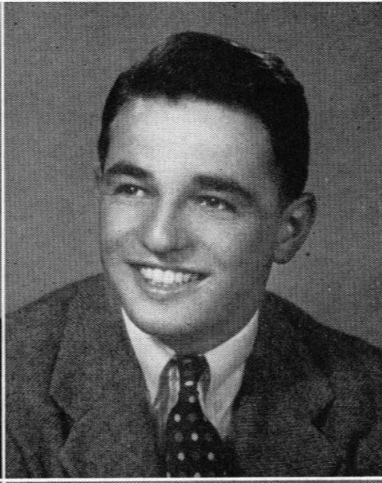
Professor Converse explains the tension machine to Alpert, McWethy, Brown and Shonerd.

RAY TEDRICK, card shark of Fleming House, hails from Lore City . . . Ray keeps in shape by pitching for both varsity and house baseball teams, and has had a large part in helping Fleming to keep the Old Lady . . . has the unique ability to extract good grades with an infinitesimal amount of snaking. Mechanical Engineer FREDERICK HAWORTH TENNEY poured in from New Jersey . . . one of the few original members of the class of '43 . . . Ricketts secretary . . . house baseball and track . . . president of Drama Club, '41 and '42 . . . member of Phi Kappa Delta . . . California Tech and Big T staffs, Rally Committee member . . . "Monster" likes journalism, reading, collecting pipes, flying, and especially "wine, women and song" . . . artistic too, Freddy's shapely silhouettes of women are campus famous . . . U.S.N.R. calling him in June. "Give me my books, beer, and women" says OSCAR TERRELL, Ricketts' Liberal U.C.C. . . . trundling out for frosh football and boxing, Oscar is a mainstay in P.E. . . . claiming to be an individual, he lends his individualism to every bull session and social activity within earshot. Coming from Alhambra, ALLEN D. WEEKS transferred from P.J.C. into Tech as a junior . . . received his commission as an Ensign in Naval Reserve . . . give him good music for relaxation . . . an active member of the Musicale, A.S.M.E. and Throop Club. WAYNE S. WHEELOCK entered this noble institution as a frosh from L. A. High . . . a quiet member of Dabney House . . . supported house football, track, and cross country . . . member of A.S.M.E. RALPH WILLITS stepped into Tech from Wrightwood, California, in '38, pneumonia forcing him to graduate at Christmas time '42 . . . Ralph sprinted for varsity track, was active in all Blacker House functions, held down treasurership for his junior year . . . sports editor for California Tech, Varsity Club, A.S.M.E., Beavers . . . Ralph serves the U.S.N.R. now.

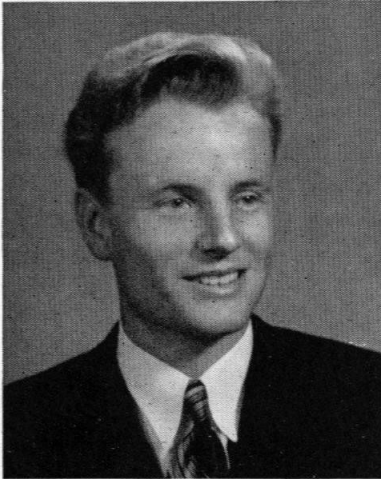




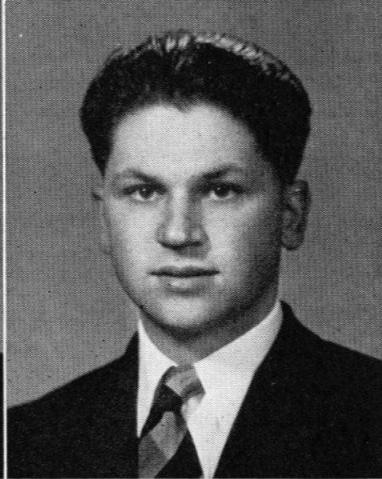
KENNETH ANSPACH



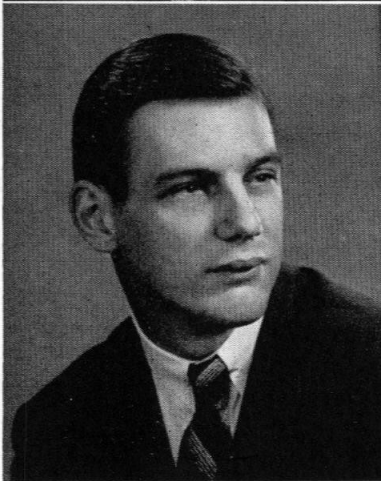
AMASA BISHOP



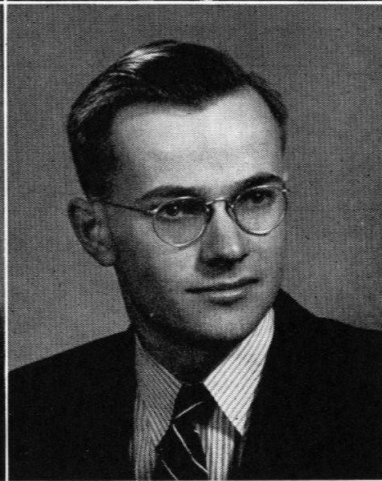
ROBERT JOHNS



DAVID KLEIN



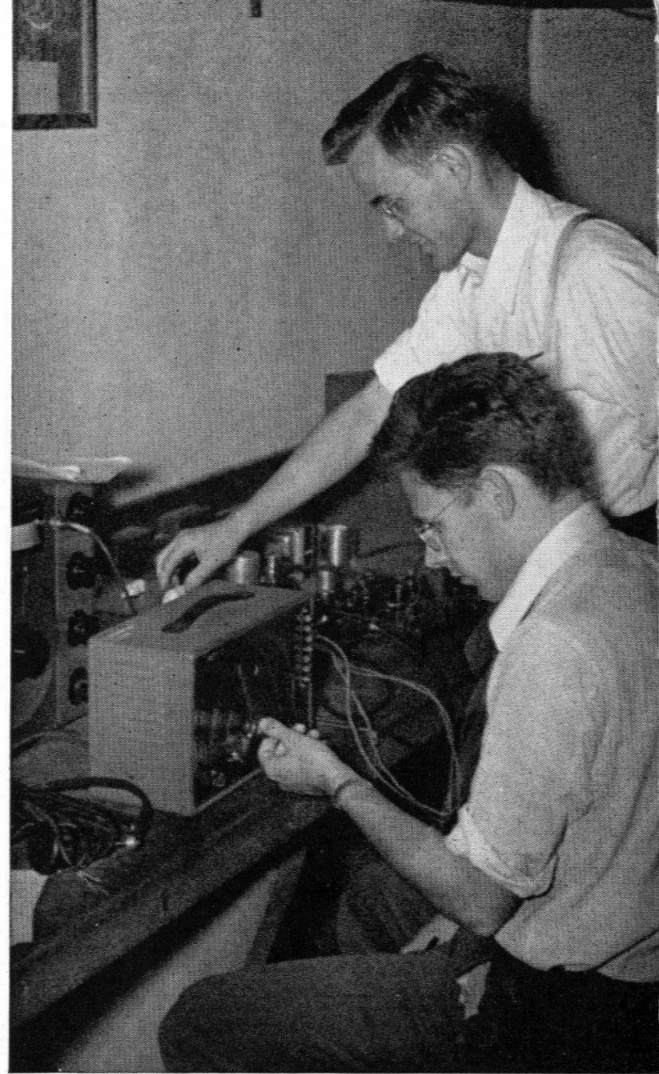
GENE LaFORGE



MELVIN MERRITT

PHYSICISTS

KENNETH E. ANSPACH, president and past social and publicity chairman of Throop Club, is Tech's foremost movie star (was an extra once) . . . a letterman in track and frosh cross-country, Ken saved enough wind to play in the band . . . he belongs to the Varsity Club, Beavers, and the A.I.E.E. AMASA STONE BISHOP is from Cleveland, Ohio . . . "Amie" is an organizer and club man . . . vice-president and secretary of the A.S.B., chairman of the Board of Control, president of his frosh class, Fleming man, member of Varsity Club, Ski Club, Beavers, Glee Club, and Musicale . . . honor key . . . played water polo too. ROBERT R. JOHNS is a super golf player . . . team captain for two years . . . also plays a good game of tennis . . . a radio "ham," Bob combines pounding the "bug" with tinkling the piano . . . a member of Throop Club, A.I.E.E., Varsity Club, and Musicale . . . will be Ensign Johns, U.S.N.R. for the duration. DAVID J. KLEIN entered Tech from Manual Arts High School of Los Angeles to major in Physics . . . a Throop Club man, Dave belongs to the Musicale and the Radio Club . . . scholastic ability is recognized by a Tau Beta Pi key . . . reputed to be the best piano player to hit Tech in a coon's age. Entering Tech in '38, ROLFE LA FORGE sojourned at Cal. to get a B.A. in psychology . . . later returned to study with Tech . . . a member of Musicale, Recording Committee chairman, and chess player . . . Rolfe plans to unite other sciences with psychology in his future research. MELVIN L. MERRITT is a Fleming "brain of brains" . . . Mel hails from Portland, Oregon . . . a two year letterman in both track and cross-country, treasurer of Fleming House, member of Tau Beta Pi and Varsity Club . . . a very likeable fellow who seems to have a vast store of knowledge on about any subject. Sunbaked from Arizona came SAMUEL POPE MORGAN JR. . . . blazing a scholastic path across Tech, Sam graduates easily with top honors . . . held down the job of recording secretary of Tau Beta Pi and did reporting and special writing for the California Tech . . . they call him a "snake" but he still gets around quite a bit. DONALD H. POTTS came to Tech from Seattle in 1939, planning to be a mathematician but switched to Physics . . . member of Blacker House for which he played football and ran cross-country . . . three varsity letters in track . . . member of Tau Beta Pi and Varsity Club.



Don Potts and Melvin Merritt finish an experiment.

SAMUEL MORGAN

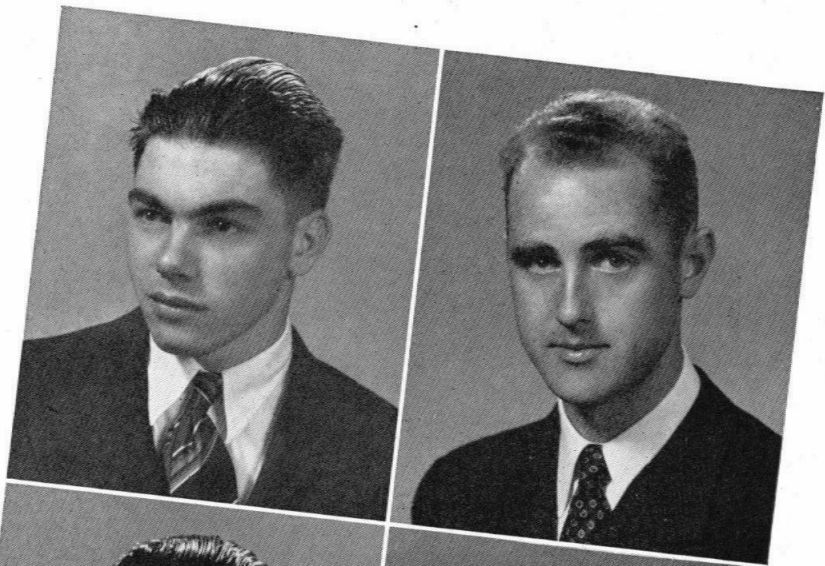
DONALD POTTS



APPLIED PHYSICISTS

WARREN CHRISTIANSON

ROBERT DAVIS



ARTHUR McCOUBREY

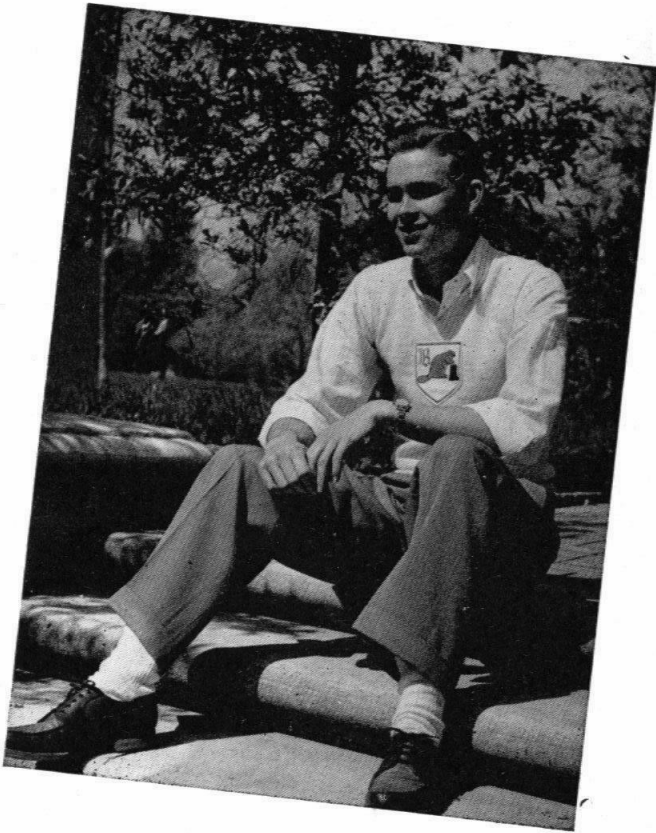
LEWIS RAMBO



WARREN CHRISTIANSON entered Tech from Riverside . . . participated in tennis and volleyball . . . putters around with radio, photography and gardening . . . as an applied physicist tries very hard to figure out why things go 'round . . . enters the U.S.N.R. after graduation. ROBERT ROSS DAVIS is chairman of Tech's waterpipe radio station, KCIT . . . skis and plays golf to keep in trim . . . member of A.I.E.E. and Chess Club . . . interested in records and radio . . . plays a mean guitar. ARTHUR O. McCOUBREY is one of the few married men of the senior class . . . active member of Ricketts until marriage . . . still finds time to chaperone Ricketts' dances . . . frosh football . . . one of the radio "bugs" of Tech . . . member of A.I.E.E. A Throop man, LEWIS RAMBO entered Tech from Lincoln High in Los Angeles . . . a water polo and swimming team man . . . enjoys Duke Ellington, boogie-woogie, and bridge . . . publicity chairman and vice-president of Throop Club . . . member of A.I.E.E., I.R.E., and Musicale. REX RHOADES coming from Seattle, entered in '39 . . . skis, plays tennis, and toots the trumpet in odd moments . . . Dabney House librarian and vice-president of the senior class . . . member of Ski Club, Dabney Hunt Club, band, and Dabney Local Brokers' Association . . . an all around socialite and an expert on records and good bands.

REX RHOADES

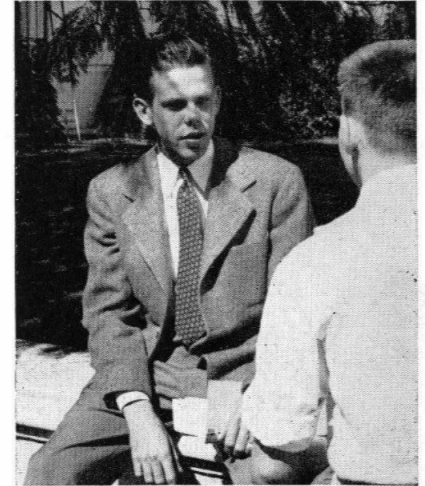
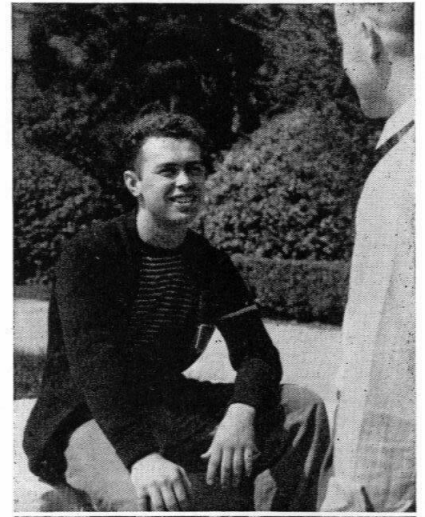




Louis Gowans, President

The Class of 1944 continued upon its travail-ridden path to graduation despite many losses to the armed services and the possibility of discontinuities when the Navy steps in in June.

President Louis Gowans gave a practical example of his leadership by being the only escaping referee at the Rodeo. The class was well represented in all fields of athletics; standouts were Jim Smith and John Nelson in football; Jim Tuedio, Nelson and Bud Olds in swimming; Tway Andrews, Dean Chapman, and "Pinky" Moore in basketball; Johnny Dimmick in tennis; Francis Odell and Bill Lundy in track. Leaders elsewhere were Holt Ashley, co-editor of the California Tech, and Willis Bussard, an outstanding campus politico.



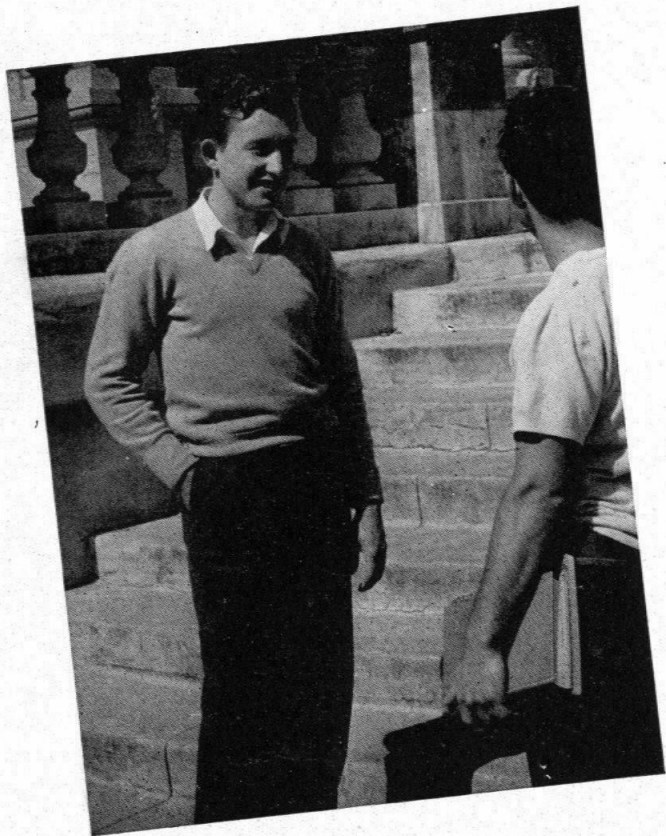
Jim Smith, Vice President
Jay Borden, Secretary
Stewart Martin, Treasurer

Juniors Jim Smith, Jack Warren and Bill Bair get the mud pit ready for the annual Freshman-Sophomore brawl.



CLASS OF '44

George "Budge" Walker, President

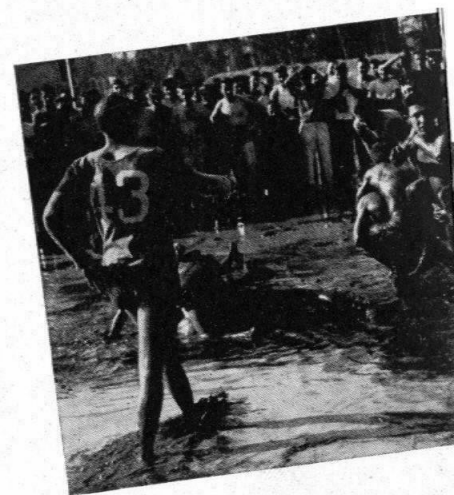


CLASS OF '45

Hardest hit by the call to the flag, the sophomore class virtually halved its enrollment during the first two terms of the '42-'43 scholastic year. Among those to leave for duty with the armed services were its well-liked president, 'Budge' Walker, two other officers, Erle Brown and Tom Stix, and one of its representatives on the Board of Control, Honor-key winner George Austin. But despite these and many other deep-felt losses, the class displayed an unusually eager spirit in athletics and student body affairs, with active participation in all the extra-curricular activities and sports.

The most notable event of the year was the successful Sophomore A.S.B. semi-formal dance given at the Altadena Country Club. Sweet music was supplied by Bob Saunders and his band, and the enthusiastic attendance gave proof of the popularity of the affair.

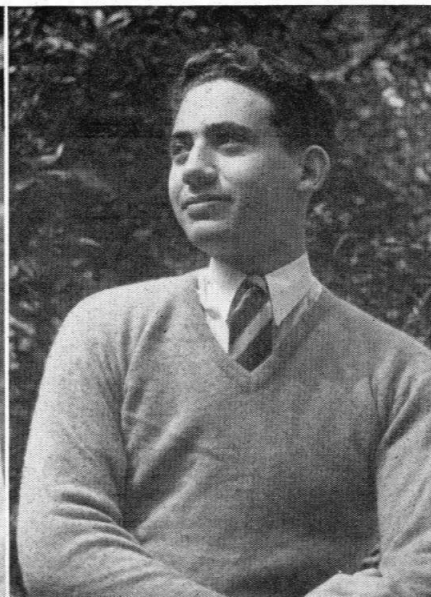
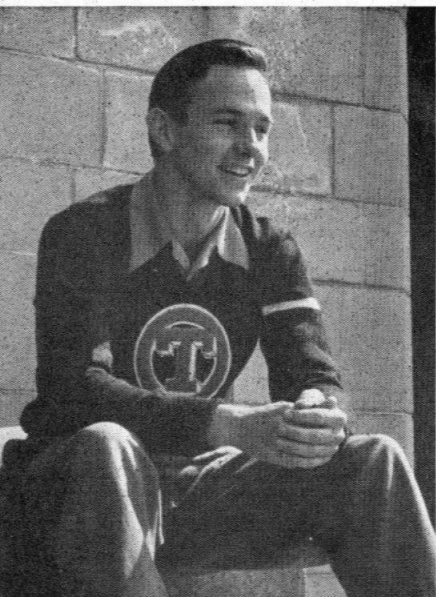
The abilities they showed give confidence of the accomplishments to come from the members of this class, former and present, in school and in the service of the country.

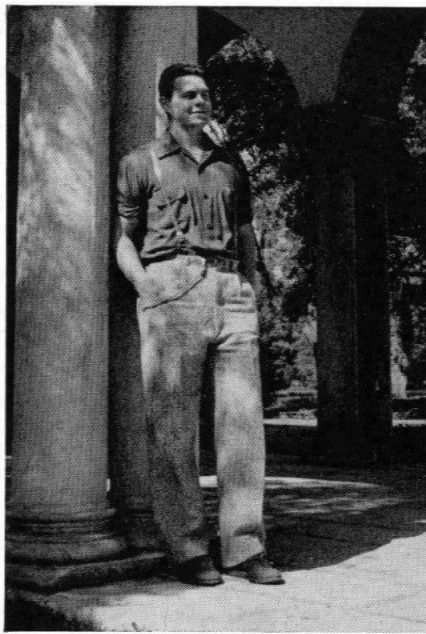


Edward "Mac" Atchison, Vice President

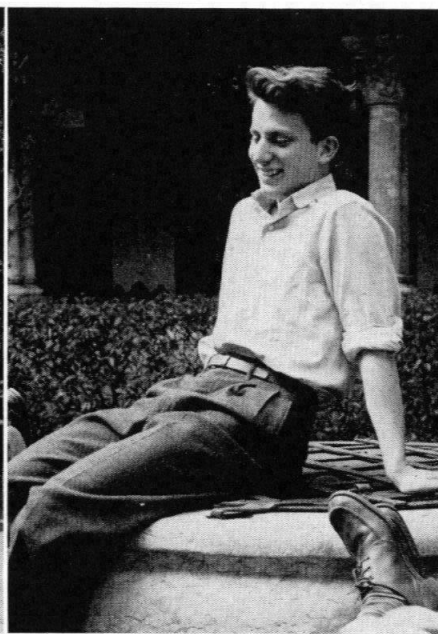
Earle Brown, Secretary

Tom Stix, Treasurer





Donald Tillman, Vice President



Stuart Butler, Secretary



George Wilhelm, Treasurer

The men of '46 started off strongly at the first of the year and entered quickly into all phases of student life. The annual Frosh camp witnessed the introduction of C.I.T. traditions and activities to the largest freshman group in Tech history. Precedence was again smashed when the highly touted sophomores were defeated in the Rodeo Day Brawl, marking the second time in the annals of the Institute that the frosh have proved invincible. The Rodeo Day Dance, paid for by the humbled sophs, was a highly enjoyable affair. An even bigger success was the well planned freshman Student Body Dance held at the Altadena Country Club as was evidenced by the large crowd it attracted.

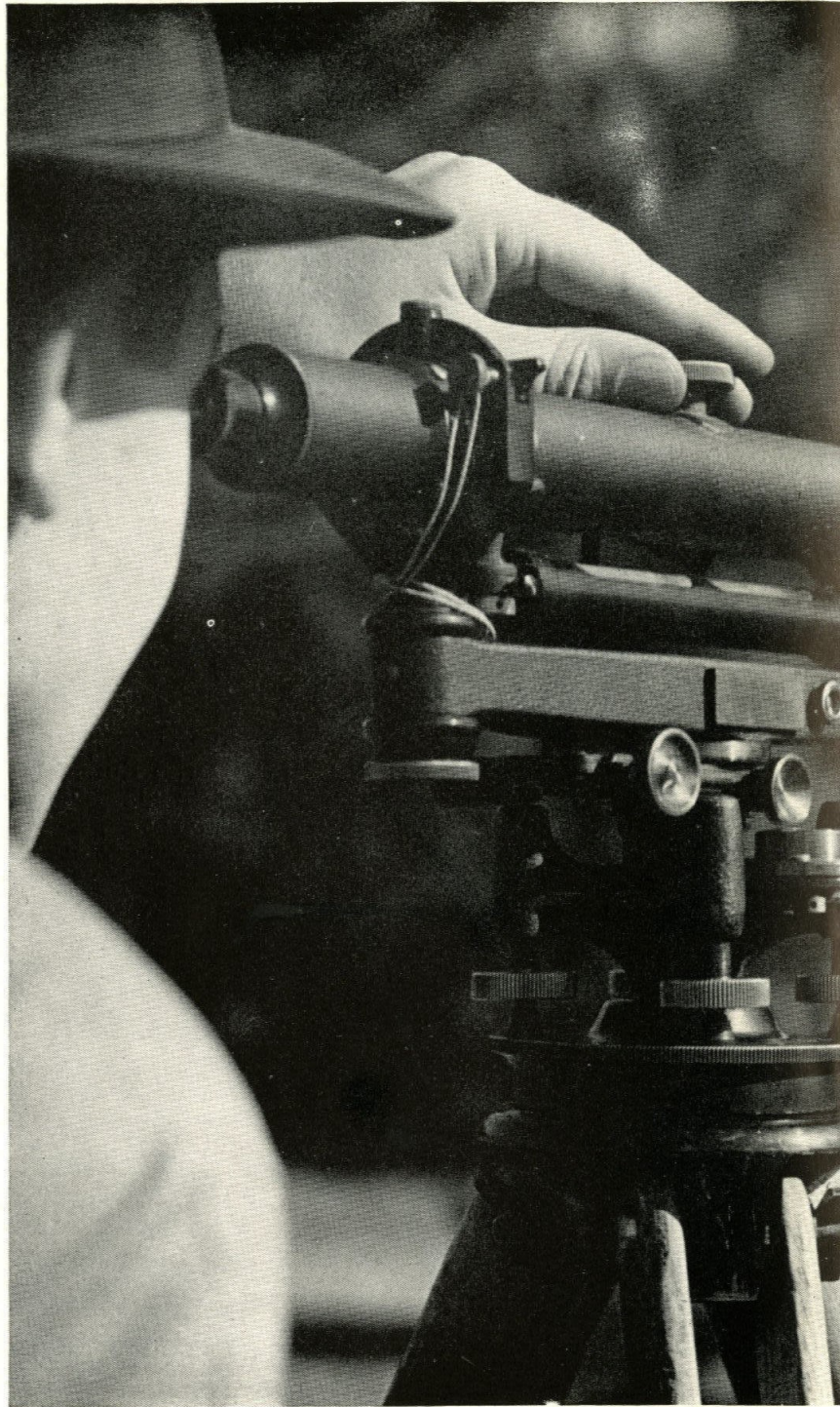
The versatile abilities of the class have been manifested through their earnest participation in extra-curricular activities. They demonstrated their desire to maintain the high Tech standards by carrying out responsibilities on the Big T staff, the California Tech, the Student Body governing board, and other committees.

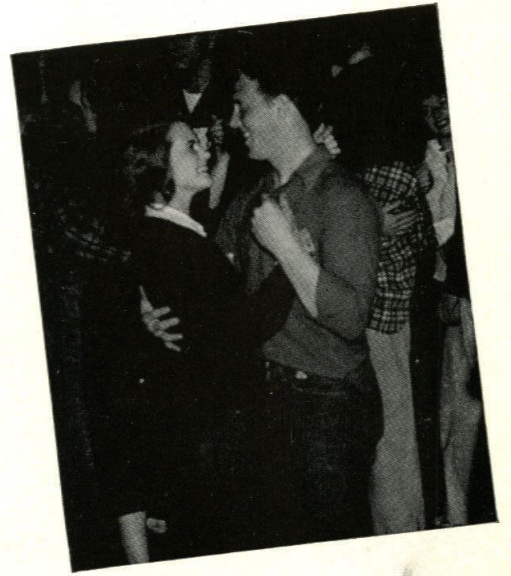
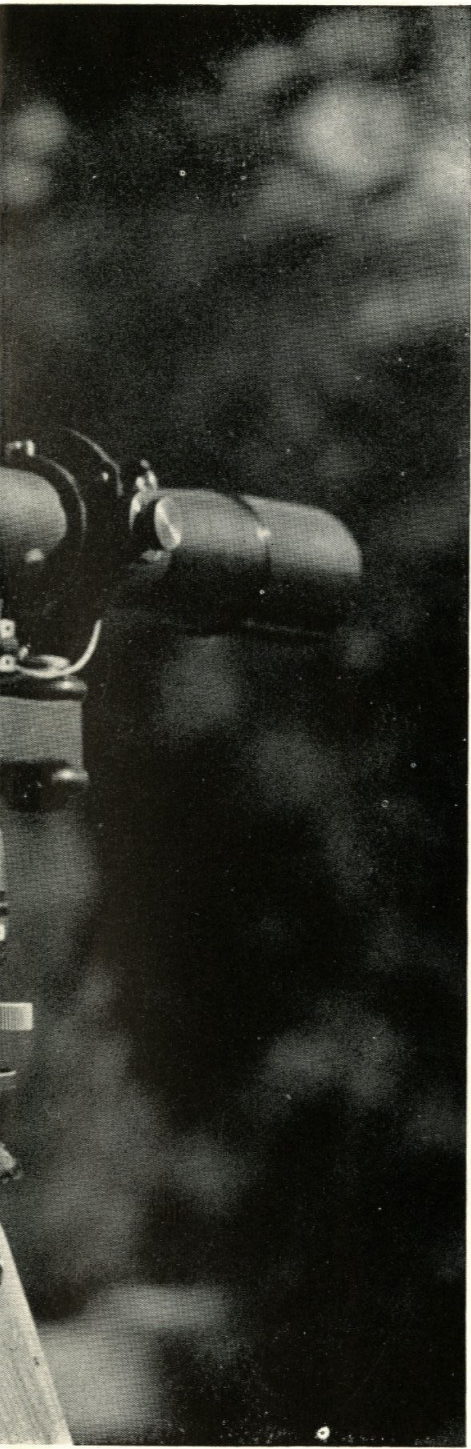


CLASS OF '46



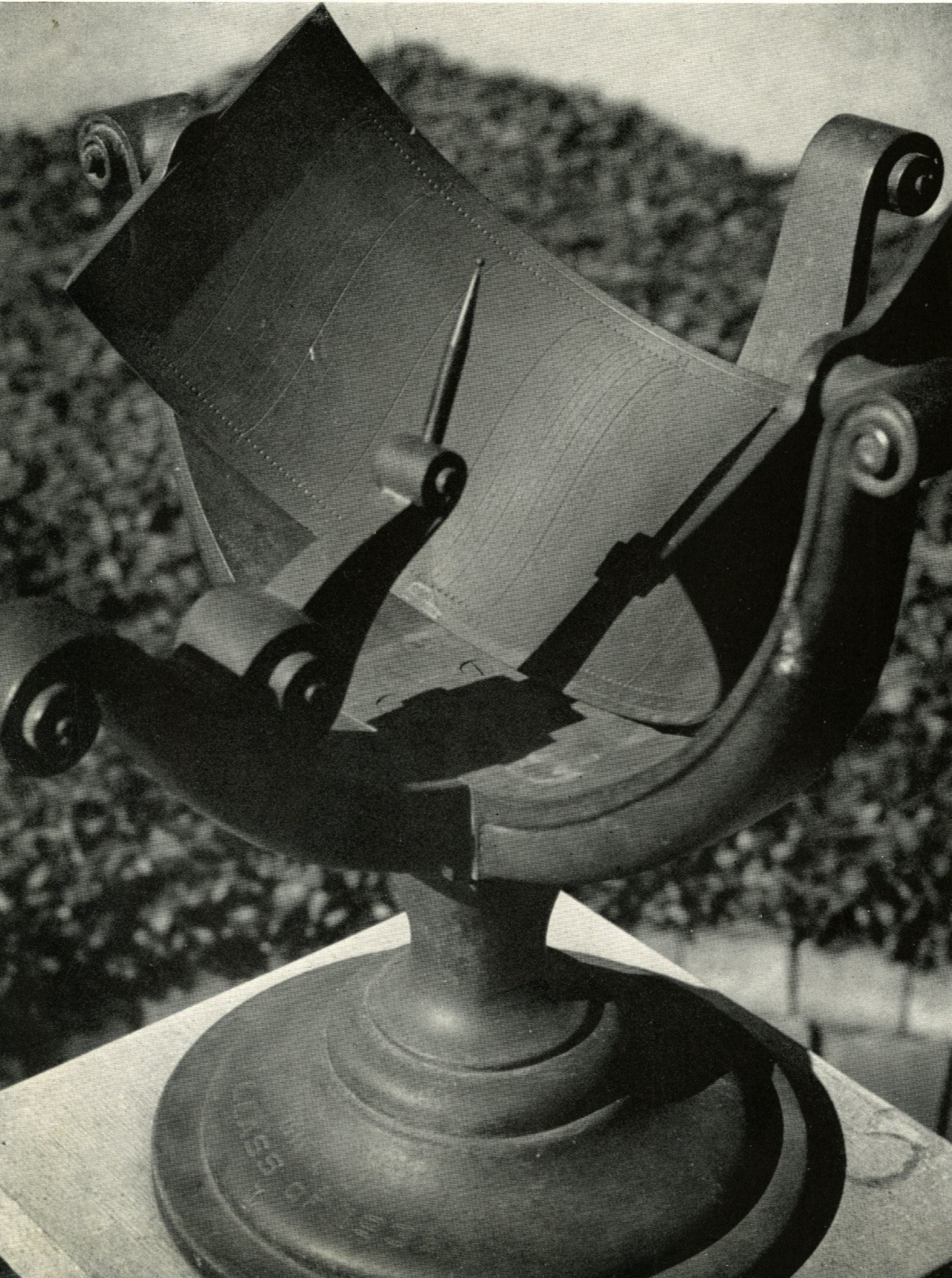
Stan Clark, President





activities

Gratitude to Caltech for its contribution to individual lives is symbolized by the class gifts which adorn the campus. The graduates of 1943, too, will be grateful, but as great as their own thanks will be that of a warring nation whose chances for victory depend so much on the scientists and engineers, many of whom owe their proficiency to a Caltech education.



STUDENT



The President of the Associated Student Body holds the highest office of the corporation. He is its official representative and he presides at all meetings. In addition to his regular job of running the A.S.B. government, he serves as chairman of the Board of Directors and as a member of the Board of Control.

Chuck Strickland has been an outstanding leader. He has managed student body affairs with characteristically cool efficiency in spite of the difficulties imposed by the war. The student body extends to Chuck its sincere thanks.

GOVERNMENT

DIRECTORATE

This has been a year of business and of change for the Board of Directors, with its membership at no time certain. Chuck McDougall was the first one to leave, beckoned by the Naval Air Corps. Johnny Adams, elected to replace him as athletic manager, left for the Army after only one term of service. Bob Bashor resigned as rally committee chairman to devote time to other duties and was replaced by Lawson Jones. Another officer who felt the call of wartime study was Amasa Bishop, whose vacancy in the vice-presidency was ably filled by Bob Bragg.

Presiding over the affairs of this changing Board was efficient Chuck Strickland, student body president. On his shoulders fell much of the burden of upholding the student's rights in a school adapting itself to wartime efficiency.

The Board found its hands filled with the problems arising from an intensified physical education program, wartime financial drives and wartime restrictions, plus the usual business of making awards, keeping finances straight, and acting as a clearing house for all student activities.

Around the Table: Bussard, Morris, Bragg, Strickland, Andrews, Carter, Jones, Moore.



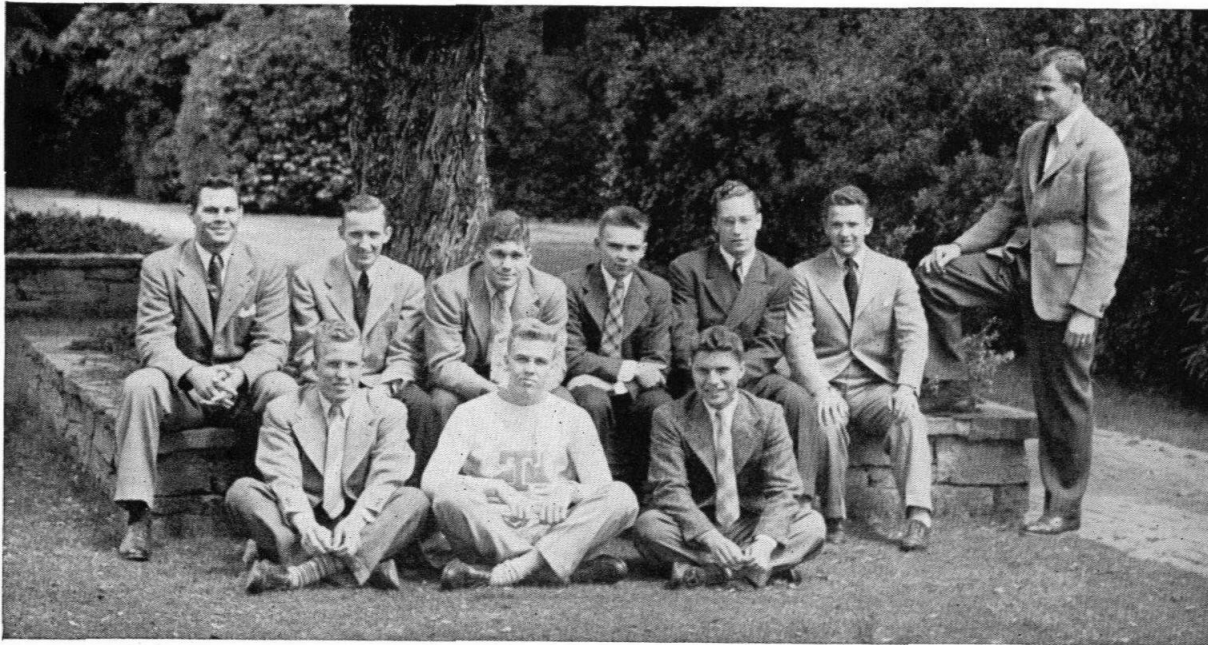


Seated: Fleischer, Andrews, Bragg, Lawrence, Blayney. Standing: Carter, Strickland, Lester, Ashley, Austin, Nelson, Fuller.

The Honor System at Caltech is an institution perpetuated by the whole-hearted cooperation of the Student Body, and the efforts of the Board of Control. Passing judgment on violations of our Honor System may be the primary duty of the board, but education of the student concerning the advantages of the system, along with outlining the precedent set down by past boards has taken an important position in the duties of the board. Along this line, Bob Bragg, capable leader of the board, had a pamphlet distributed which fully explained the Honor System and its relation to our life at Tech. The wish of the board has been to make explanation of our system their primary interest and passing on violations an unnecessary duty.

JUDICIARY

NEW OFFICERS



Odell, Bruno Pilorz, Tom Carter, Don Farmer, Frank Smith. Standing: Tway Andrews.
Front row: Bill Lundy, Win Newell, Willis Bussard. Second row: Don Tillman, Francis

Elections this year were much the same as usual although they seemed more subdued, probably because of the war. The stench of hemp cigars was not so noticeable this year because the "dollar a gross" cigars were not on the market.

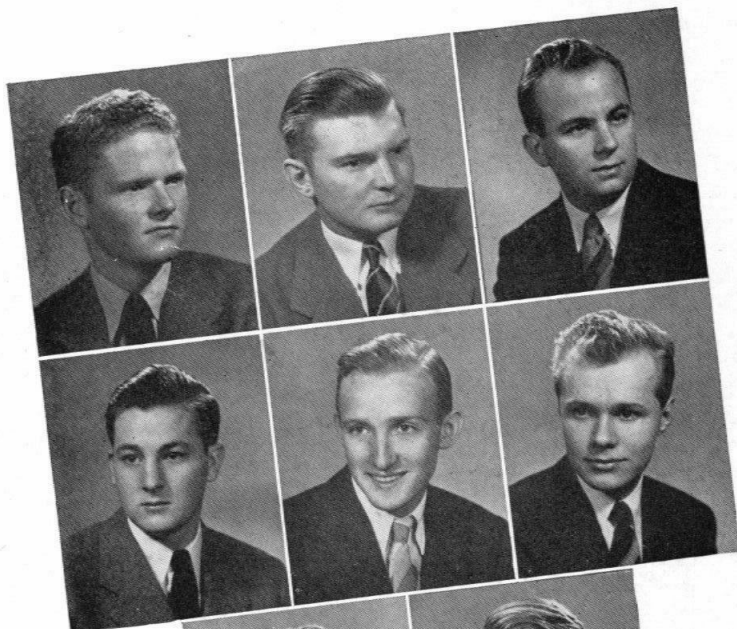
Although the voting was not heavy, it was exceptionally close. In the presidentials, Tway Andrews defeated Harry Moore by a scant seven votes. For vice-president Bruno Pilorz eked out a three vote victory over "Loose" Gowans. Tommy Carter and Willie Bussard were unopposed for the offices of secretary and treasurer. Stan Holditch was elected publicity manager only to be called to defend his country a week later. Bill Lundy is the new athletic manager and faces the arduous task of trying to keep the athletic program above water. Francis Odell and Don Tillman are the new first and second representatives-at-large, and Bud Newell the new yell leader. Frank Smith and Don Farmer are the new editors of the California Tech.



Tway and Chuck talk over the future.

HONOR KEY

Mason
Moore
Morris



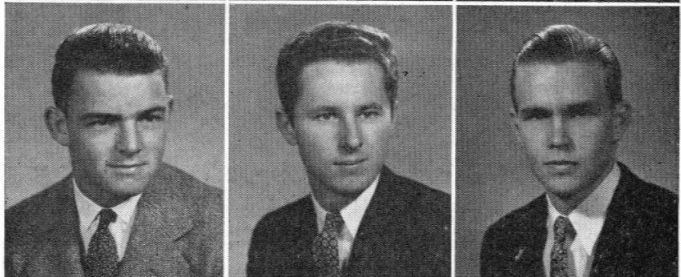
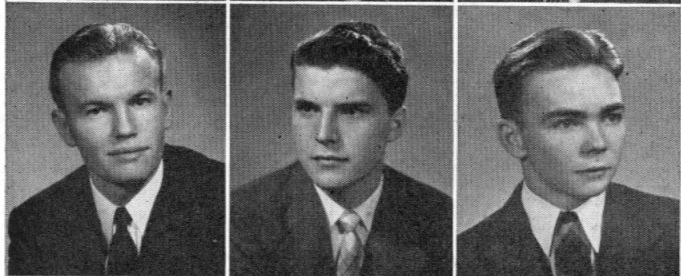
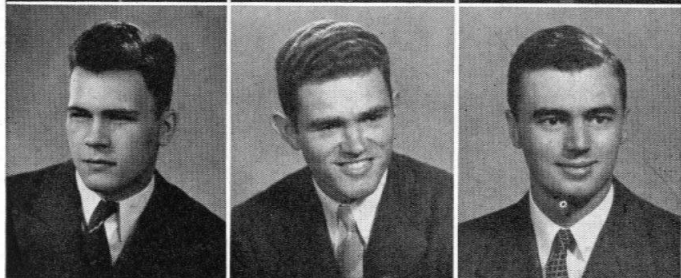
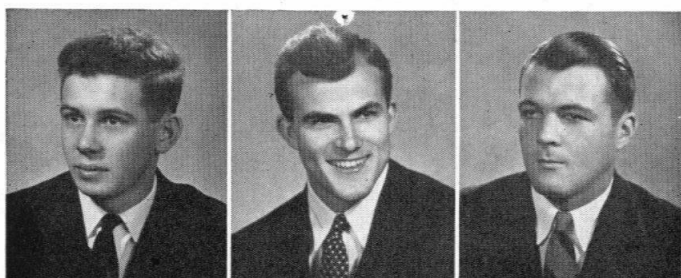
Norsworthy
Odell
Protzen

Alpert
Austin
Bragg
Fair
Gustavson

Andrews
Bair
Bussard
Fleischer
Holditch

Ashley
Bashor
Carter
Gowans
Long

Shonerd
Strickland



The Caltech Honor Key is the Associated Student Body's highest honor and is awarded for outstanding participation in extra curricular activities. In awarding this key, the student body recognizes the student who can find time to take part in athletics, hold an office, work on the publications, or in any other way be of service to the student body.

Men so honored have earned a minimum of thirty "honor points" during the year by participation in these activities. Honor points are established by the Board of Directors and are based upon the amount of service to the school which the varied activities represent. One man has earned three honor keys, Bill Fair. These men who this year have earned their second key are Andrews, Ashley, Austin, Bussard, Moore, Odell, Shonerd, and Strickland. Those wearing their first key include Carter, Bair, Alpert, Gustavson, Fleischer, Morris, Bragg, Holditch, Gowans, Norsworthy, Long, Protzen, Mason, and Bashor.

ELECTION



Standing: Farmer, Alpert, Halpenny, Powlesland, Gowans, Merritt. Seated: Bair, Spencer.

RALLY



Row 1: Tenny, Lockwood. Row 2: Klaussen, Jones(chairman), St. John.

Always a vital cog in the smooth functioning of student body affairs, the Election Committee headed by Ken Powlesland this year, as usual, saw that ballots were printed and distributed, that polling booths were set up, and that the returns were accurately tabulated. The role of the Committee was doubly important this year because all offices in the spring elections were hotly contested—both presidential and vice-presidential races being decided by less than ten votes.

COMMITTEES

INTERHOUSE



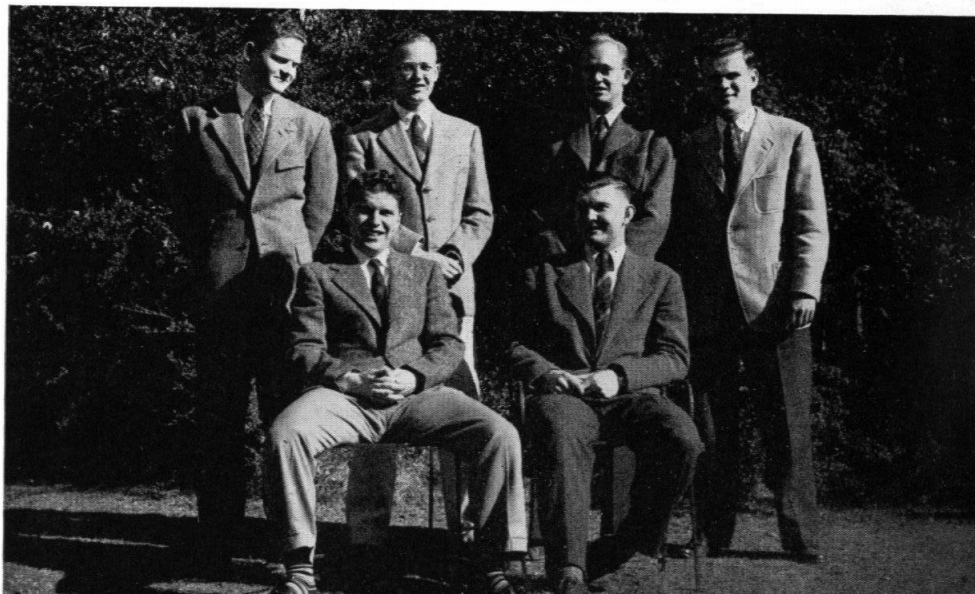
Around the Table: Alpert, Spaulding, Sigworth, Olenbush, Hubay, Halpenny, Bashor, Rambo, Fleischer, Stone.

Outstanding success of this year's Rally Committee was a Jiu-Jitsu demonstration at the best attended Friday assembly since the King Sisters' appearance three years ago. Under the leadership of Lawson Jones the committee also assisted in the presentation of four widely celebrated United Nations war heroes. The discontinuation of football with its accompanying rallies and pajamarino followed second term by the loss of the Culbertson Assembly Hall to the army limited the Rally Committee's work.

The Interhouse Committee composed of the house presidents and vice-presidents is the official representative of the Student Houses. This committee establishes general house policies at its weekly meetings and in so doing handles such business as kept well informed on Caltech sport and social events, and rulings concerning athletic contests.

Charged with the task of securing the public's attention to the student body activities, both social and athletic, the Publicity Committee did its job well during the past year under its able Manager, Harry Moore. Southern California newspapers were kept well informed on Cal-tech sport and social events, and pictures of Tech team members appeared in the Pasadena papers. This year's good athletic teams made much of the publicity writing pleasant and very favorable to the Institute.

PUBLICITY



Seated: Bussard, Moore. Standing: Mason, Holditch, Mead, Seed.

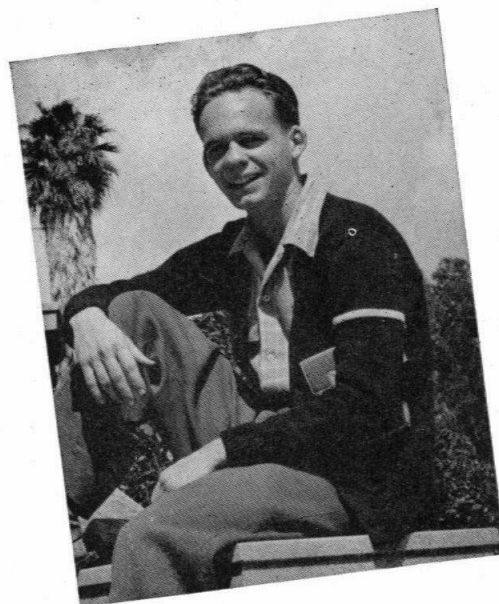
CALIFORNIA TECH



California Tech Publishing and Business Staff

When Holt Ashley and Ed Goldsmith took over as co-editors of the California Tech last year, they found a smooth-running organization already set up for them by the retiring editor Bill Turner, and this organization continued with only gradual changes throughout the following year. When Ed Goldsmith retired at the beginning of first term News Editor Ken Johnson took over as co-editor.

It was an exciting year for the newsmen, what with trying to keep up with the latest actions of the Army and Navy and get the news into print before it was changed by the next official announcement, but the editors gloried in scooping the Pasadena papers on several occasions. To News Editor Walt Eatherly goes most of the credit for the careful handling of the front page. Sports Editor Leonard "T.B." Alpert conducted the sports department without interference, completely freeing the editors from any sports worries, and his column, "Tid-Bits, by T.B.", became an essential feature of the paper.

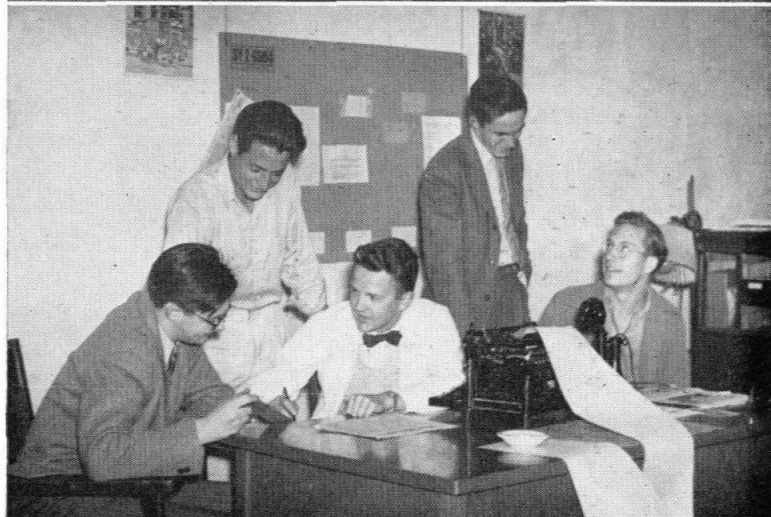


David Shoner, Business Manager

The dirty work of handling copy was supervised by Technical Editor Earle Bunker, and tireless Editor Ashley was ably assisted at the printshop every Wednesday afternoon by Printshop Director Francis Odell and his successor Don Farmer, who spent many a long evening before the paper was finally put to bed. At the Thursday evening journalism class Professor MacMinn expounded journalistic principles to the staff members, and explained patiently the mistakes in that week's Tech.

The paper was enlivened by numerous articles by Lawson Jones, a feature writer who could be depended upon to produce thousands of words of interesting copy on any subject, regardless of the time required to obtain the information. And no one could forget "The California Tick," prolific Eldon Beagle's column, or its successor, edited by John Mason and Stan Holditch.

Ashley and Johnson were succeeded by Frank Smith and Don Farmer, just in time, for retiring Editor Ashley was called by the Air Corps just a week after putting out his last issue. Unfortunately, most of the Tech's potential staff was taken at the same time or three weeks later with the E.R.C., so Smith and Farmer have had to start from scratch. However, Smith, former associate editor of the Williams Record, has a lot of new ideas, especially for the feature department, and is producing a lively, interesting paper.



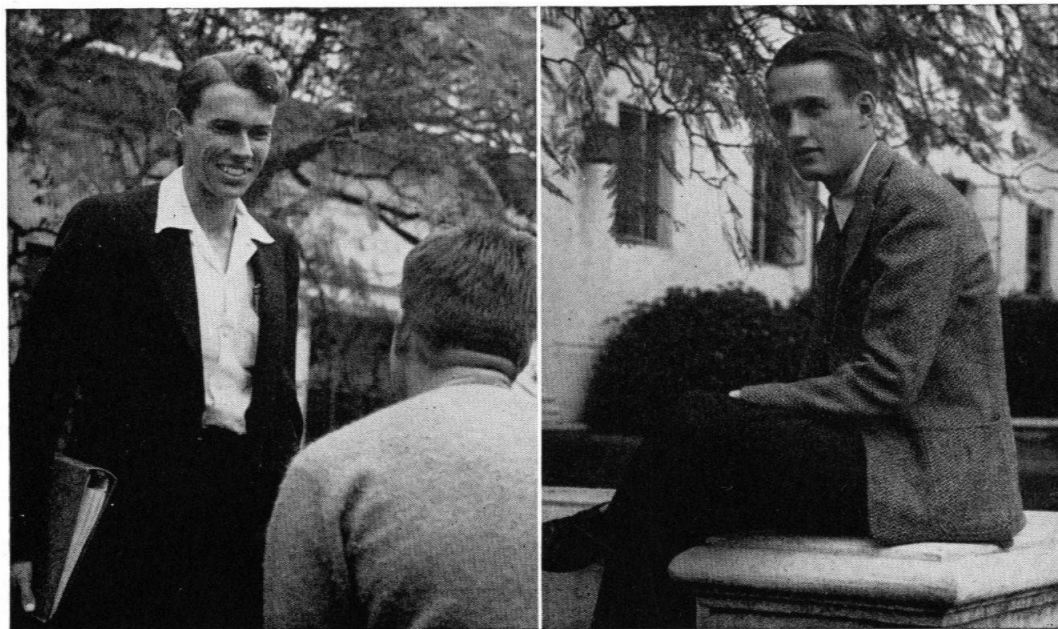
The Journalism Class
Working in the Tech Office

Under Business Manager Dave Shonerd the financial affairs of the Tech took an abrupt upturn despite the decline of national advertising, and the hard work of the business staff made possible the proud day when the editors were able to produce a six page paper for the first time in well over a year. More important, the average size of the paper was brought back up from five to six columns, and it was possible to liven the pages by using more cuts than formerly.



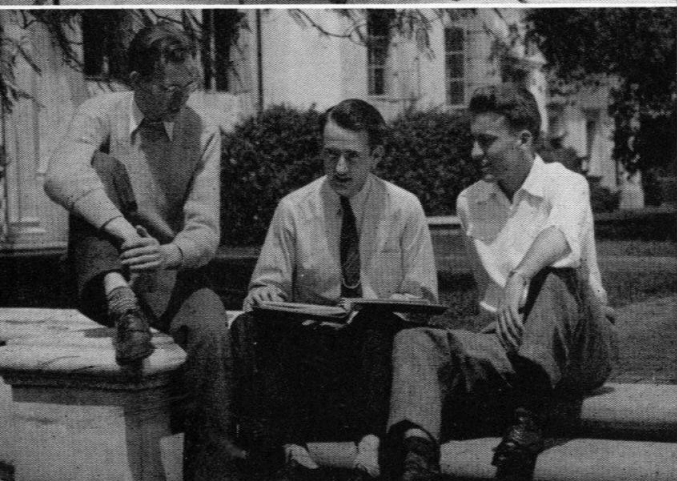
Holt Ashley, Ed Goldsmith, Ken Johnson, Editors

BIG T STAFF



Ben Nevill and Roger Bate, Co-editors of the Big T

Top: Business Staff; Norsworthy, Graner, Fair, Long.
Bottom: Photographers Gustavson, Bate, Green.



Charged with the momentous task of turning out a year book in the face of rising prices and material shortages, Roger Bate and Ben Nevill were elected co-editors in the late spring of '42. Through careful planning and unscrupulous use of priority ratings the student body once again is furnished with this mirror of its life during the year.

Elected at the same time, Bill Fair was given the difficult task of financing the book. He with his capable staff succeeded admirably in their work of securing adequate advertisement from concerns friendly to the Institute.

Big T Publishing Staff, first row: Martin, sports editor; Bair, activities editor; Odell, caption editor; Jones, campus editor; Halpenny, senior division editor. Second row: Merritt, copy editor; Nevill, editor; Sherwin, faculty editor.

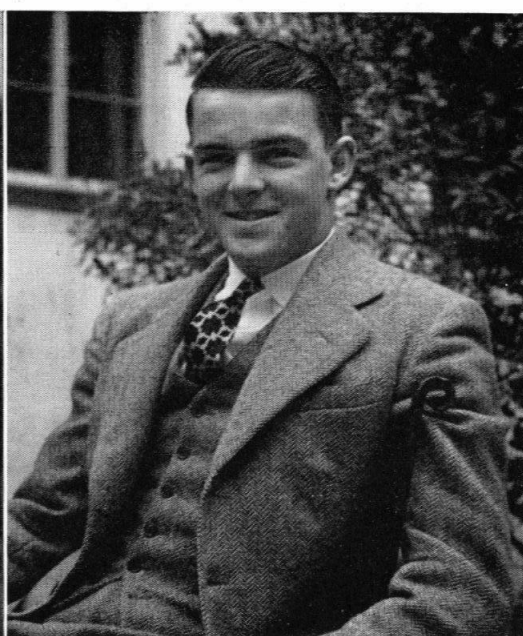


Quick to seize upon talent, the editors chose able Bob Gustavson as photographic editor who, assisted by Leon Green, is responsible for many of the pictures in this book. Hardworking Stew Martin handled the year's athletics; Bob Sherwin, the faculty; Fred Tenney and Bill Halpenny, seniors; Bill Bair and Bob Bragg, activities; Mel Merritt, proof reading. Thanks are also extended to Lawson Jones for his job on the campus section; to Harrison Sigworth for his excellent sketches of the school; to Ralph Allrud for his cartoons. And above all the staff wishes to thank everyone of those members of the student body who, too numerous to mention individually, have helped make this year's Big T a success.

On the commercial side the staff wishes to express its appreciation to Sam Babcock for his help and assistance on the cover; to Lloyd's Studio for the senior portraits and house pictures; to Homer Trueblood and Jack Cannicott of Los Angeles Engraving; to Denson Gee and the printing staff of Murray and Gee for their help and advice and to Korken Studios for the excellent picture of Dr. Millikan.

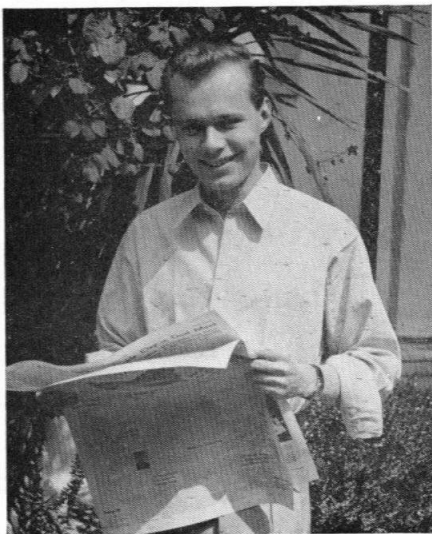


Robert Gustavson, Photographer



Bill Fair, Business Manager

LITTLE T



Rolf Protzen



Howard Farmer

Published at the beginning of the college year, the Little T serves the upper-classman as a ready reference manual and provides for the incoming freshman a complete insight into his prospective life at Tech.

Ever-improving, this year's handbook presented newly added concise and pertinent information between the covers of its colorful binding. Editing and managing the "campus bible" were Rolf Protzen, a junior, and Howard Farmer, a senior, who despite numerous newly arisen difficulties succeeded in making the booklet a paying proposition with advertising sales.

MUSICALE

The success of the Musicale, in filling a definite need at the Institute, has been achieved this year by the large student participation in Musicale activities. Though time for outside activities has been decreased by wartime demands, students still kept the Carnegie music set in operation at all hours of the day and night. Under the direction of Barry Schuyler, the Musicale presented two concerts a week over the student house broadcast station, KCIT.

President Earle Bunker guided the efforts of the Musicale assisted by Chandos Rypinski, business chairman; George Austin, program chairman; Barry Schuyler, radio chairman; and Harold Bradley and Rolfe LaForge, record chairmen.



Top row: Huss, Stix, Morrison, Prideaux-Brune, Schamberg, Ogier, DeLano, Hale, Enikeeff, Davis, Mason, Hadley, Apostoli, Jones, Schuyler, Lansdown. Middle: Wheeler, Burke, Smith, Reed, Rypinski, Briglio, Bradley, Klein, Hunt, Cooke, Muehlburger. Bottom row: Bauer, French, Buchanan, Mann, Walker, Rambo, Bunker, Weeks, Bishop, Austin, Stuart, Lassen.

BEAVERS



Row 1: Moore, Bussard, Strickland, Odell, Olenbush, Blayney, Carter, Alpert. Row 2: Hubay, Martin, Macartney, Smith, Nelson, Morris, Austin, Bragg. Row 3: Kendall, Steinle, Fleischer, Pilorz, Bishop, Shonerd, Andrews. Row 4: Gowans, Giacomazzi, Lassen, Nevill, Halpenny, Ashley, Grote, Johnson.

The Beavers organization is limited to ten percent of the student body and is an organization of the leaders in activities on the campus. This organization is the only service organization on the campus and was created to aid in the perpetuation and the development of the best in college government and school spirit.

The most spectacular Beaver activity this year was the raising of almost five hundred dollars for the World Student Service Fund. The Beavers also initiated and operated a ride sharing plan to help alleviate the transportation difficulties imposed by the war. Throughout the year the members filled in and assumed control of the odd jobs which necessarily arise in the operation of a successful school government.

Officers for the year were: Robert Bragg, president; Everett Macartney, vice-president; and Dave Shonerd, secretary.

VARSITY CLUB



First row: Smith, Giacomazzi, Lundy, Potts, Macartney, Fair, North, Dimmick, Strickland, Odell. Second row: Clark, Marshall, Hubay, Frost, Olds, Moore, Graham, Merritt, Reid, Blayney, Powlesland. Third row: Davies, McLean, Gowans, Tedrick, Grote, Mason, Holditch, Martin, Tuedio. Fourth row: Johns, Steinle, Nuetzel, Chapman, Andrews, Pilorz, Nelson, Booth, Chase.

Although varsity football has been discontinued at the Institute for the duration, the members of the Varsity Club have pledged to maintain an active organization so that, when the occasion arrives, the Varsity Club will be instrumental in reviving interest in inter-collegiate football on the campus.

In the absence of the football banquet, the pledges, as part of their initiation, entertained coaches and members at an informal duck dinner. The traditional fireplugs were made by the pledges, but a deplorable structural weakness was found in many plugs when given the critical strength test.

The officers for the year were: Jess Graner, president; Jim Blayney, vice president; Bill Giacomazzi and Doug Reed, secretary-treasurer.

Jess Graner, President and Jim Blayney, Vice President



Y. M. C. A.

In the past year, as always, the Caltech Y has been the focus for a large fraction of the social, religious, and educational life on our campus. Key-noting the religious program this year were the visits to Pasadena's churches and the Easter vespers. The social calendar was red lettered most memorably by the Oxy Exchange Dance, a supper dance with U.C.L.A., the Spring Campus Dance on May Day, and the Faculty Fireside Meetings. Not the least of many usual activities and services were Frosh Camp and Tea Dance, Frosh Y luncheons, the used book exchange, the loan fund which loaned out over a \$1000, personal counselling, personality tests, and many more.

Pointing up the extra curricular educational program were three well attended series of lectures: Dr. Caldwell on Sex; Dr. Ester B. Tietz on Psychiatry; Dr. George Warmer on Practical Psychology. No less noteworthy were the Bible Study Group and the Public Speaking Class.

The roster of the Executive Committee is as follows: Paul Thiene, president; John Buchanan, vice president; Doug Dethlefsen, secretary; Merwyn Hodges, treasurer; Fred Morris, frosh activities; George Wilhelm, frosh chairman; Byrne Hull, lectures; Ed Flavell and George Safonov, publicity; George Smith, church visits; Dave Shonerd, Frosh Camp and Fireside Meetings; Art Schnacke and Deane Morris, exchanges; Tway Andrews, student finance drive.

Not enough can be said in praise of the genial, energetic guidance which Paul Ackerman extended to the program of the Y during the past year.



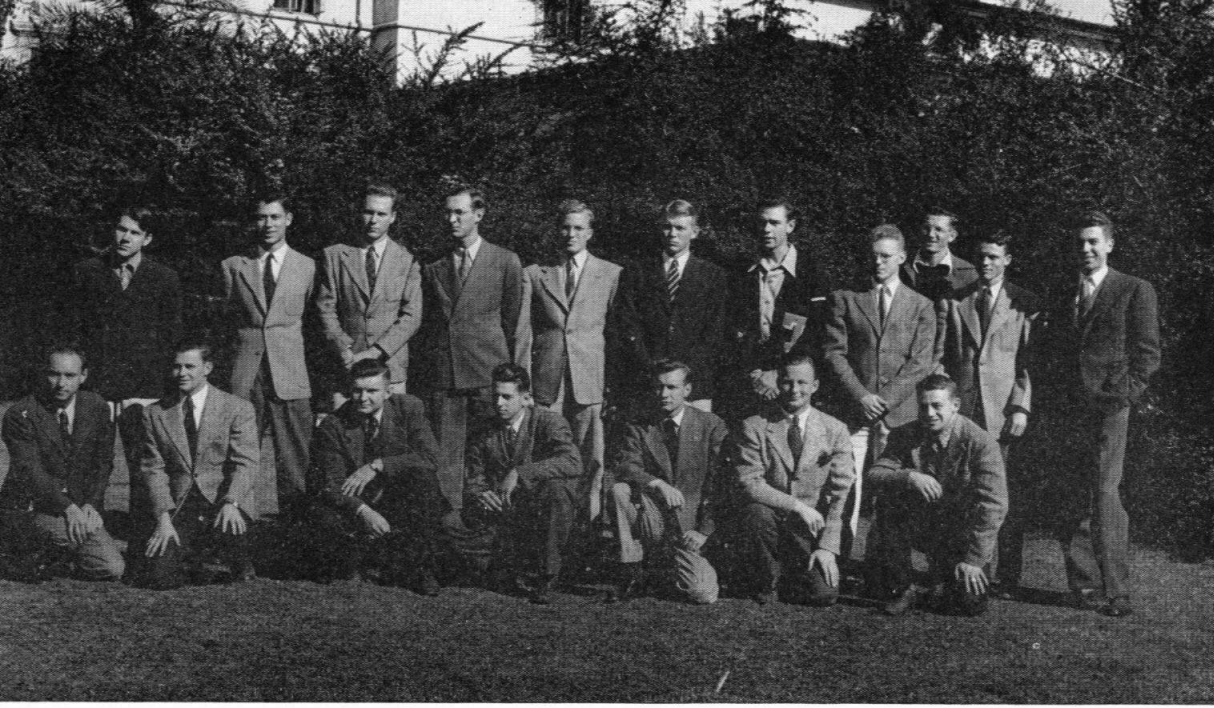
Paul Thiene, President



Paul Ackerman, Secretary



Front row: Ackermann, Thiene, Safonov. Second row: Buchanan, Smith, Hull. Top row: Flavell, Morris, Dethlefsen, Hodges.

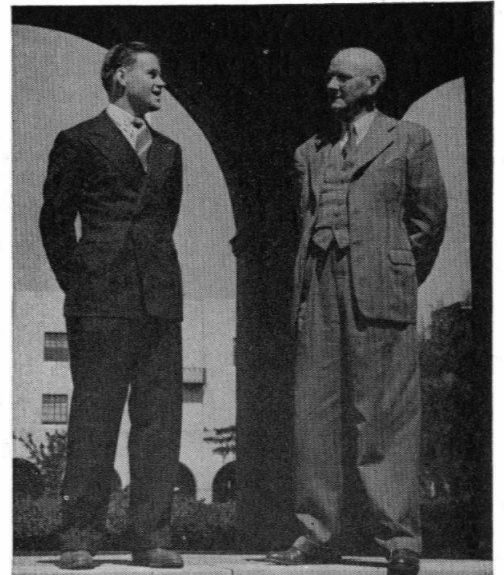


Row 1: French, Buchanan, Moore, Hall, Carrol, Waters, Long.
 Row 2: Carter, Winters, Grote, Breece, Lundy, Gilman, Harland,
 Brundred, Nuetzel, Stone, Mitchell.

An active and interesting year was enjoyed by the student chapter of the American Society of Civil Engineers. The purpose of the year's activities has been to become acquainted with modern engineering practice through inspection trips and by contact with practicing engineers.

The highlights of the year included field trips, lecturers, dinner meetings, and a dance. Field trips were arranged to the California Shipbuilding Corp. yards on Terminal Island, the Kaiser Steel Mill at Fontana, and the new wind tunnel at Pasadena. These trips were also made available to the other engineering societies through the A.S.C.E. Lectures on flood control and on the failure of the Tacoma Narrows Bridge, dinner meetings with the Los Angeles chapter, and an Engineer's Dance sponsored jointly with the other engineering societies completed the year's program.

Officers of the year were John Buchanan, president; Jack French, vice-president; Elmer Hall, secretary; and Dix Gilman, treasurer. Professor Franklin Thomas again performed an able job as faculty advisor.



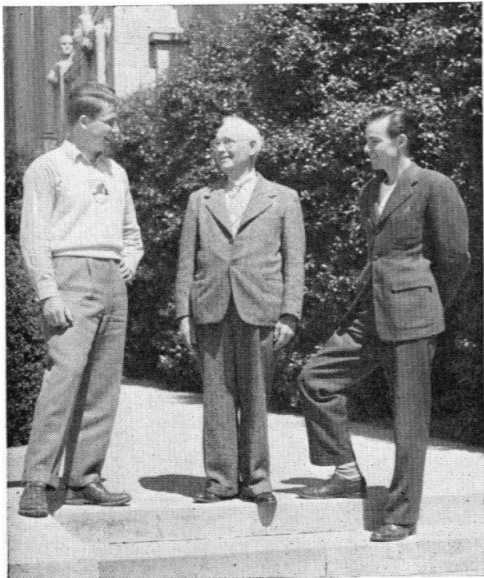
John Buchanan, President and Professor Thomas

A. S. C. E.

A. S. M. E.

Embracing the largest professional group on the campus, the American Society of Mechanical Engineers has the active support of many sophomores as well as upper-classmen and graduate students. By attending the monthly dinner meetings of the Los Angeles parent society, the student members were brought into friendly intimate contact with the engineering leaders of the war effort, a privilege doubly valuable now in view of the inaccessability of these men through any other channels. The experience and opportunities gained by these contacts were augmented by monthly copies of **Mechanical Engineering**, frequent demonstration lectures, pictures, and what field trips as were possible.

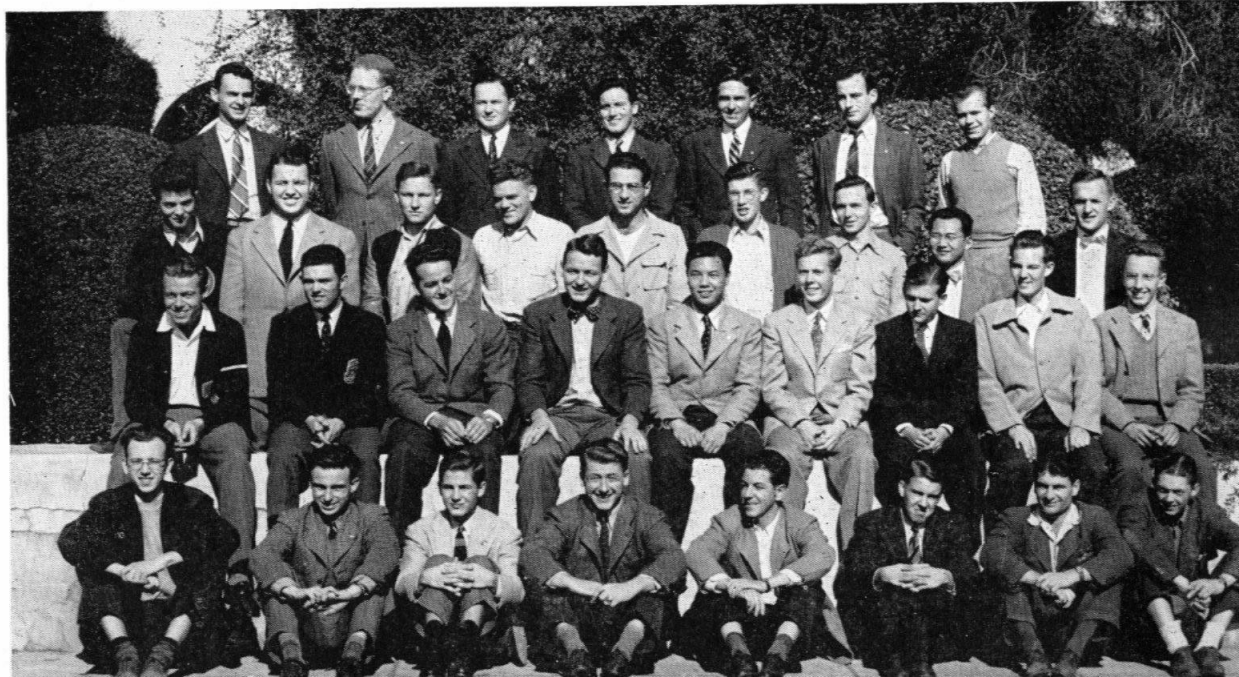
Herb Lassen, Professor Howard Clapp, Dave Elmer



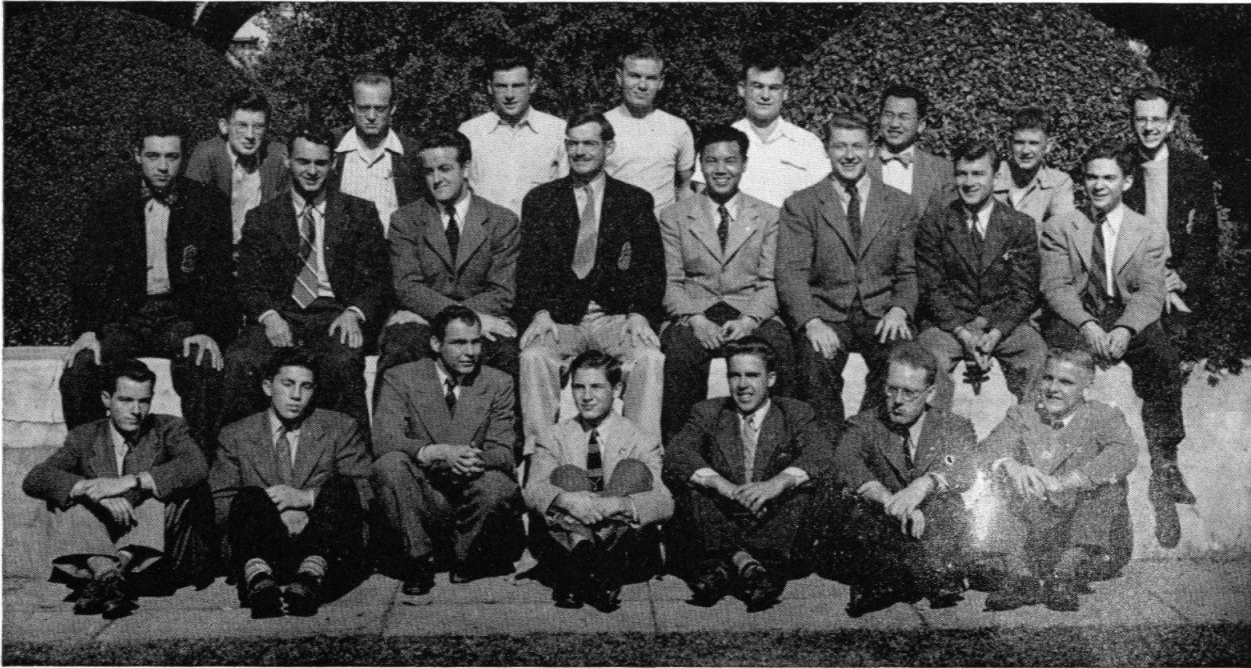
Highlight of the year was the personal visit to our chapter by Mr. James Wentworth Parker, the national president of the A.S.M.E., who gave a comprehensive review of the role played by the young engineer in this war. Unusually fine cooperation between the campus engineering societies resulted in the "Engineers' Dance" and a joint trip to the Kaiser Steel Plant.

Much credit for the year's success goes to Professor Clapp. The two groups of semi-annual officers were Herbert Lassen and David Elmer, Chairmen; Robert Poindexter and Edward Ban, treasurers; Bob McLean and George Shor, Vice-chairmen; and Rolf Protzen and John Kettler, secretaries.

Row 1: Gustavson, Brown, Krueger, Lassen Brown, Weeks, Sutton, Tedrick.
Row 2: McLean, Bair, Bracken, Halpenny, Quan, Six, Bond, Elmer, Bewley.
Row 3: Shor, McCartney, Frost, Buchanan, Mehl, Kettler, Atchison, Ban, Griffith.
Row 4: Terrell, Dauwalter, Enikeieff, Long, Sigworth, Curtis, Protzen.



S. A. E.

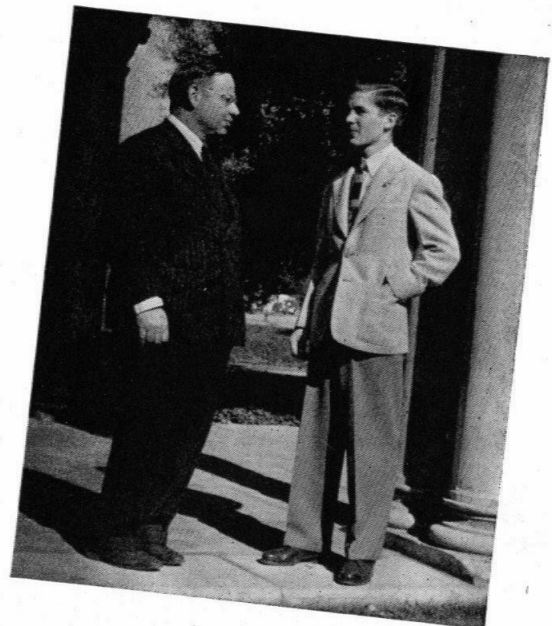


Row 1: Lockwood, Owen, Buettell, Krueger, Dethlefsen, Dauwalter, Marshall, Gustavson. Row 2: Frey, Bracken, Bacon, Quan, Lassen, Webster, Kaplan. Row 3: Kettler, Mead, Bennett, Bragg, Blayney, Ban, Gardner.

A new organization of the campus this year, the Society of Automotive Engineers has established itself among the student professional groups. The chapter was formed by about 40 S.A.E. members from the student body, and received its charter in the middle of third term.

The object of the Society is to promote the arts and sciences connected with the design, construction, and maintenance of all automotive and aeronautical machinery. This includes all work in passenger cars, trucks, tractors, airplanes, and airplane engines, diesel engines, and fuels and lubricants. Illustrating the scope of its activities in Southern California, the Caltech student chapter has presented speakers representing aircraft companies and oil companies, and field trips to near-by manufacturing plants. Several members of the student chapter have attended each of the monthly dinner meetings of the Los Angeles section of the S.A.E. All members receive the monthly Journal of the Society.

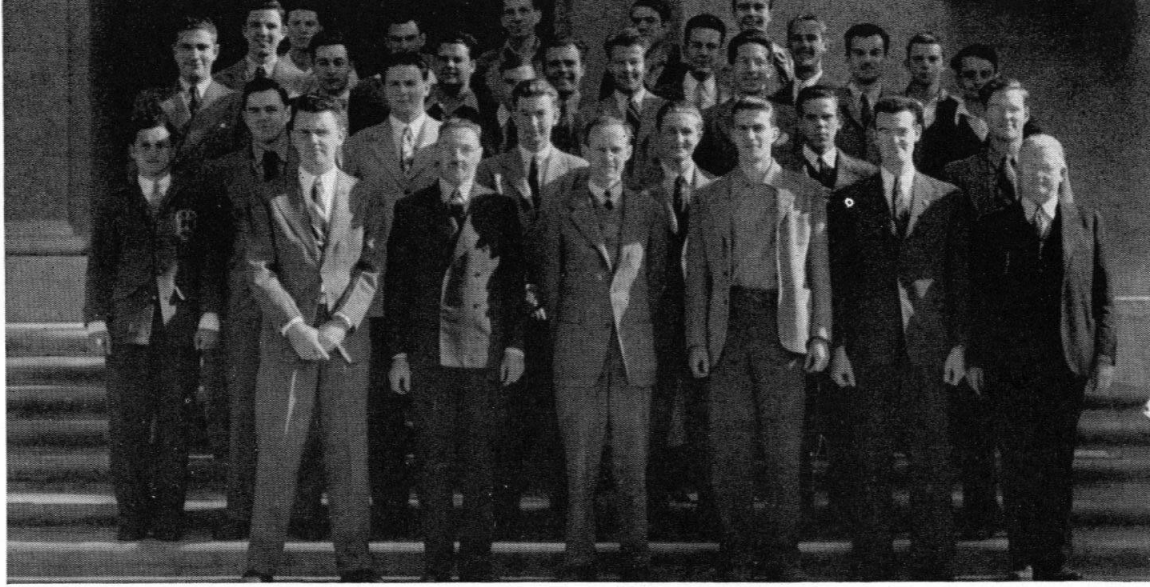
Members were fortunate in gaining the interest of Dr. Arthur L. Klein, who acted as sponsor of the group. Officers for the year were: Chairman, Bob Krueger; Vice-chairman, Jim Blayney; Secretary-treasurer, Dwight Buettell.



Robert Krueger, President and Professor Arthur Klein

A. I. E. E.

Front row: Atkins, Maxstadt, Pickering, J. Young, Snyder, Sorenson. Second row: Rypinski, Dazey, Smith, Lockett, Wade, Borden, Hull. Remaining rows, left to right: Morris, Pugh, Hodder, Frey, Moore, Rambo, DeRemer, Ellis, Hughes, G. Young, Thompson, Lauterbach, Lehan, Bunker, Davis, Begovich, Fair, Grimm.



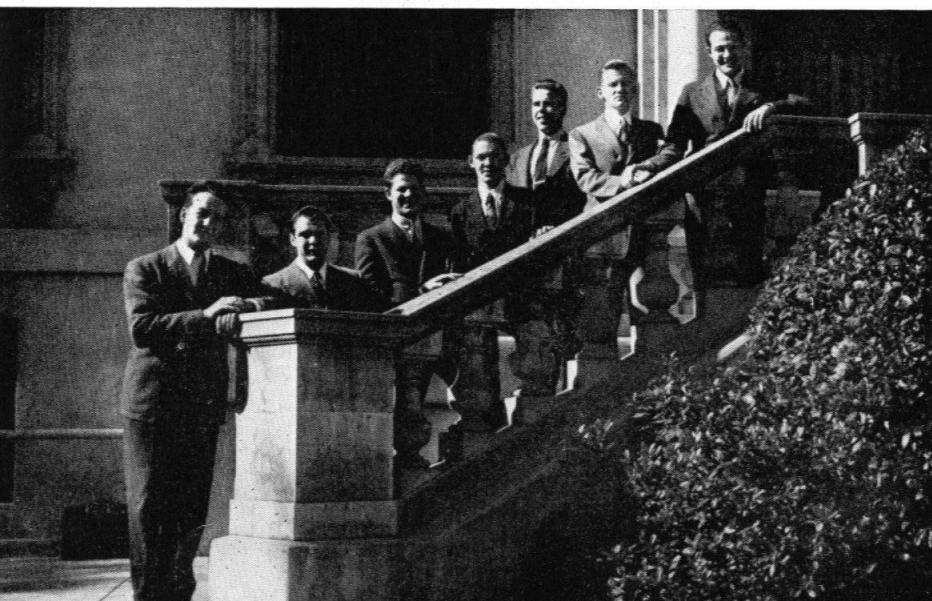
Starting the year with a burst of enthusiasm, the Caltech branch of the American Institute of Electrical Engineers, in co-operation with the other engineering societies on the campus, sponsored the Engineering Societies Dance which proved to be a financial success.

The meetings held included: "Introductory Remarks on the A.I.E.E." by Dr. Sorenson, "The General Electric War Effort" by Mr. Hal Hill, "Patents" by Dr. Mackeown, and "Electrical Safety" by a member of the Pasadena Fire Department. The annual Caltech-S.C. dinner meeting held on the Trojan campus was nominally participated in by the Tech electricals snaking for finals. Because of the lack of student papers, a musical program was presented this year.

Inaugurating a new policy this year's officers, Earle Atkins, Jr., chairman; Jim Young, Jr., vice-chairman; and William Snyder, secretary-treasurer, resigned at the end of second term to make way for next year's officers, Jay Borden, chairman; Fred Morris, Jr., vice-chairman; and Frank Lehan, secretary-treasurer.

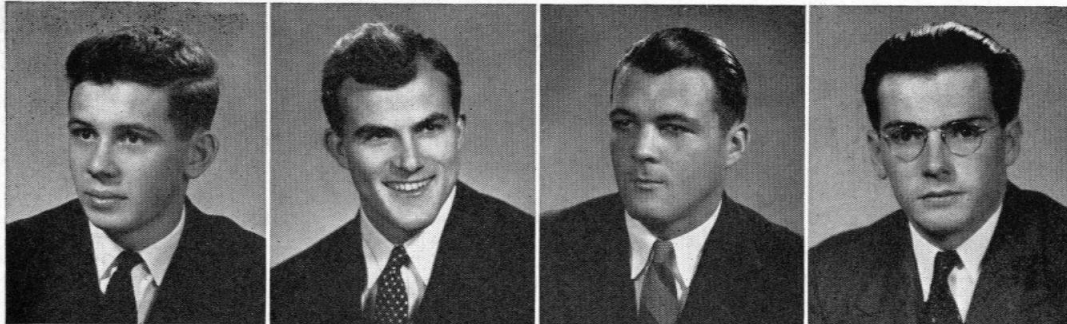
Although hampered considerably by gasoline rationing and by wartime tournament cancellations, the Caltech debate squad was by no means inactive. Besides engaging in numerous intrasquad discussions and in a series of non-decision debates with P.J.C., Tech men entered tournaments held at U.C.L.A. and at Linnfield College, McMinnville, Oregon. The occasion of the latter event was the annual convention of the Pacific Coast Province of Pi Kappa Delta, the national honorary forensic society.

The forensic program was again under the general supervision of Dean Untereiner while the squad was coached this year by Boyd Marshall, Tech graduate of the class of 1942. Bill Olenbush served as debate squad manager.



Bracken, Buettell, Lockhead, Cotton, Dethlefsen, Olenbush, Trilling

DEBATERS



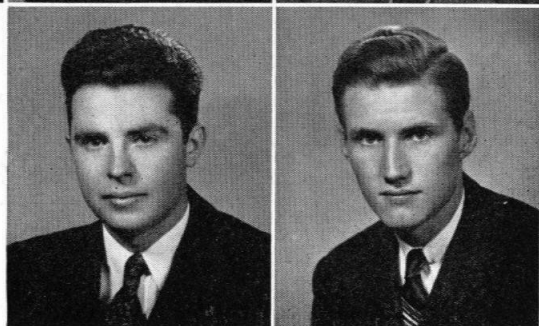
Alpert
 Andrews
 Ashley
 Bennett



Blayney
 Borden
 Bragg
 Brown



Chapman
 Fleischer
 Frost
 Gilbert



Hodder
 Jones

Goal of every student, Tau Beta Pi "marks in a fitting manner those who have conferred honor upon their Alma Mater by distinguished service and exemplary character." The California Beta Chapter annually elects to membership men from the upper fifth of the senior class and upper eighth of the junior class who have shown broad interests and diversified activities.

Fall prospective pledges were entertained by the chapter at a beach party. At the fall election the highest undergraduate honor on the Caltech campus was conferred upon the thirteen seniors and two juniors who were pledged to the California Beta chapter. Dr. Clark Millikan spoke at the banquet held in the Athenaeum following the initiation.

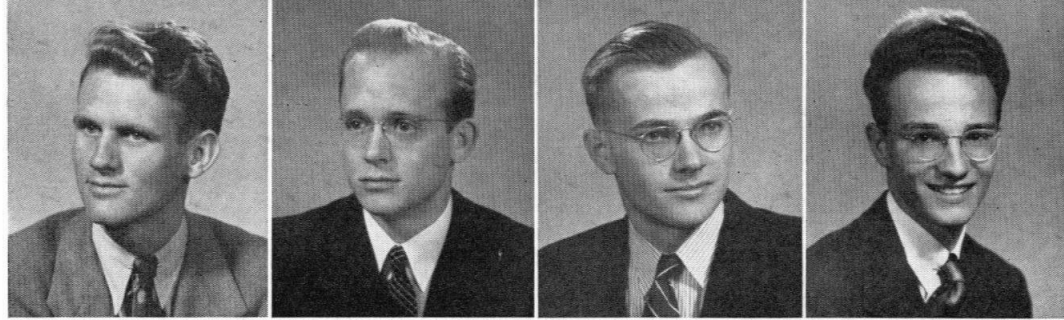
Spring prospective pledges were entertained at a picnic at Brookside Park after which four seniors and eight juniors were elected into the chapter.

Officers for the year were: Robert Bragg, pres.; Paul Thiene, vice-pres.; Herbert Lassen, corr. sec.; Samuel Morgan, rec. sec.; Leonard Alpert, treas.; and James Blayney, cataloger.

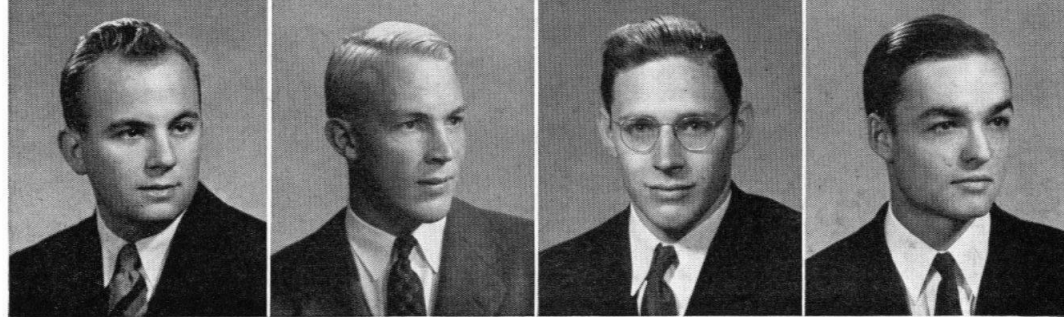
Klein
Larson
Lassen
Lawrence



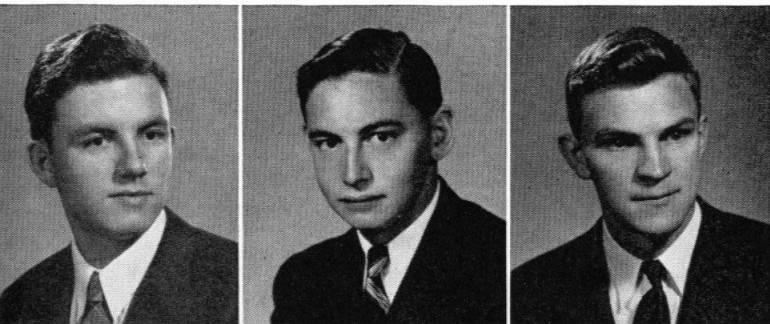
Mason
Mead
Merritt
Morgan



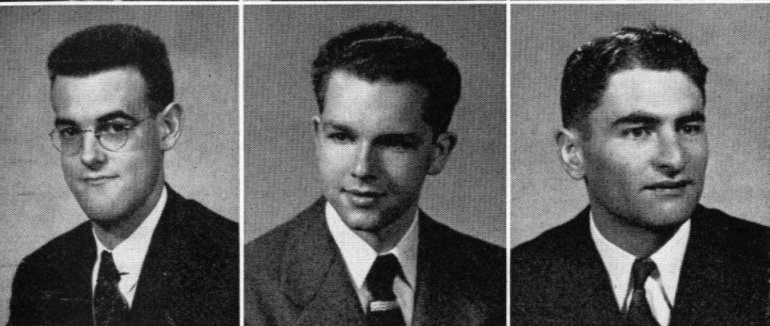
Morris
Nelson
Potts
Powlesland



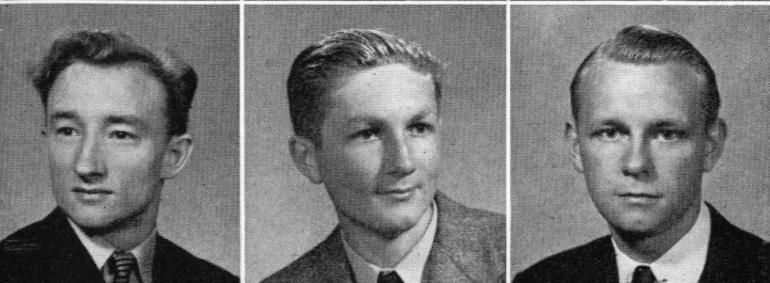
TAU BETA PI



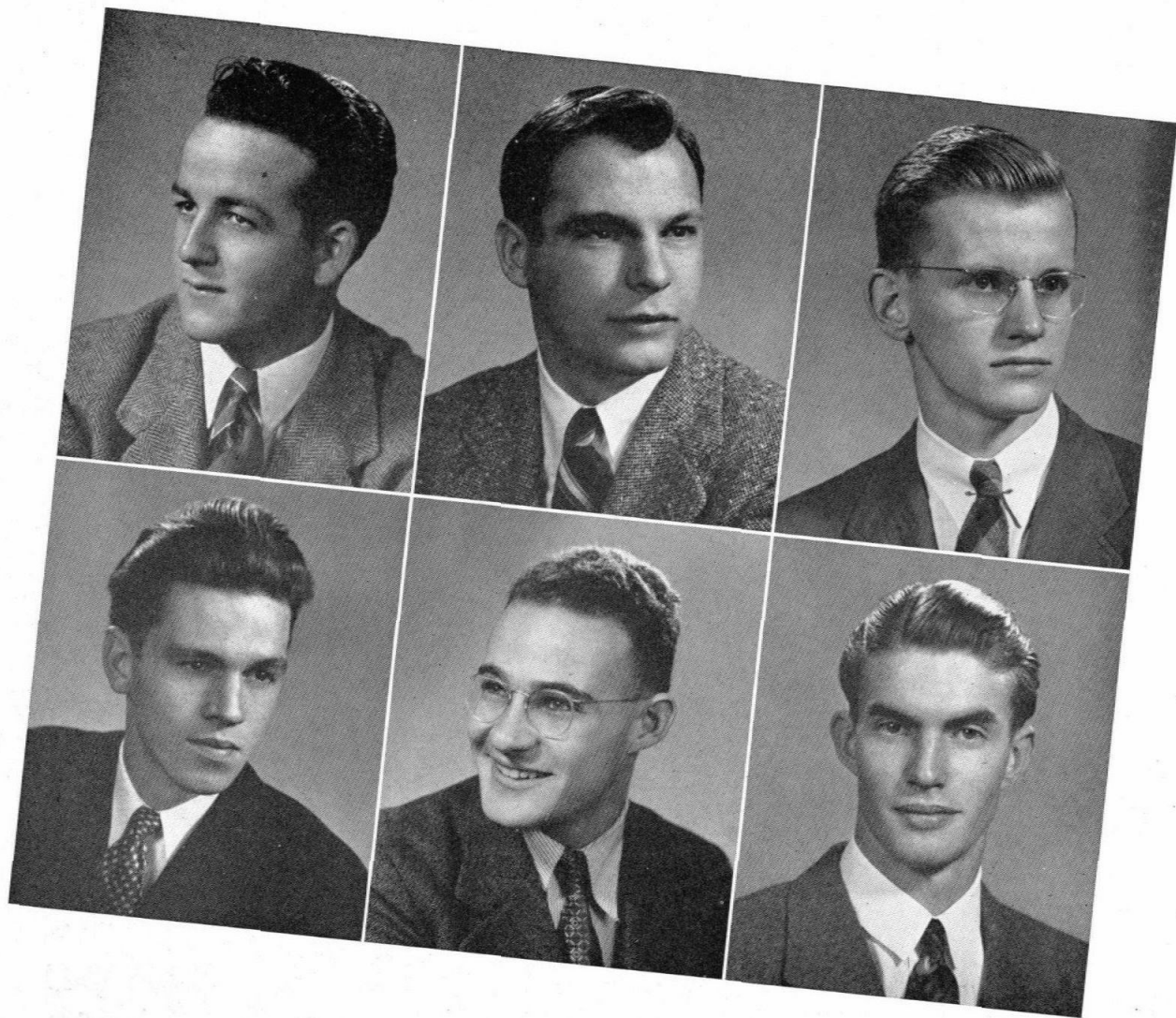
Pugh
Schamberg
Schnacke



Snyder
Steinle
Sutton



Thiene
Wade
Wilcox



Glenn Bracken
Fred Tenney

Dwight Buettell
Leon Trilling

Bill Olenbush
James Young

Phi Kappa Delta is the honorary forensic fraternity of the campus. The purpose of the organization is to equip its members, who are chosen from among candidates in the varsity debate squad, with an ability to express their ideas extemporaneously in a logical, fluent, and convincing manner. Such an ability is universally recognized as invaluable to the successful engineer.

The Caltech Gamma chapter is affiliated with the national P.K.D. society, which sponsors various speech tournaments throughout the year. Caltech has always provided formidable competition in these contests, and, although transportation difficulties somewhat curtailed our participation this year, one team, consisting of Bill Olenbush and Glenn Bracken, was sent to the regional P.K.D. tournament at McMinnville, Oregon, and the entire squad participated in a local contest held at U.C.L.A.

Officers for the past year were: Glenn Bracken, president; Bill Olenbush, vice-president; Dwight Buettell, secretary-treasurer; Leon Trilling, corresponding secretary.

P. K. D.

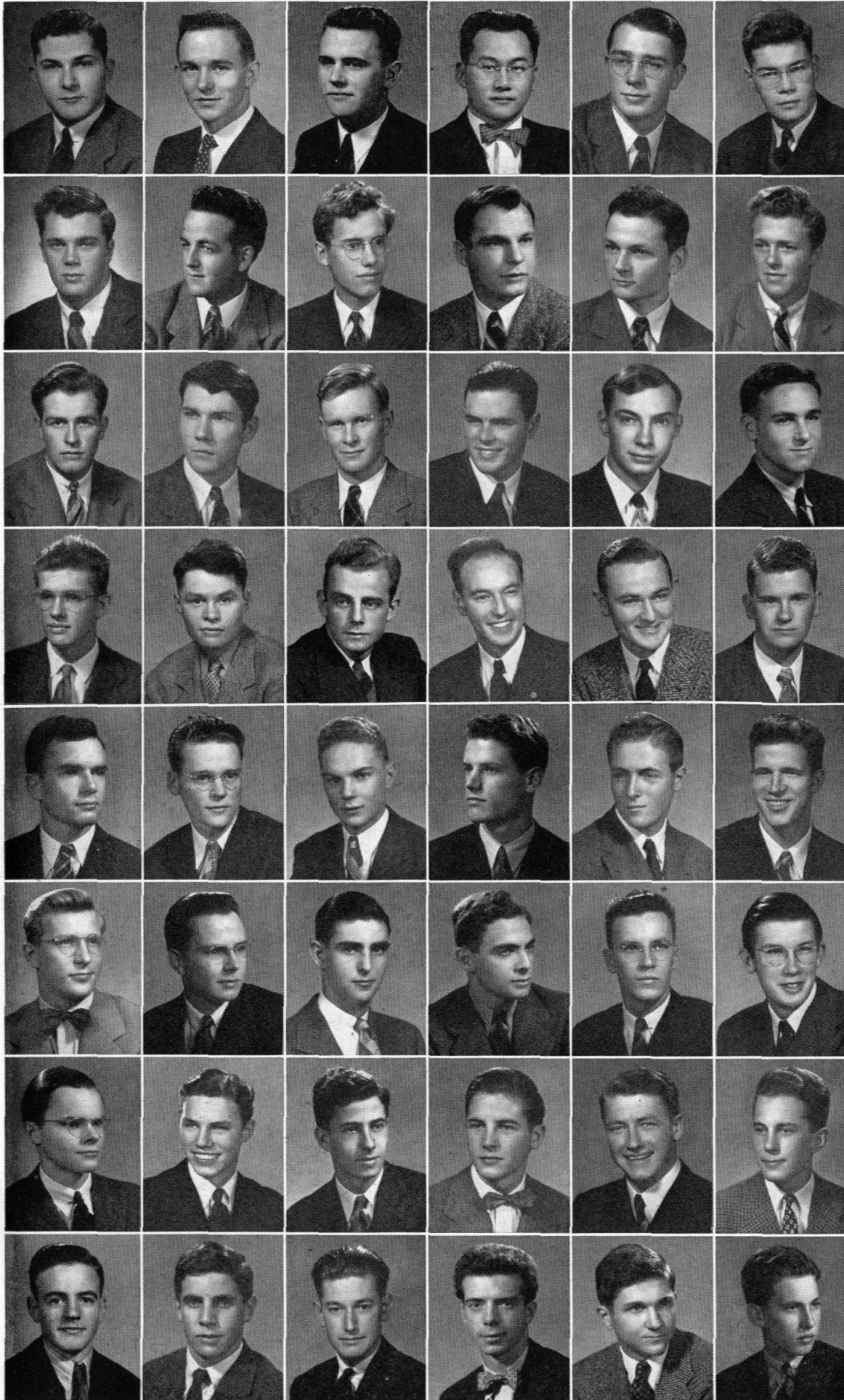
STUDENT



LIFE

Page 79

BLACKER



Amster
 Atchinson
 Atkins
 Ban
 Beagle
 Bear

 Booth
 Bracken
 Brown
 Buettell
 Burke
 Burrell

 Caldwell
 Carter
 Cooke
 Dazey
 DeRemer
 Doolin

 Drew
 Flagg
 Francis
 French
 Fulton
 Gardner

 Garland
 Garner
 Greenwood
 Haymond
 Hester
 Honey

 Hubay
 Hurst
 Jenkins
 Kaplan
 Kenney
 Kettler

 Kieckhefer
 Klaussen
 Kohn
 Krueger
 Lassen
 Lauterbach

 Lawson
 Levin
 Lockett
 Maloney
 Marsh
 Meador

Blacker House.



Blacker men are proud of the reputation of their dances.

Blacker, occupying the south-eastern quarter of the student house quadrangle, has long been known as a house attempting to fulfill the ideal of an evenly balanced program; athletic, scholastic and social. But above all things it has attempted to have that indefinable quality called "spirit" present in more than average quantity, for it is this that binds men together, and makes the house something more than a place in which to sleep.

On the social side of the book we find many events which made the year's weekends pass quickly. One of the best of these was the first-term house-party with Browning Hall, Scripps College, all of which again proved that Tech-Scripps is a good combination. Although Blacker's "Dog-patch" could not hope to compete with Fleming's "complete blackness" theme at the Interhouse, at least all the brethren had a good time, as did they also at the gambling party, given by the Sophomores. An exchange with P.J.C. completed the term's social activity.

BLACKER

The first feature of the second term was a Playhouse party with Blacker men occupying the first section of the balcony from wall to wall, the performance being "Ulysses." Two weeks later followed a bowling alley stag in true war fashion, with each one setting his brother's pins, and then, gentlemen, the party of parties, the Freshmen's noblest endeavor, "Club Sirocco"—a really lavish affair with topflight entertainment and fine refreshment. Present was Freddie Skinner, who appeared in Duke Ellington's "Jump for Joy" show, to do the piano music as it should be done.

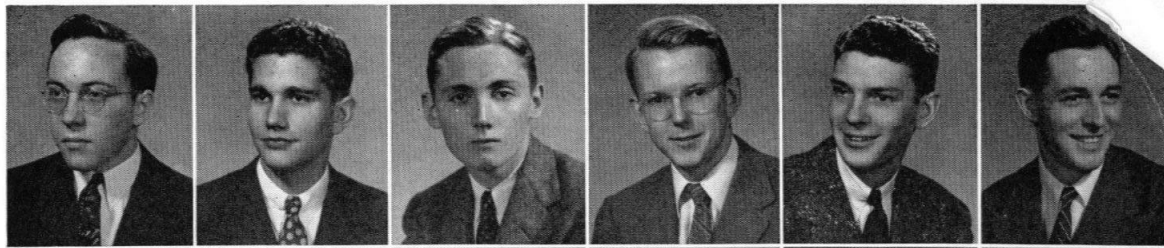
Finally, and a very fitting climax to the term's social activities, was Doc's party—"Blacker Bomber Works," a swing-shift dance complete with I.D. cards, slacks, lunch-pails and a life-size bomber under construction in the lounge. A good orchestra made the party complete. Forthcoming this term (the third) are at least another P.J.C. exchange, bowling alley stag and a "swan song" dance toward the end.



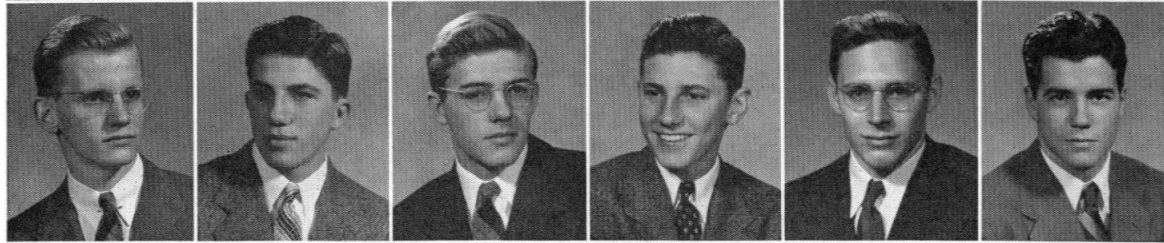
Blacker lounge became a bomber factory for the famed Doc's Party.



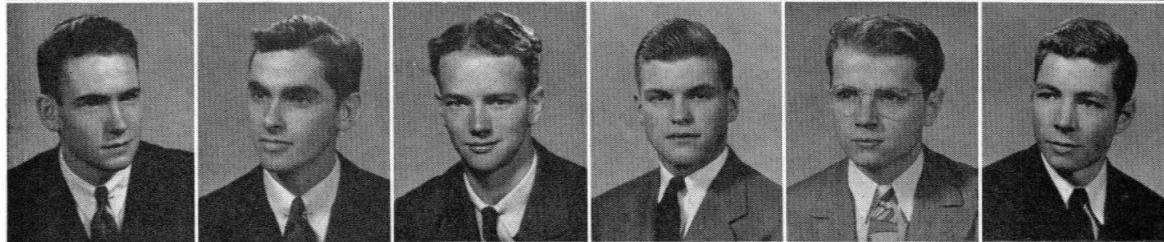
Mittenthal
 Morris
 Morrison
 McGee
 McWethy
 Nicholas



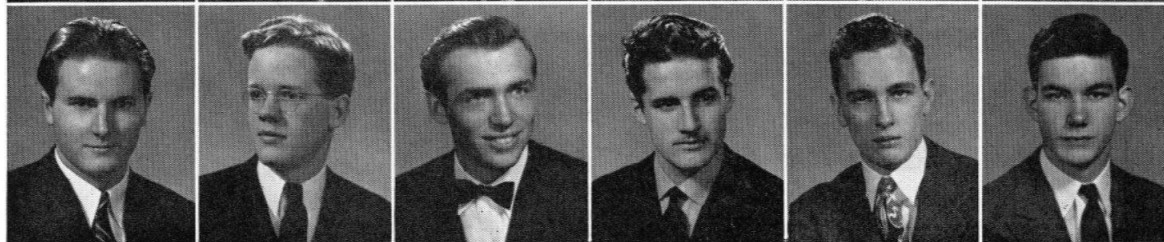
Olenbush
 Owen
 Palmer
 Pollack
 Potts
 Prendergast



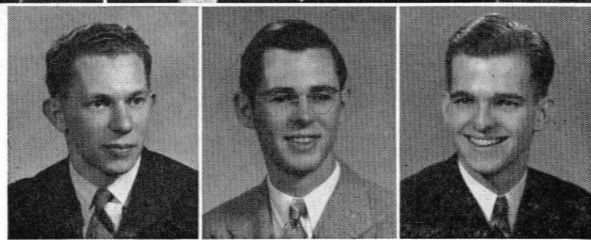
Riddell
 Robinson
 Saye
 Shefchik
 Sherwin
 Smith, B.



Smith, C
 Smith, G
 Smith, P.
 Terminel
 Wade
 Weber



Willits
 Wilson
 Wolfe



As far as athletics are concerned, Blacker participated in all interhouse sports, following Fleming closely in the interhouse track meet to take second place. Blacker men also entered into intramural basketball, soccer, volleyball, skiing, softball, six-man football and a team is at present being planned in tennis. The end of the second term found Blacker second in the interhouse standings. Altogether there was good support of the house athletic program, and for the most part the games and contests were well attended.

Outside of house sports, Blacker men this year indulged in many other fields of endeavor about the campus, some of which were varsity baseball, track and soccer. The house was still tops in debating, boasting Olenbush, Bracken and Buettel, the former two journeying to Oregon to represent Tech in an interscholastic competition. Other men did work for the California Tech, Station KCIT, the Beavers and Tau Beta Pi.

Scholastically? No one knows. The Registrar's office seems to have more important things to do this year than sit around calculating grade-point averages, but only a few men have dropped by the way on this account. However, house membership dwindled throughout the year as various house members, including President Hubay, entered the armed forces. The climax came April 12, when 14 men departed for the Enlisted Reserve Corps. The end of the year will find a large number of men in the Naval Reserves beginning training.

Officers this year were: President, Paul Hubay succeeded by Bill Olenbush; Vice-president, Jephtha Wade; Secretary, Al Wolfe; and Treasurer, Herb Lassen.

DABNEY

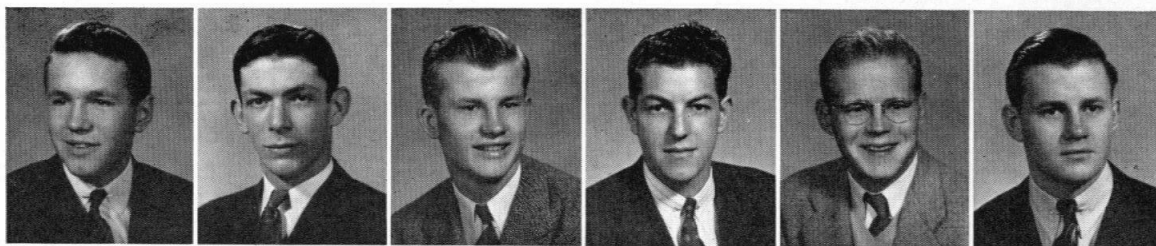


Having fewer members than the other houses on the campus, Dabney places a larger share of the burden on its individuals in order to maintain its ever-present place in the light of campus politics and the whirl of social activities.

Always prominent in the field of social endeavor the "Darbs" produced more than their allotment of "wolves." Under the soft illumination of a full moon many a house function sprang into the spotlight of the year. It was Dabney's effort that drew one of the largest crowds into its lounge during the Five-House Dance. The helter-skelter Hodge-Podge, the always-popular exchanges, the numerous stunning formals, as well as barn dances, blacked-out record dances, and theatre parties proved popular. As a relaxation from the unpredictable wiles of women the Dabney boys engaged in not a few well-attended stags held in the nearby bowling courts or amused themselves in a rowdy fashion with commendable movies and appropriate refreshments.

Not lacking in spirit the men of the house enthusiastically participated in unceasing but friendly alley strife. From the dizzying heights of Frosh Alley, where the invading Blacker hordes were constantly being repelled, to the traditionally noisy Alley Five, the wilder element in the house manifested itself.

Bennett
 Bloom
 Bond
 Brown
 Brundred
 Buchanan, J.



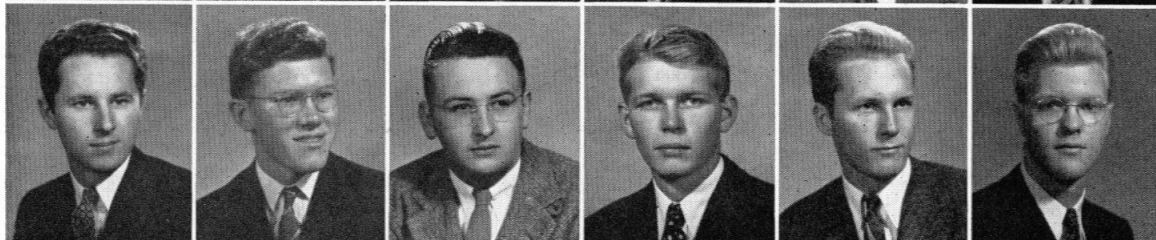
Buchanan, R.
 Buller
 Burke
 Carroll
 Cummings
 Cutler



Dameson
 Dethlefsen
 Dunn
 Eimer
 Farmer
 Fish



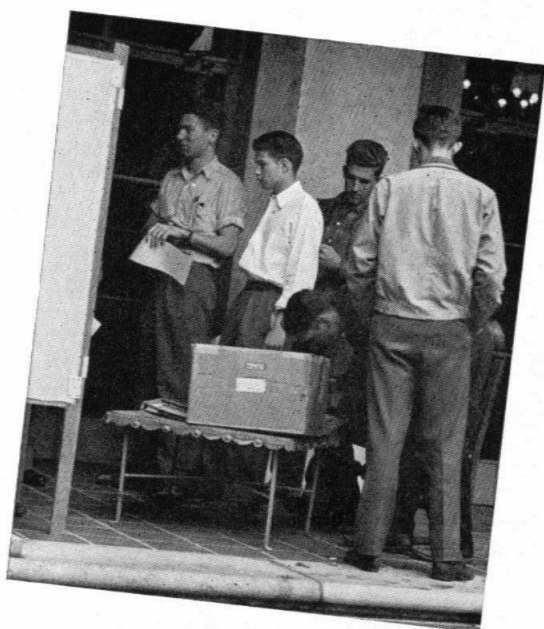
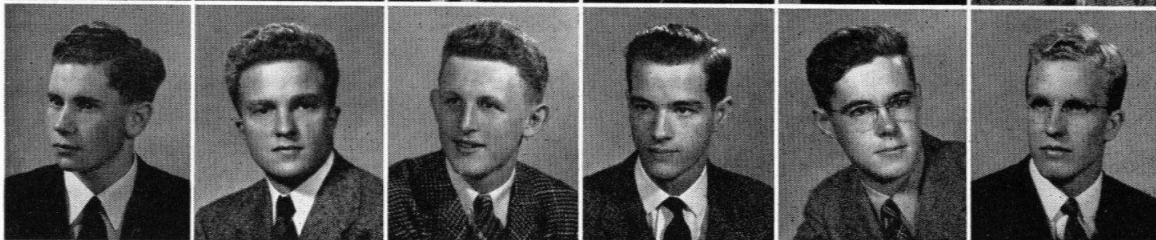
Fleischer
 Foster
 Giacomazzi
 Gilman
 Grote
 Hale



Hibbs
 Hipsh
 Hook
 Johnson
 Jones, D.
 Jones, H.



Kaplun
 Lawrence
 Lee
 Lockwood
 Long
 Lundy



Everyone votes in Dabney.

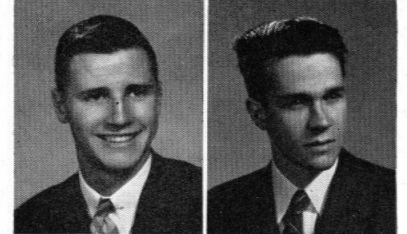
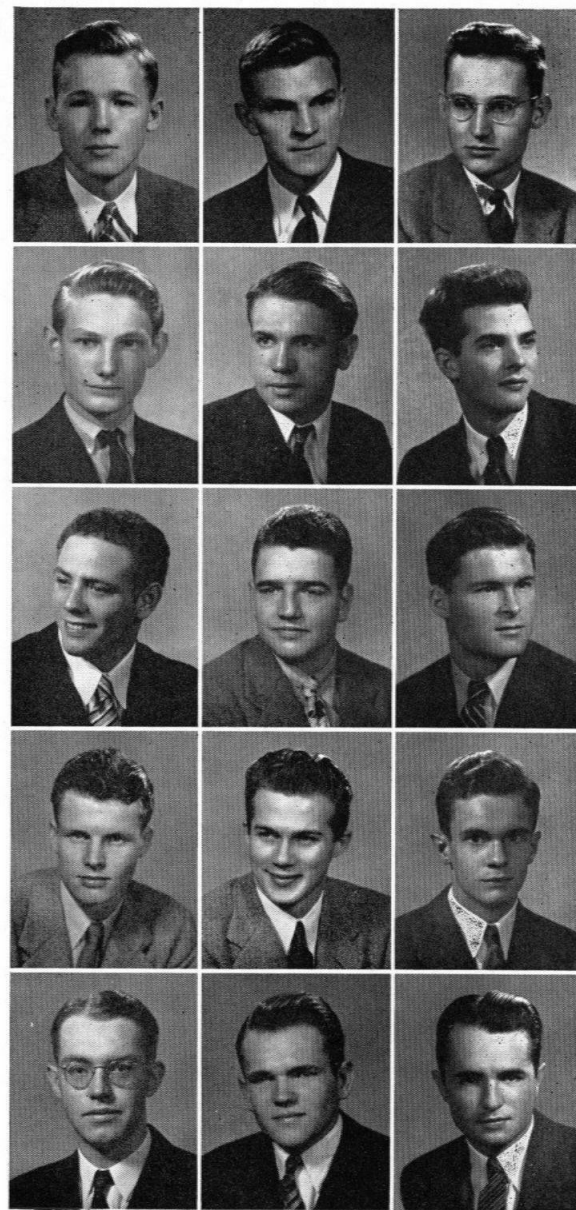
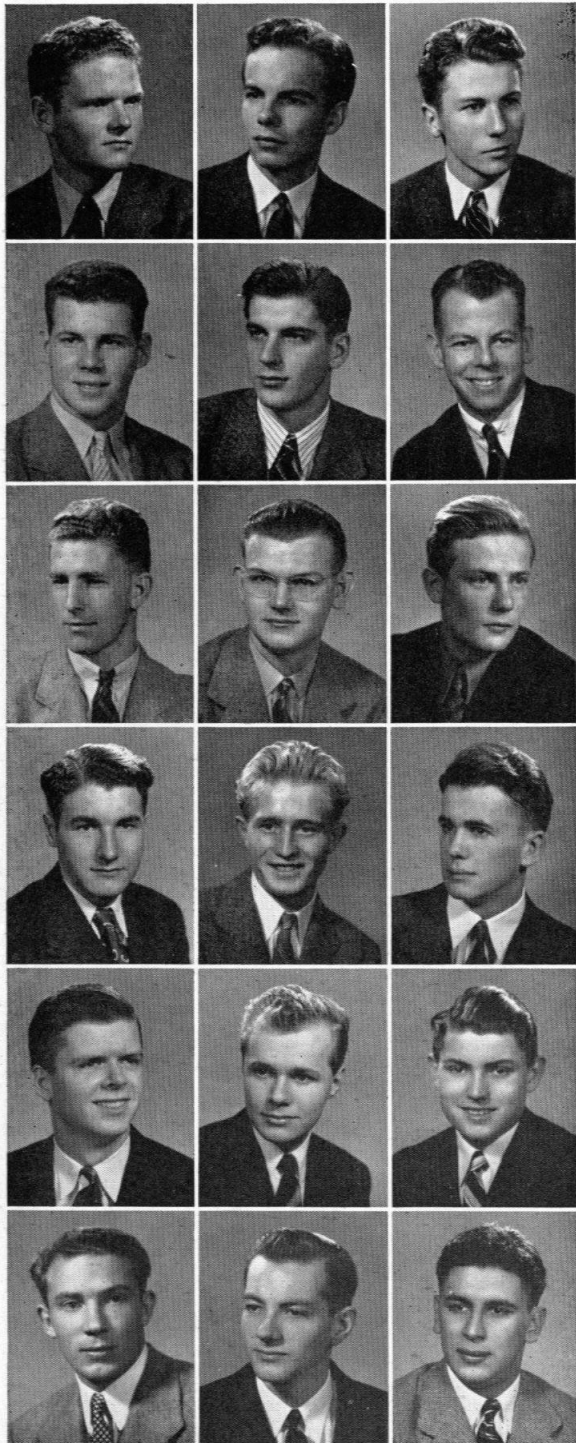
In his first year as resident associate, amiable Dr. Winger, was popularly received. Enshrined forever above Dabney's mantle, Dr. "Butch" Clark continued those excellent Sunday evening dinners much to the men's delight.

The rapidly depleted freshmen and sophomores of the house, nevertheless, made themselves noticeable and should have no trouble in leading Dabney to further achievements. Delving ardently into all campus activities, Dabney Darbs could be found on the Board of Directors, the Board of Control, the Beavers, and in almost every conceivable phase of student life at Tech.

Mason
Mounts
Nichols
Parode
Poindexter
Rhoades

Mattinson
Myers
Noon
Perkins
Protzen
Ridland

Mitchell
Nevis
North
Pickrell
Pyle
Schetne



Schlinger
Shauer
Salloway
Stone
Weidman

Schnacke
Shelton
Springer
Storey
Wheeler

Scott
Shore
Stevenson
Taylor
Wheelock

White

Wilkinson

DABNEY



LaVerne Boyer thrilled everyone at the inner house dance.

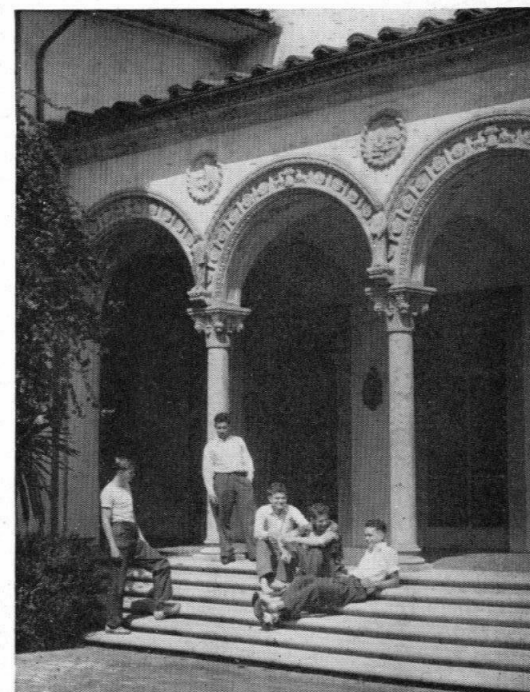
Bashful Bill Lundy proved a good choice as athletic manager of the A.S.B. and could be counted on to secure a first place for the track and cross-country teams. Blossoming into the social light again after a circumstantial confinement, Willy Protzen secretaried and managed the funds of the A.S.M.E. and with vociferous Howdy Farmer took over the Little T co-editorship. Guiding the civils in the capacity of president and the "Y" as vice-president was hard-working Johnny Buchanan, while the Ski-Club, always a Dabney stronghold, was under the leadership of Larry Brundred. Tau Beta Ted Lawrence enforced punitive measures on erring freshmen through the Court of Traditions when not engaged in basking at the beach, and many others capably helped guide the destinies of the professional and honor societies.

In the field of athletics the house's influence was felt. The dining room was colored with its share of varsity major and minor sport letters and sprinkled with frosh numerals. Al Grote was a valuable spikester, freshman Don Francis paced the skiers, and other Darbs were not far behind. In intramural athletics the green-clad Dabney teams fought with unsurpassed fervency, win or lose. Despite the handicap in size, the outmanned boys in green still managed to hold their interhouse standing at a high level against big red, black, orange, and gray teams. A small, inexperienced, injury-riddled six-man football squad took to the field on sheer guts and gave its larger opponents several thrilling nip-and-tuck encounters under the daring line plunging of little freshmen Chuck Cutler and unimpressive-statured Louis Dameson's capable signal-calling.

With pangs of nostalgia the graduating seniors will cherish the memory of their care-free college days and remember the fellowship which all Dabney men pride themselves on.

Serving Dabney capably and efficiently were energetic Ed Fleischer as president, mild-mannered Dean Stone as vice-president and social chairman, conscientious Al Grote in the capacity of treasurer, and Pope Wheeler North as secretary. In addition Ross Buchanan and Dave Jones managed the athletic affairs of the house.

Getting some of the famous California sun in Dabney Court.

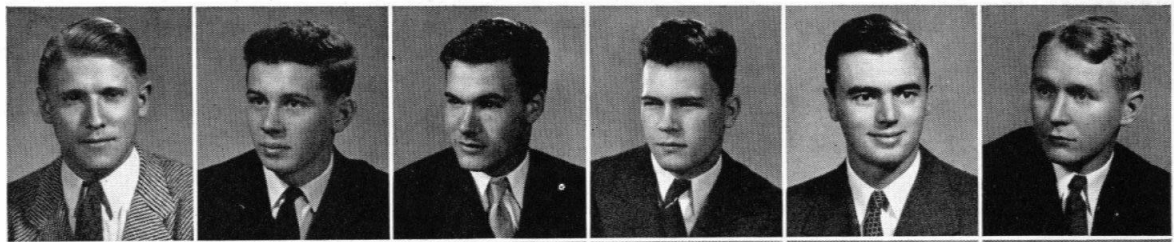


Fleming concluded its last year of existence on a civilian basis for the duration with its athletic supremacy still uncontested, retaining the Inter-house Trophy by one of the widest margins of the nine consecutive years during which the "old lady" has become an almost permanent fixture of the Fleming mantle. Never onesided, Fleming supplied leaders in all phases of campus activity. As Fleming's official public representative, President Bob Bashor did much to further the position of the house socially. It was a tame year by the standards of many an old Fleming grad, for Fleming's new resident associate, popular and tactful Art Trabant, found the perfect formula for handling the repressed spirits of the usually unruly mob.

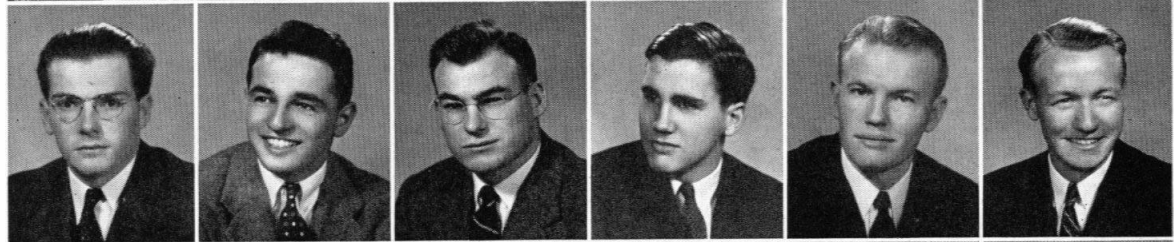


The orange trees in the Fleming court add to the comradeship of the house.

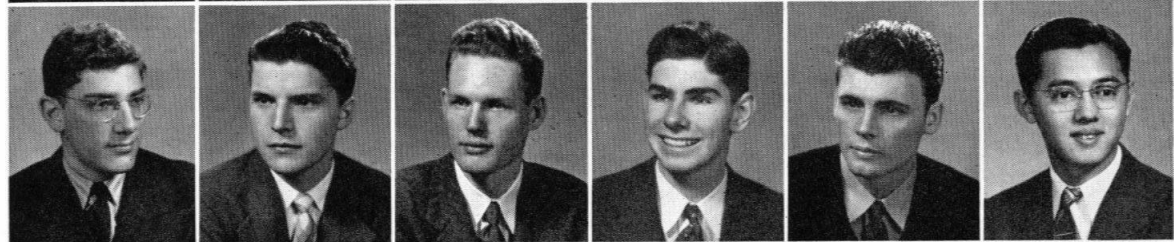
Allingham
 Alpert
 Ammer
 Austin
 Bashor
 Beckstead



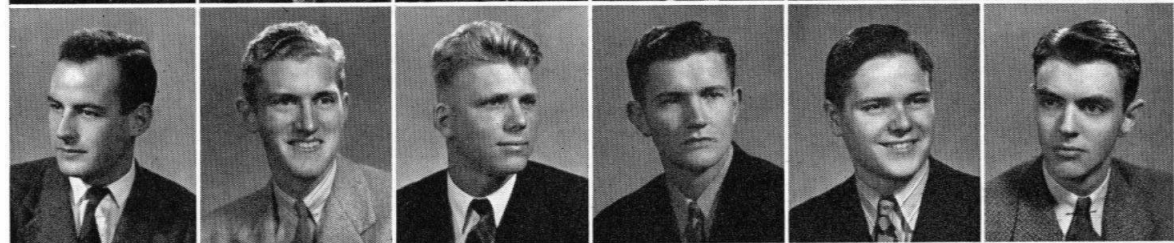
Bennett
 Bishop
 Blayney
 Boutelle
 Bragg
 Brown



Bushong
 Bussard
 Campbell
 Carr
 Chapman
 Chinn



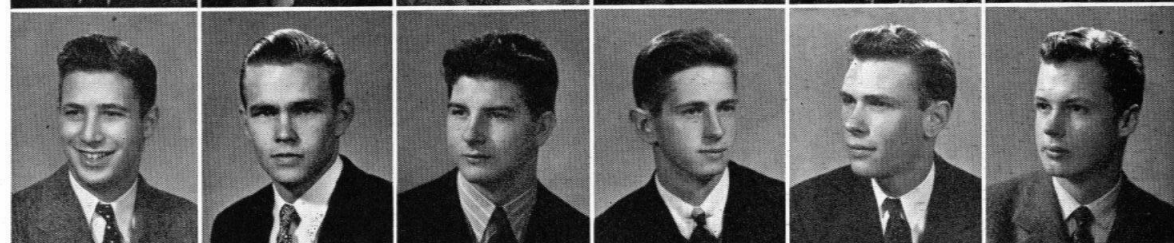
Curtis
 Davis
 Day
 Dewdney
 Dimmick
 Dodge



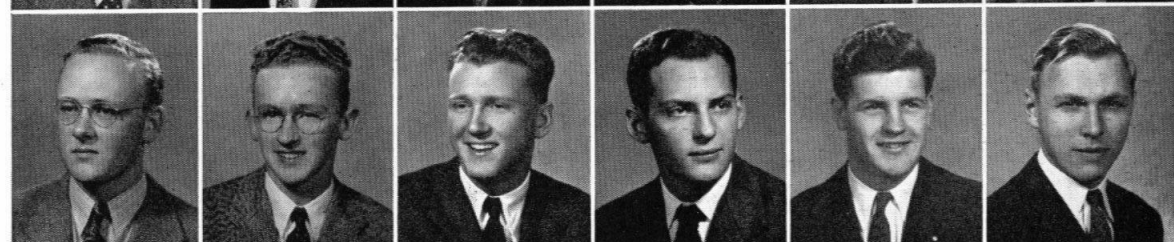
Drake
 Englar
 Fair
 Fein
 Frost
 Gardner



Goldsmith
 Gowans
 Graner
 Hall
 Harland
 Hepner



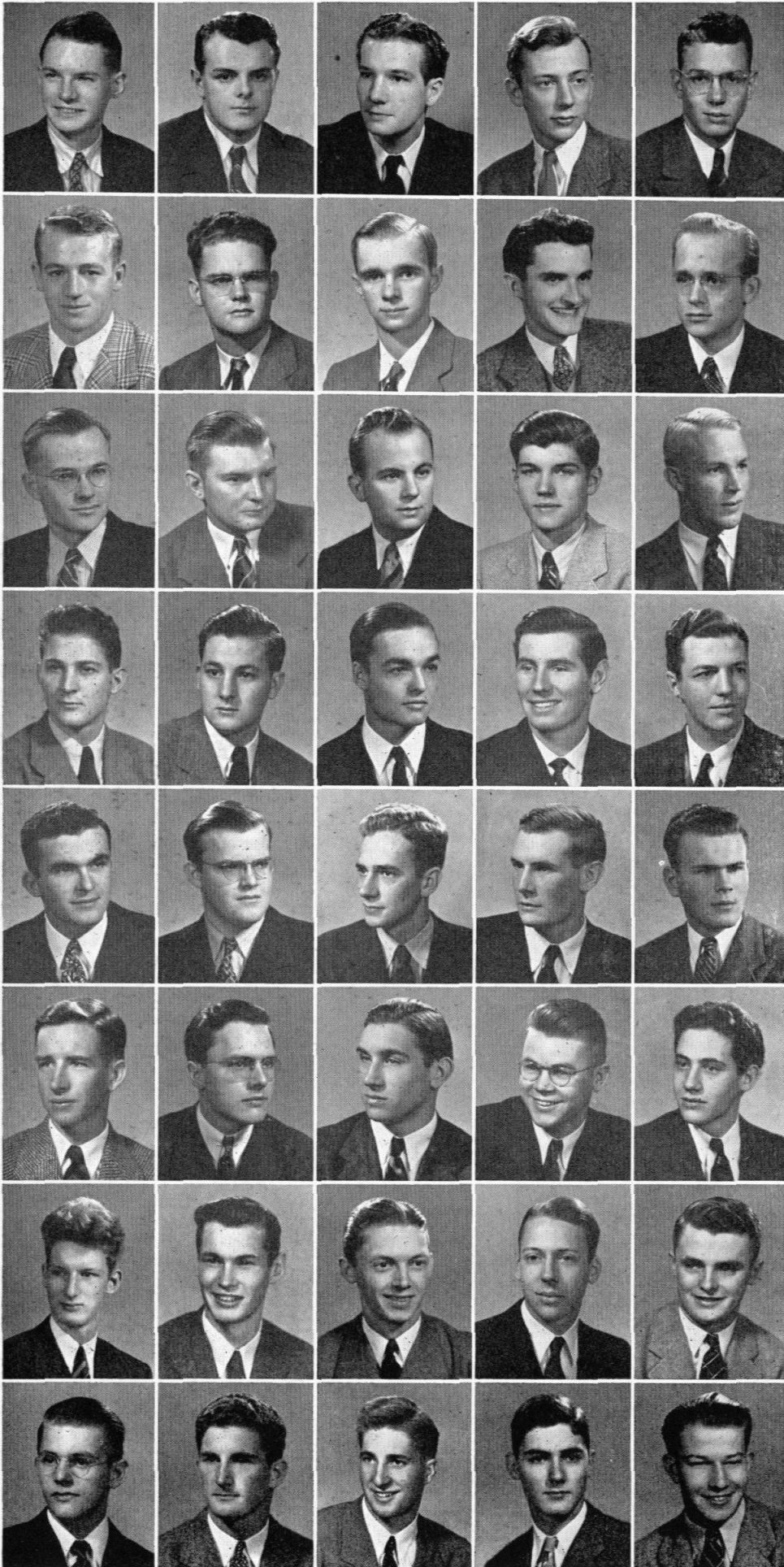
Holditch, G.
 Holditch, J.
 Holtby
 Honnold
 Johnson, D.
 Johnson, K.



FLEMING

In A.S.B. affairs Fleming vied with Ricketts in contributing members to the student body government, with four of the nine members of the Board of Directors and four of the nine Board of Control members. Vice-president Bob Bragg was an active Board of Control chairman, and in addition Deane Morris served as treasurer, Harry Moore as publicity chairman, and Willis Bussard as first representative.

FLEMING



Johnston
Laabs
Lester
Lewis
Lingle

Long
Lovelace
Lyon
Mann
Mead

Merritt
Moore
Morris
Neerken
Nelson

Noh
Norsworthy
Powlesland
Proctor
Ratray

Reid
Ridenour
Schaafsma
Schuyler
Seed

Sheck
Sinclair
Smith
Spencer
Stix

Stokley
Tasker
Tedrick
Tuedio
Wiggs

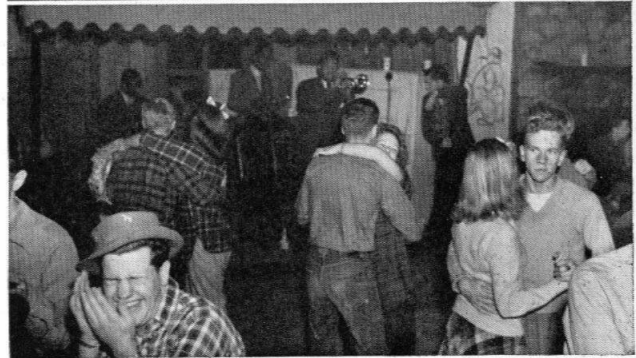
Wilbur
Wilhelm
Williams
Wood
Young

Despite the suspension of intercollegiate football, the house was as usual well represented in intercollegiate sports, retaining the new trophy for varsity competition again this year as it has since its presentation to the school three years ago. Basketball co-captains Bill Fair and Dean Chapman, together with Harry Moore, were mainstays of the conference championship basketball team. Distance runners Mel Merritt and Bill Harland did their share in both track and cross country, as did Harry Lingle in the 880 and Ralph Pastoriza in the high jump, while Louis Gowans, Bob Frost, Ken Powlesland, Elmer Hall, and Ray Tedrick were baseball lettermen. "Little Jim" Tuedio kept water polo going practically singlehanded, serving as captain, coach, and player all in one. John Nelson and Tuedio were also leading sprint men on the swimming team, while Johnny Dimmick was again number one varsity tennis man.

Wartime restrictions notwithstanding, the social season featured some of the most successful affairs of the past several years. Starting out in the traditional manner by acquainting the new freshmen with the true Fleming spirit at the first term house smoker, Pope Kirk Lewis proved himself a worthy successor, perhaps the equal of the legendary J. B. Stevens of hallowed memory. Better than ever was the Ricketts-Fleming Barn Dance and hayride, so popular that it was repeated third term, and the annual second term Fleming Formal, held early in third term at the Southern California Country Club, was unanimously proclaimed the best dinner dance in history. The latter two events were planned and conducted by Entertainment co-Chairmen Tom Norsworthy, Vince Honnold, and Ann Wallace, the first female house officer of recorded history. Also memorable was the Interhouse Dance, when the luminous paint which decorated the walls failed to give as much light as anticipated.



Graner, Roese, and spouses drink to the future.

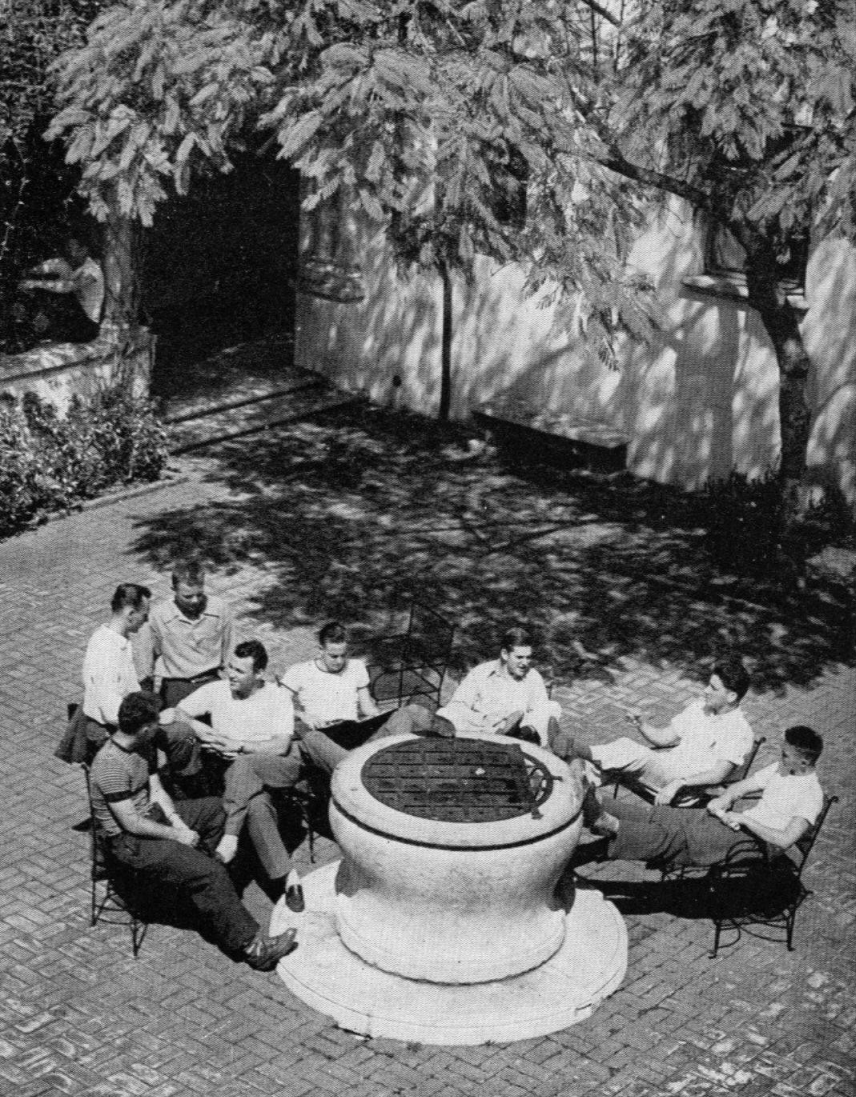


Flemings bar was nearly as popular as the blackout theme at the inner house dance.

Biggest success of the year was the Fleming-Ricketts barn dance.

At the end of second term Fleming lost two valuable men to Air Corps Meteorology, Harry Moore and publicity-manager-elect Stan Holditch, and when the E.R.C. left early in third term 15 more stars were added to Fleming's service flag, a blow from which the house never fully recovered.

Other officers who guided the destinies of the house through the stormy year '42-'43 were T. B. Alpert, prominent sports editor, as vice-president, Louis Gowans as secretary, tight-fisted and efficient Mel Merritt as treasurer, Doug Reid as social chairman, and John Nelson as athletic manager. It was largely through the Big John's untiring efforts that a rather unpromising athletic season ended so happily, and in recognition of his hard work he was chosen as next house president at the regular third term elections. Other new officers are: Bob Lester, vice-president; Tom Norsworthy, secretary; Neville Long, treasurer; Bob Laabs, athletic manager; Jim Tuedio, social chairman, and Hank Ammer and Ann Wallace, entertainment chairmen.



When the sun shines, Ricketts men are always found around the fountain.

As the gay old days of Student House life drew rapidly to a close, the men of Ricketts House looked back upon the years and were well satisfied with the showing they had made, the work they had done, and the life they had led. More fresh than the previous years, perhaps, this last will live in their memories as a typical year of Ricketts successes.

Ricketts again served Tech well in all fields. In athletics Macartney, Smith, Bair, Martin, Rosener, Tillman, and many others started the year off by doing a bit more than their share in the intramural football league. Andrews, Graham, and Strickland were integral parts of the championship basketball team, while Carter and Odell led the league in their track and cross country events. Borden and Spaulding led the soccer team with their consistent play, while Osgood, Pilorz, Halpenny, as well as many others, were well above average in golf, swimming, skiing, and the other sports. Of the frosh, Clark did wonders in tennis, Tillman put a mean shot, Fuller stood out in basketball, and Gerber was well in front of the pack in cross country and track.

On the activity page of the ledger, during the first two terms Chuck Strickland finished his long career of service as A.S.B. President, while Tway Andrews, Tommy Carter, and Lawson Jones served as secretary, second representative, and rally committee chairman; Chuck MacDougall left the Athletic Managership to Johnny Adams when he entered the Navy, but Johnny too donned the G.I. in December. Holt Ashley and Dave Shoner, as editor and business manager of the California Tech, with a lot of help from Francis Odell and Bill Bair put out a first class paper. Roger Bate and Bob Gustavson are responsible in large part for this Big T.

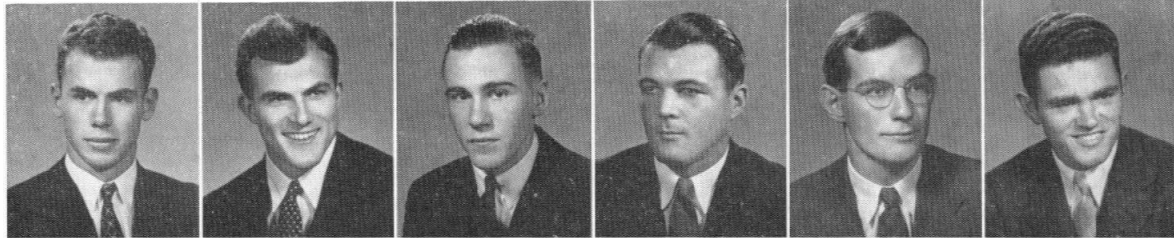
In March Ricketts got to work again, and Tway Andrews succeeded Chuck to become the seventh successive A.S.B. President from Ricketts. In addition, the offices of Vice President, Secretary, and First and Second Representatives were entrusted by the Student Body to Bruno Pilorz, Tommy Carter, Francis Odell, and Don Tillman.

Stew Martin and Mary Woodward sit one out behind one of the wagon wheels at the inner house dance. Gas rationing prompted the "Back to Horse and Buggy Days" theme.

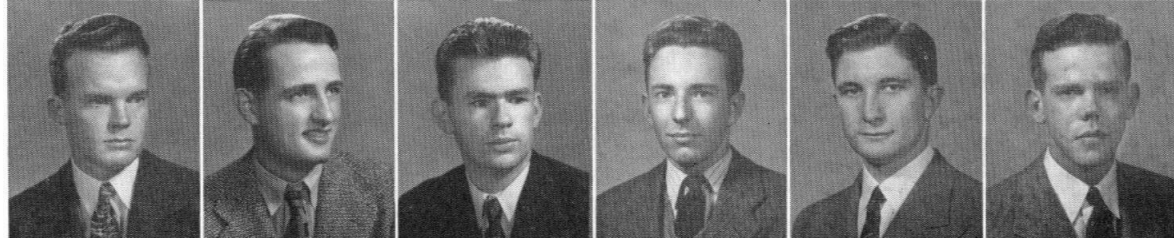


RICKETTS

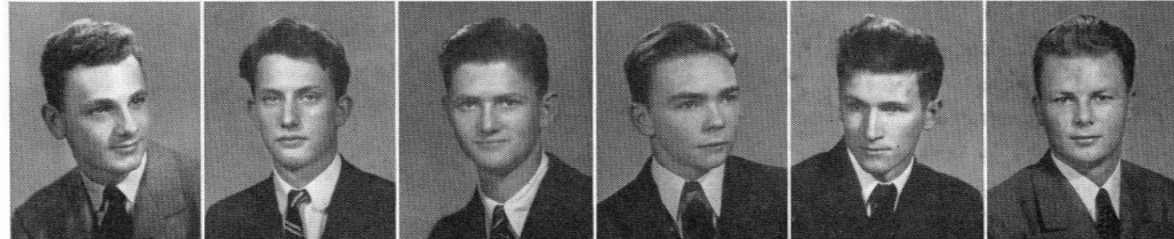
Adams
 Andrews
 Arnold
 Ashley
 Bacon
 Bair



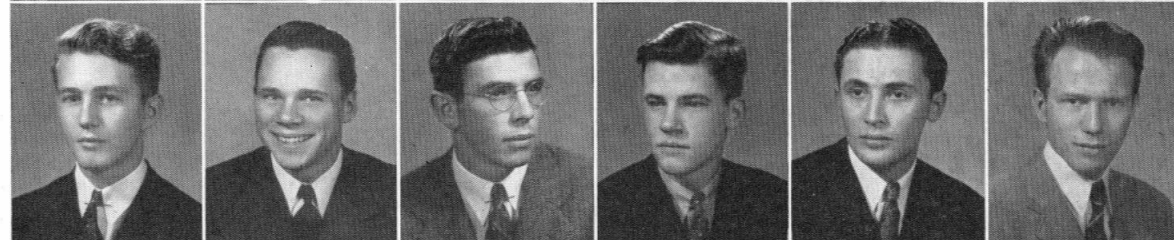
Bangs
 Bate
 Baugh
 Bewley
 Brown
 Borden



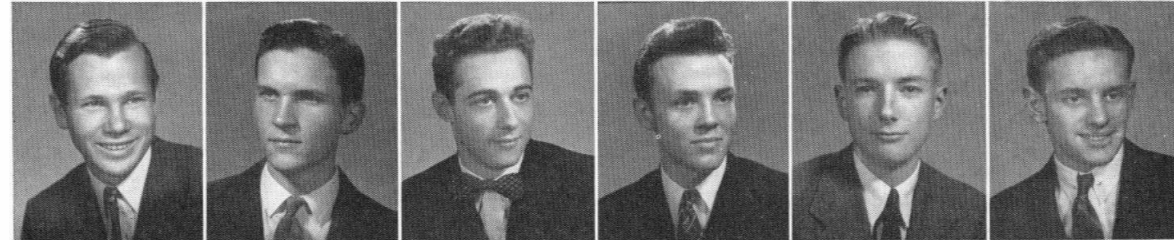
Burnside
 Butler
 Camp
 Carter
 Chalmers
 Clark



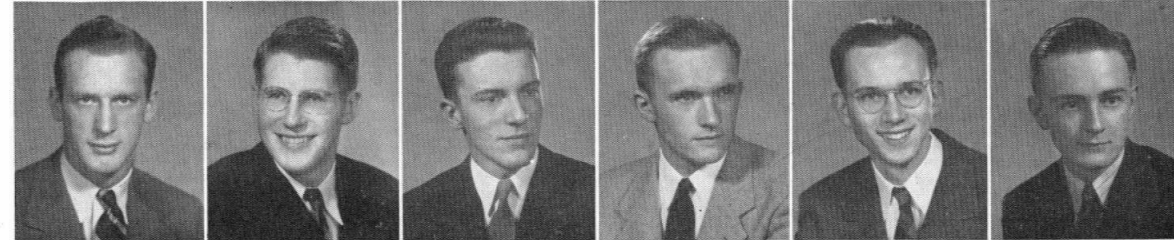
DeLano
 Dibbern
 Dore
 Drew
 Engel
 Fahy



Fisher
 Fowler
 Frey
 Fuller
 Gaddis
 Gerber

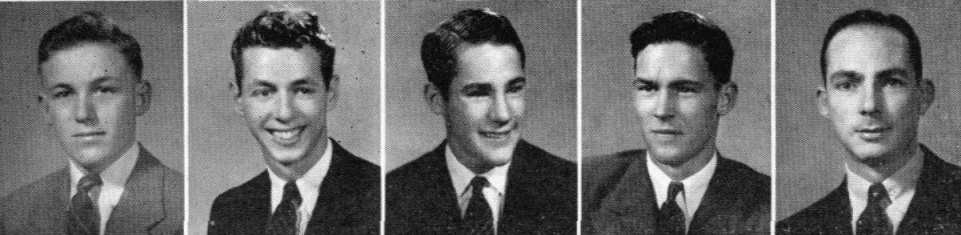


Graham
 Granicher
 Green
 Griffith
 Gustavson
 Hall, C.

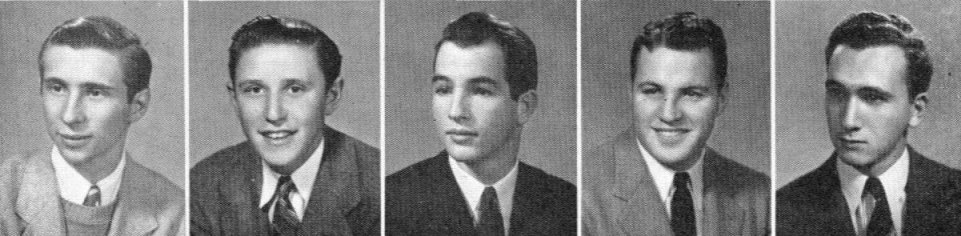


Hall, R.
 Hanchett
 Halpenny
 Henderson
 Hodder
 Holm

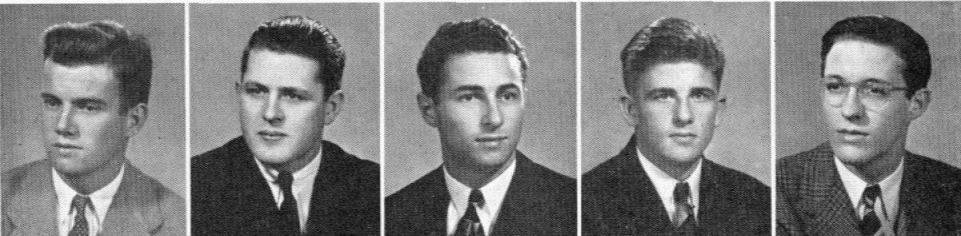




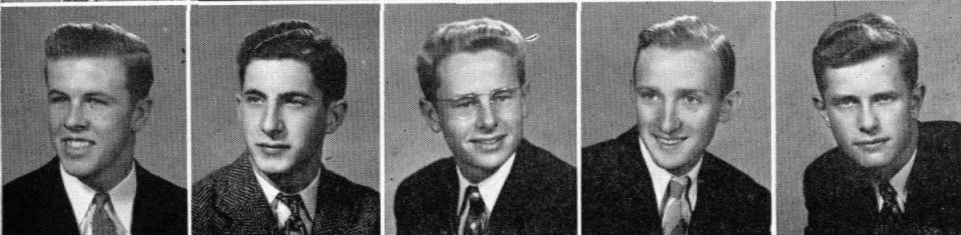
Holmes
Howard
Hunt
Jones
Keating



Levine
Levy
Lockwood
Macartney
Margaretten



Martin
McCoubry
Mehl
Meier
Myers



Newell
Newman
Nicholson
Odell
Osgood

Peterson
Shippee
Stone, S.
Trimble

Pilorz
Shonerd
Strickland
Van Vorhees

Poolman
Sigworth
Taylor
Warren

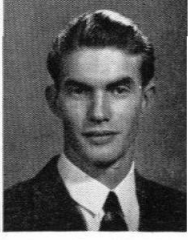
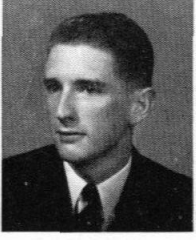
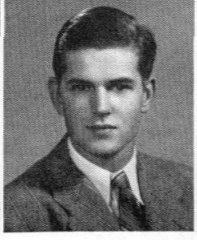
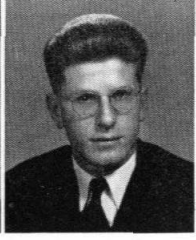
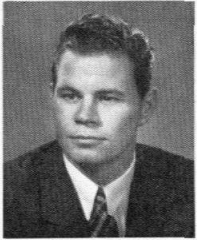
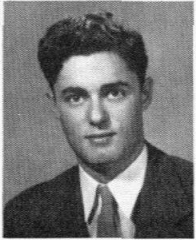
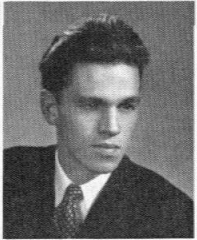
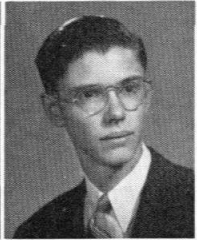
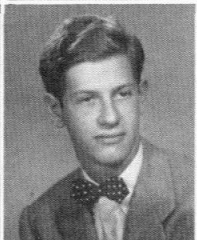
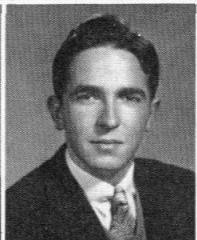
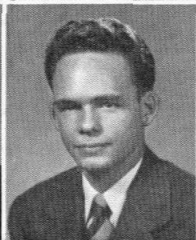
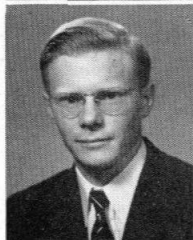
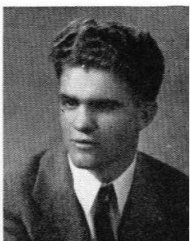
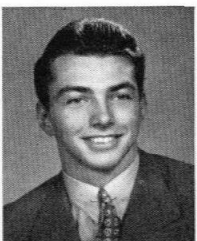
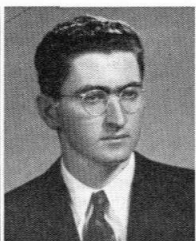
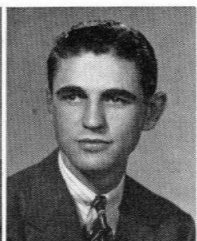
Prudden
Sloane
Tenney
Williamson

Purcell
Slyle
Terrell
Wood

Roach
Smith
Thorpe
Wright

Rosener
Spaulding
Tillman
Yik

Scarborough
Stone, R.
Tracy
Young



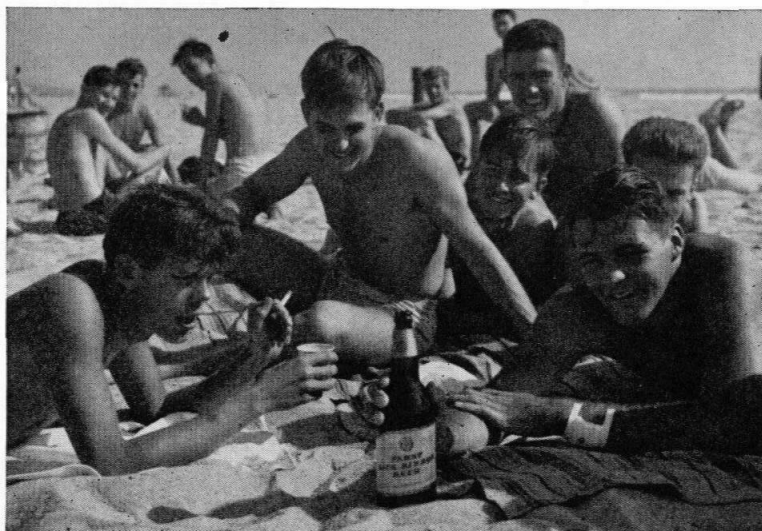


Ricketts was proud host to Jinx Falkenberg. Thanks to the freshman class and Stan Clark,

In class organization Everett Macartney, Jay Borden, Stew Martin, Jim Smith, Stan Clark, Don Tillman, and Stu Butler held offices in their respective classes.

Despite the extremely heavy participation in all student body affairs, Ricketts men are just as proud of their activities as a House.

In House Athletics, Ricketts placed second, winning the Interhouse Ski Meet and sweeping the cross country meet in the process.



Obviously the Rowdies beach party was a great success.

The House government for the first two terms was headed by Bill Halpenny with able backing from Harry Sigworth, Bill Bair, Bruno Pilorz, and John Bacon as vice president, treasurer, secretary, and athletic manager. These offices devolved upon Sigworth, Jay Borden, George Wood, Tony Spaulding, and Bill Lockwood in the spring elections.

The social program under the aegis of Sigworth was of the usual top-flight quality. A main attraction was the Interhouse Dance; the formal and spring dance, and the various class dances highlighted the schedule, with the stag beach party and the escape mechanism of the Fleming-Ricketts Barn Dance occupying their own unique positions.

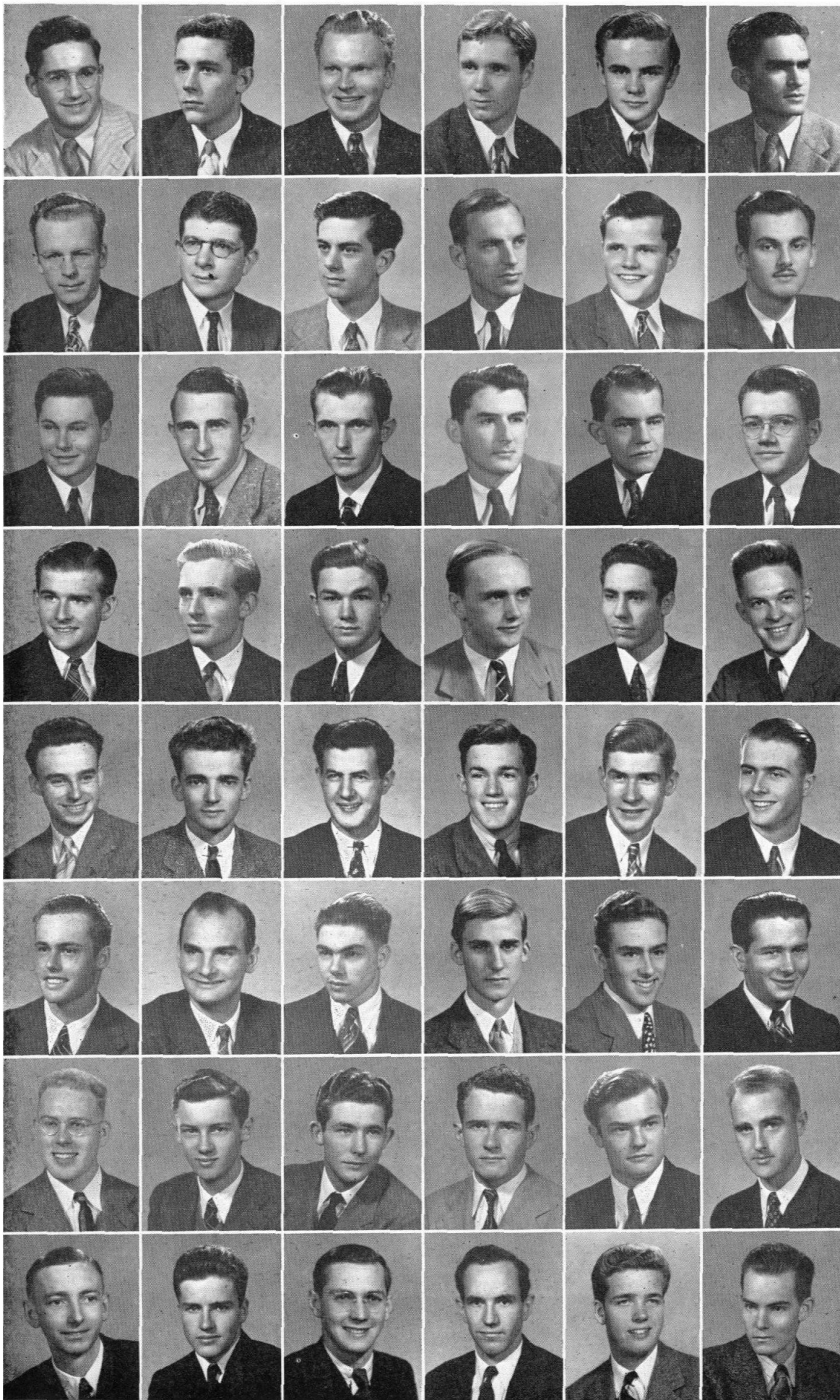
In years to come, however, the memory that will bring the deepest surge of pride will be that of the old Ricketts spirit—the deep companionship that bound the men together, and the many manifestations of it in the carefree brawls, brotherly bull-sessions, the ganging up to work on a job—Ricketts will mean all that to many a man, soldier, sailor, engineer, or scientist.



The fireplace was a very popular spot during the Junior dance.

RICKETTS

THROOP



Abrams
 Allinder
 Allrud
 Anderson, A.
 Anderson, R. A.
 Anderson, R.M.

Anspach
 Apostoli
 Bagley
 Bayley
 Beckett
 Begovich

Behrens
 Benson, G.
 Benson, R.
 Benton, A.
 Benton, R.
 Bergman

Bond
 Botts
 Bradley
 Brady
 Briglio
 Brough

Brown, G.
 Brown, K.
 Bruman
 Brydolf
 Bulkley
 Bunker

Burt
 Chase
 Christianson
 Collins
 Coit
 Curci

Dauwalter
 Darling
 Davis, B.
 Davis, D.
 Davis, Rich.
 Davis, Robt.

Dubbs
 Dunne
 Eller
 Ellis, A.
 Ellis, D.
 Elmer



President Anspach and Social Chairman Brough pause in front of the historic Throop fireplace with their dates.

Third term, Throop Club again elected officers to carry it through the year. These officers will also make arrangements for the club under the new Navy program. The club president is Lewis Grimm, vice president James Drake, secretary Phil Adams, treasurer J. Mitchell. Chandos Rypinski was appointed social chairman, Bill Muehlberger lounge chairman, Kirk Sadler publicity manager, and Fred Ely athletic manager.

Several additions have been made to the club, the most outstanding being new rugs for the lounge and the complete overhaul and repainting of the patio furniture which had gradually deteriorated through hard use over several years.

This year Throop Club was able to fulfill its function of providing a gathering place for off-campus students even better than in previous years as more students were living off campus, and the total membership reached a new high first term of well over two hundred members. The war forced a reduction in the number of dinner meetings, but noon meetings were substituted and club business carried on as usual. The new Throop Club Constitution got its first real test this year, and proved its ability to cope with numbers of difficulties easily.

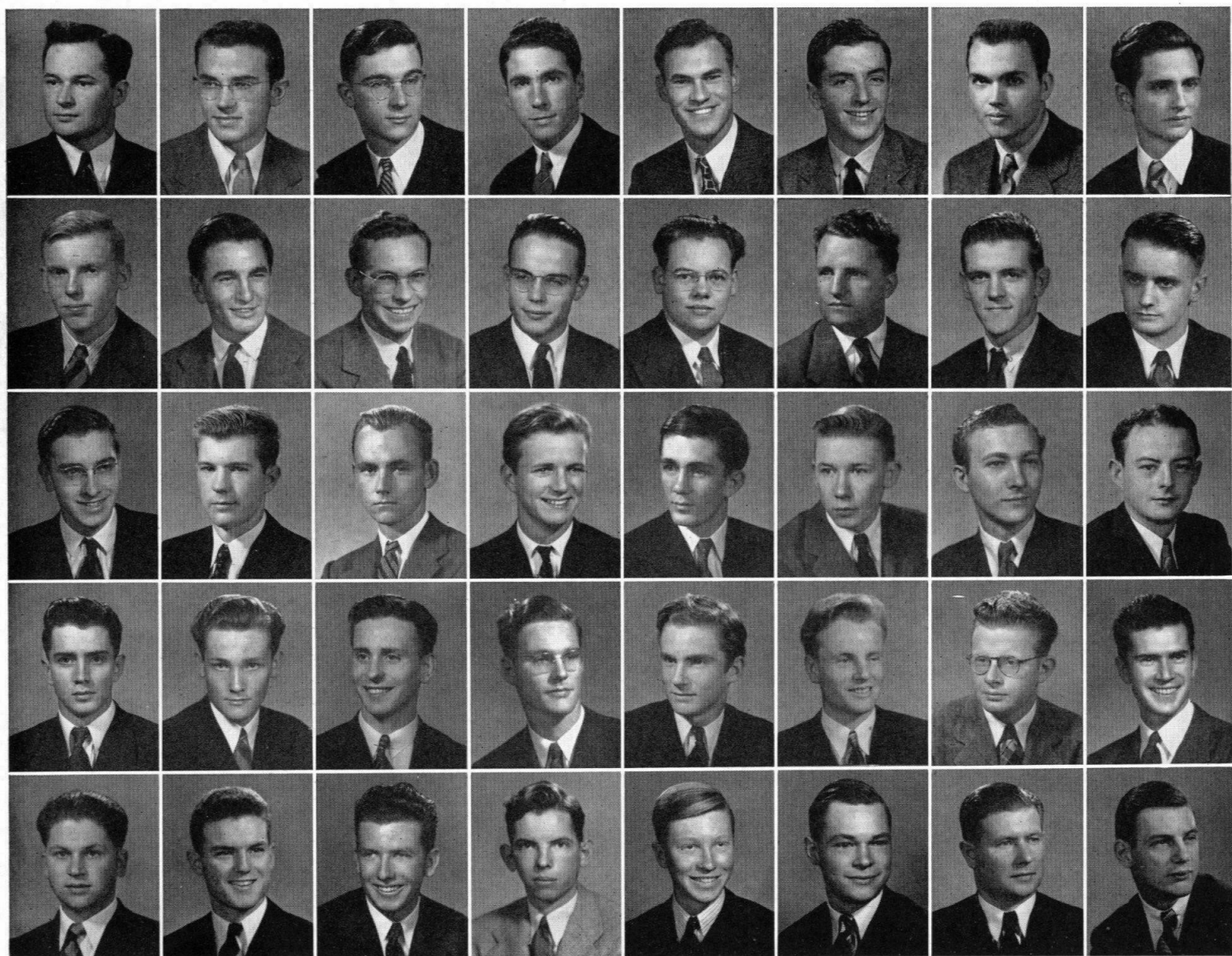
The officers worked under the guidance of Dean Jones. Club president was Ken Anspach, vice president was Lewis Rambo, Ed Flavell served as secretary, and George Walker was treasurer. Lewis Grimm proved himself an able athletic director while Carter Sinclair acted as publicity director. During the year Roy Mann, Carl Savit, Bob Benton, and Harry Brough held the post of social chairman. Lounge chairman was held by S. Steinle, H. Brough, B. Benton, C. Rypinski, and B. Jacob. Bob Benton headed the advisory council of Carl Savit, Art Gardner, James Drake, Chandos Rypinski, and Bob Wilkinson.

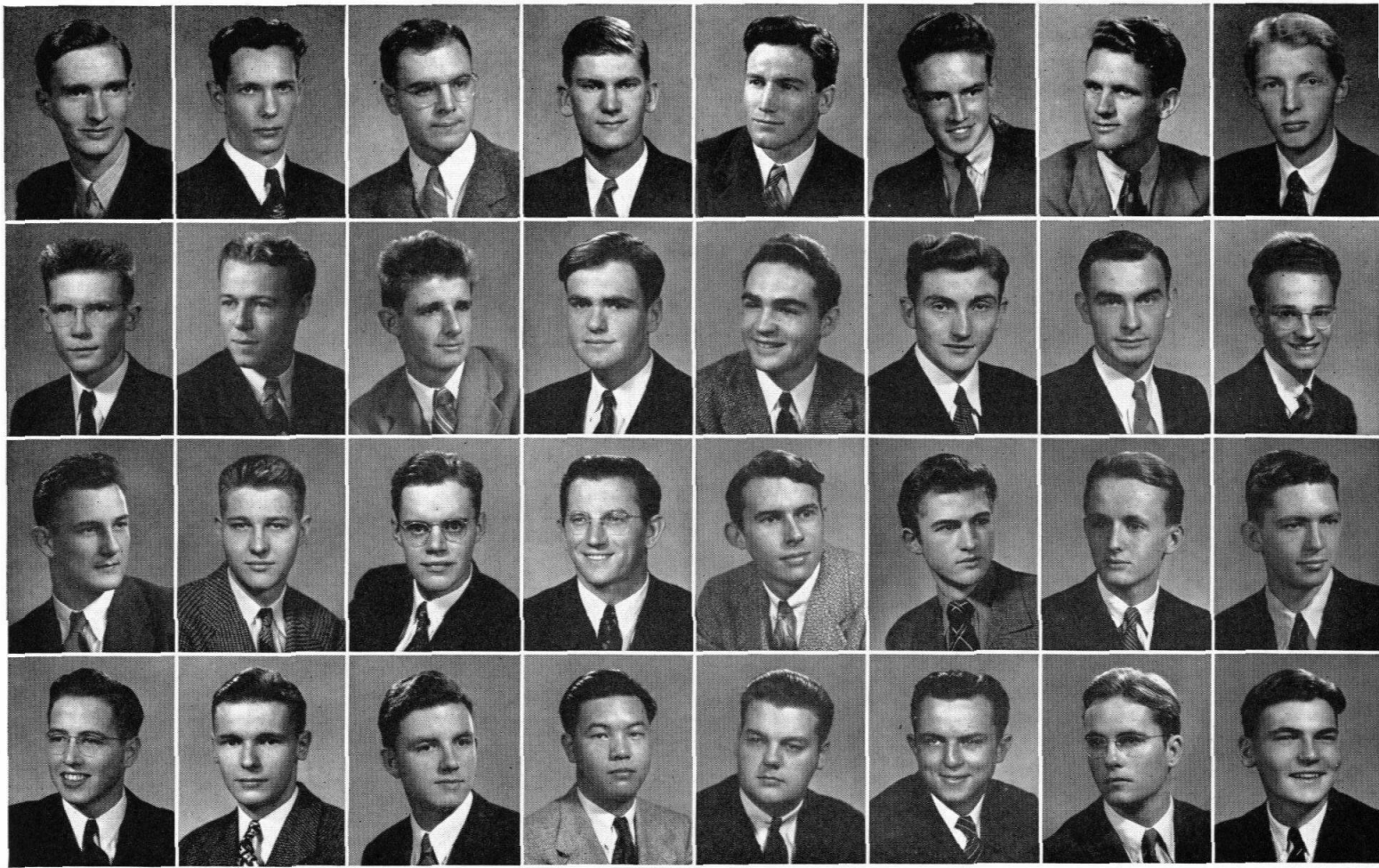


Throop Club social life was altered from its former pattern this year by greater emphasis on affairs on or near the campus to make it easier for members to find transportation. Despite the change, an enjoyable social program was provided all three terms starting first term with the traditional Freshman Stag and the annual exchange dance with the Off-Campus Women's Club at Occidental. Following these came a formal in Dabney lounge with a Halloween theme which featured an all-girl orchestra. The Interhouse dance saw Throop Club transformed to a wharf with all the atmosphere necessary to make it a success. A barn dance in the lounge, and a trip to the Pasadena Community Playhouse to see "Cuckoos on the Hearth," concluded the term's social program.

Second term started with a roller skating party at the Moonlight Rollerway which was successful in spite of the rain. In a roller skating tug-of-war the Throop men outpulled a group of Fleming stags. After that came the Throop-Ricketts dance at the Pasadena Athletic Club which was its usual success. The Freshman initiation was next and ended in a bowling party at the Pasadena Bowling Court for which the entire upstairs had been reserved, and a good time was enjoyed with the Freshmen serving as pin-boys. The second term ended with an orchestra dance in the lounge.

Enikeieff	Evans, D.	Evans, F.	Field	Flavell	Francis	Freeman	Gardner
Gerty	Gilbert, R.	Gilbert, T.	Gilmore	Golding	Neufeld	Greve	Grimm
Grubb	Hadley	Hall	Hamilton	Hammel	Harrington	Hass	Hatcher
Hausmann	Hodges	Hardin	Hull	Jakob	Johns	Johnson	Kendall
Klein	Knight	Knopoff	Knudson	Kofahl	Kuck	Labanauskas	LaForge





Lansdown
McClure
Meuhlberger
Pilling

Larson
McLean
Myers
Pischel

Lee
McMurray
Neidlinger
Pugh

Linnes
Meehan
Neutzel
Quan

Long
Mitchell
Nevill
Rambo

Marshall
Moore, B.
Nylander
Rea

Mason
Moore, R.
Osborne
Reed

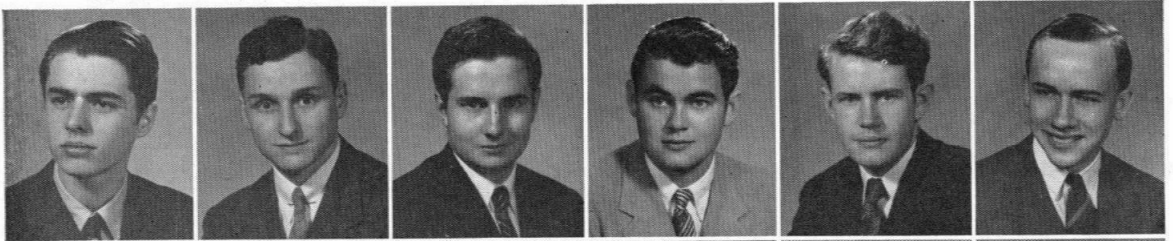
Mattson
Morgan
Phillips
Rempel

Lunch hour always sees a crowd of fellows
in the Throop patio.

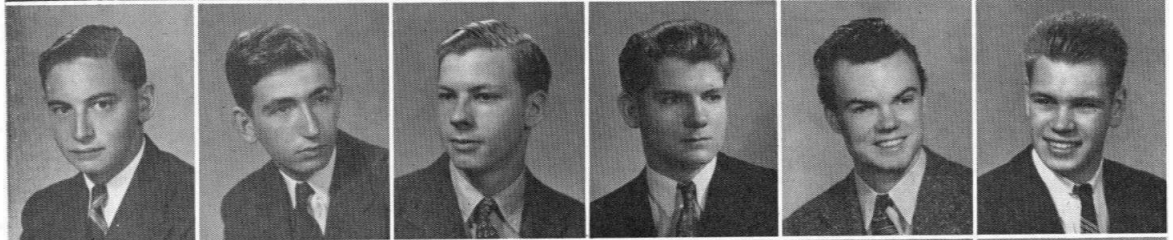


THROOP

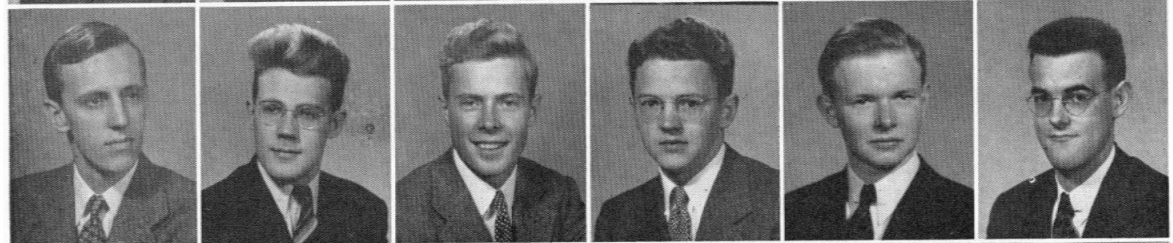
Ross
 Rypinski
 Sadler
 Safonov
 Sandell
 Saplis



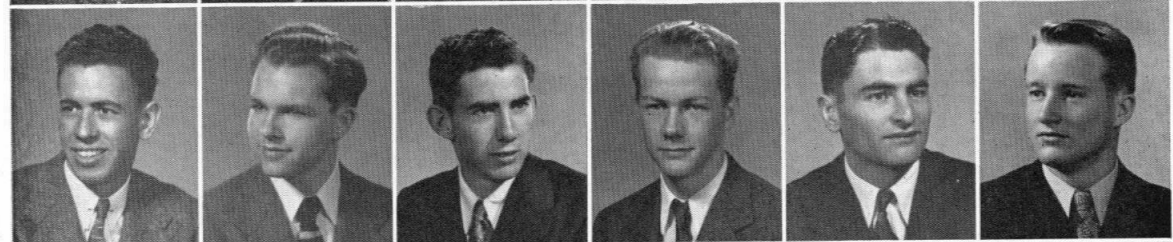
Schamberg
 Schlaffer
 Schurmeier
 Schuster
 Scott
 Seitz



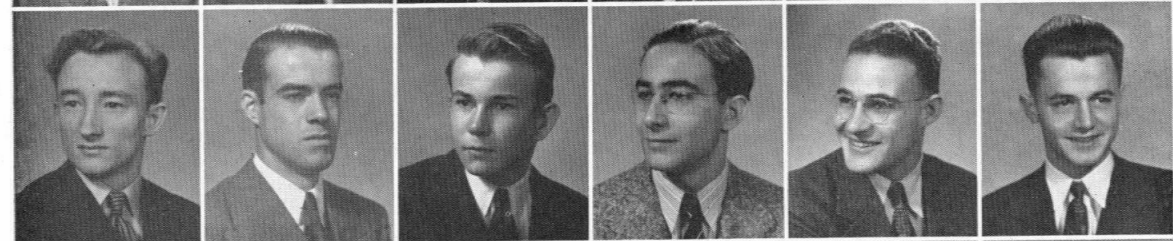
Selleck
 Sinclair
 Six
 Smith, F.
 Smith, J.
 Snyder



Solomon
 Steinle
 Stewart
 Strem
 Sutton
 Terwilliger



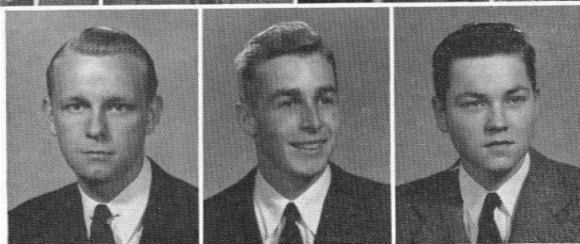
Thiene
 Thompson
 Tookey
 Trilling, C.
 Trilling, L.
 Ukropina



Valle-Riestra
 Veach
 Wade
 Walker
 Waters
 Weeks



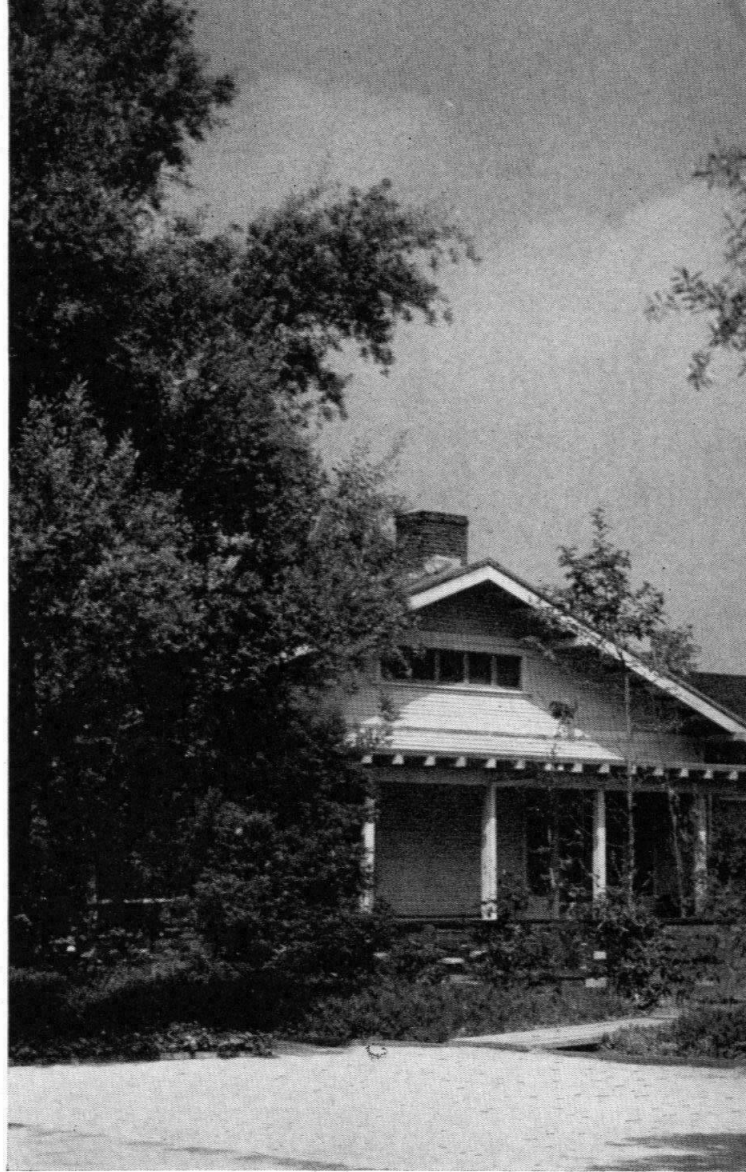
Wilcox
 Wilkinson
 Winter



Third term featured first the annual Installation Dance honoring the newly elected officers, which was held at the Palladium. This was followed by a skating party, and the annual spring dance which was held in the club patio. Another highlight of the term was the exchange dance. These events were supplemented by numerous record dances in the lounge, which gave Throop Club one of the best social programs in its history.

In sports Throop more than held its own. Striving hard to outdo last year's record of having undefeated teams in two major sports, Throop fought hard in all its contests. The soft ball team was built around Carroll, Elmer, Drake, and Grimm. This team won the Discobolus from Ricketts early in the school year. B. Parks and E. Rea guided the inter-house football team to a second place standing, losing but one of their games. Davis, Hausman, and Gerty paced the cross-country squad.

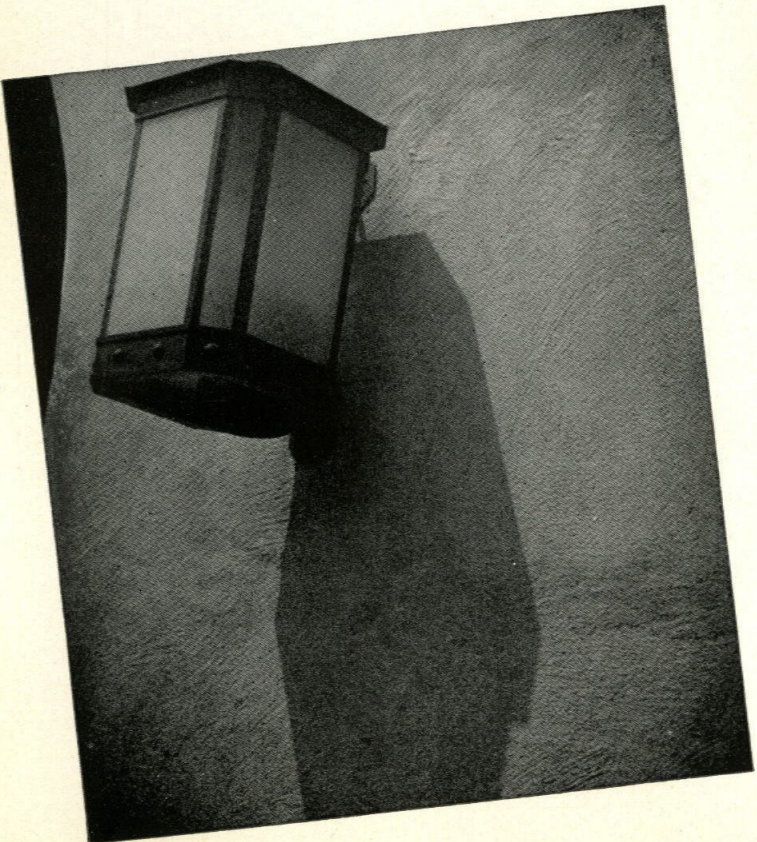
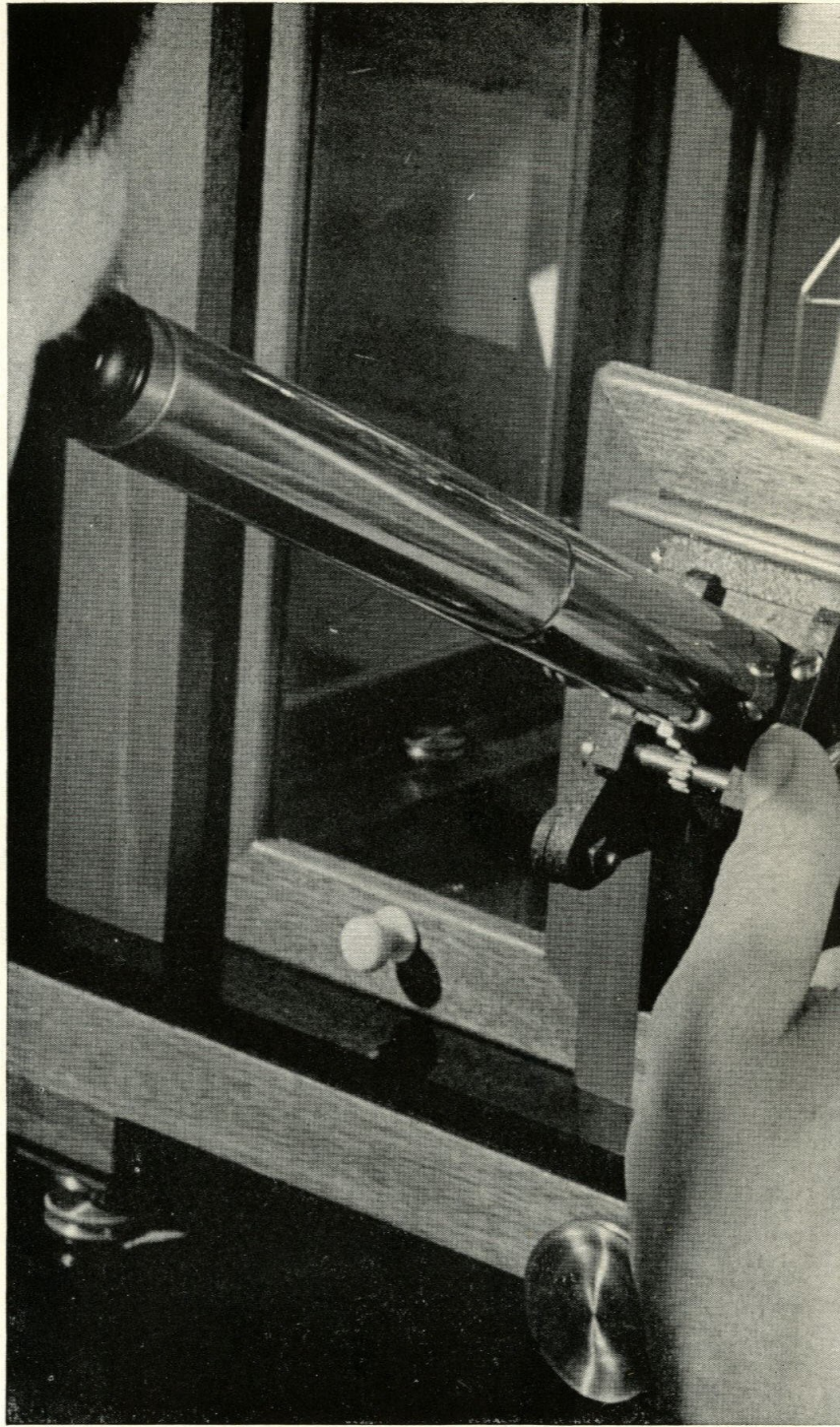
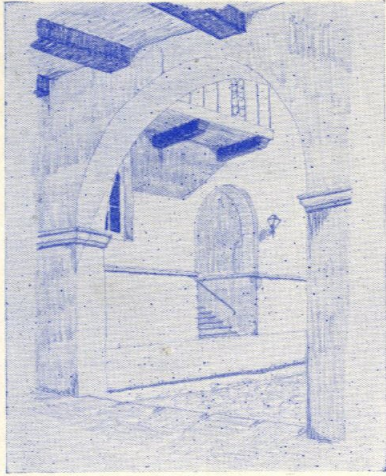
In track Kuck did exceptionally well winning the high hurdles, the high jump, and being on the second place relay team. Terwilliger took first in the 440 and was on the relay team, while Davis took second in the 100 and 220, and also ran on the relay team.

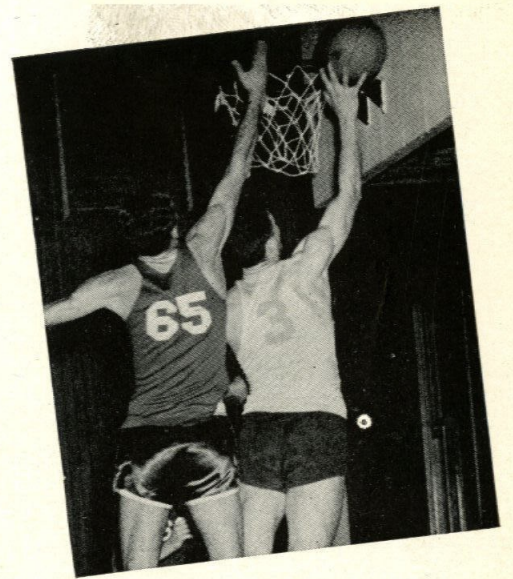
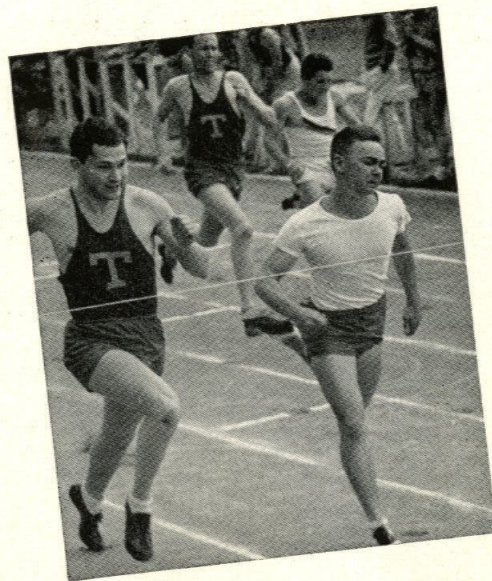
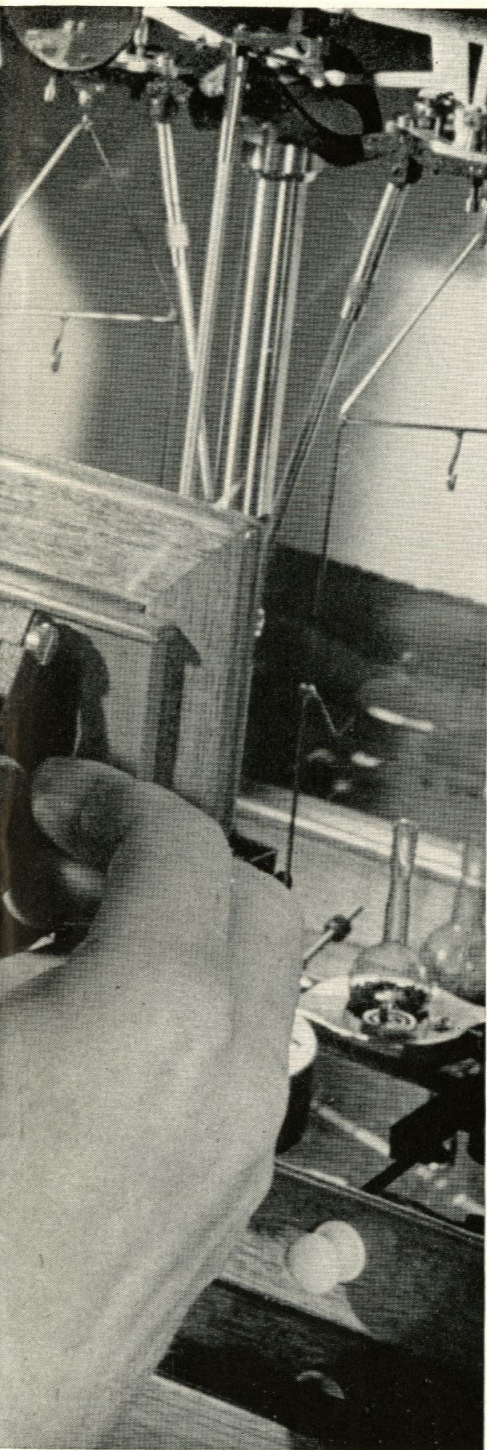


Throop men enjoy a dance in their large lounge.

The Throop Club basketball team led by Nick Begovich lost two close games in overtime periods. The first team was composed of Begovich, Drake, Galbreath, Gruen, Ely, and David. The volleyball team was led by Hamilton, and consisted of Hall Knopoff, McEuen, Muehlberger, Soloman, Grimm, and Burkholder. The tennis team was composed of Gruen, Grimm, Smith, and Talmadge.

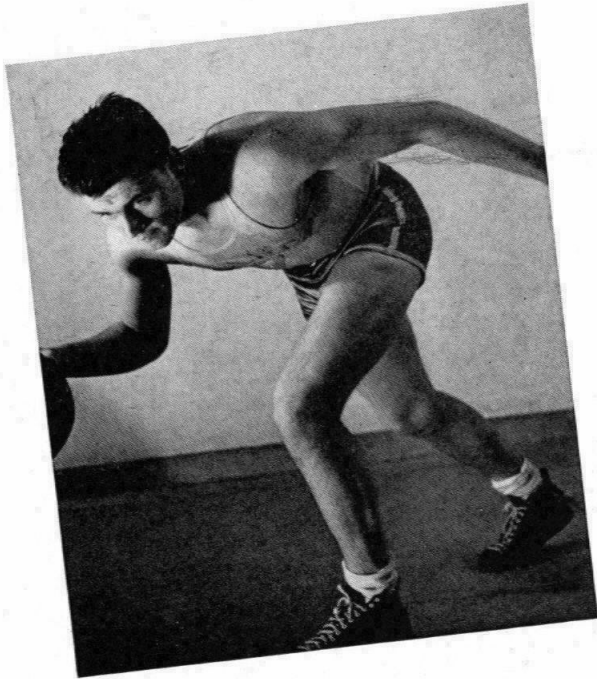
This year the Throop Club teams did well for themselves despite the loss of many good men to the houses and service.





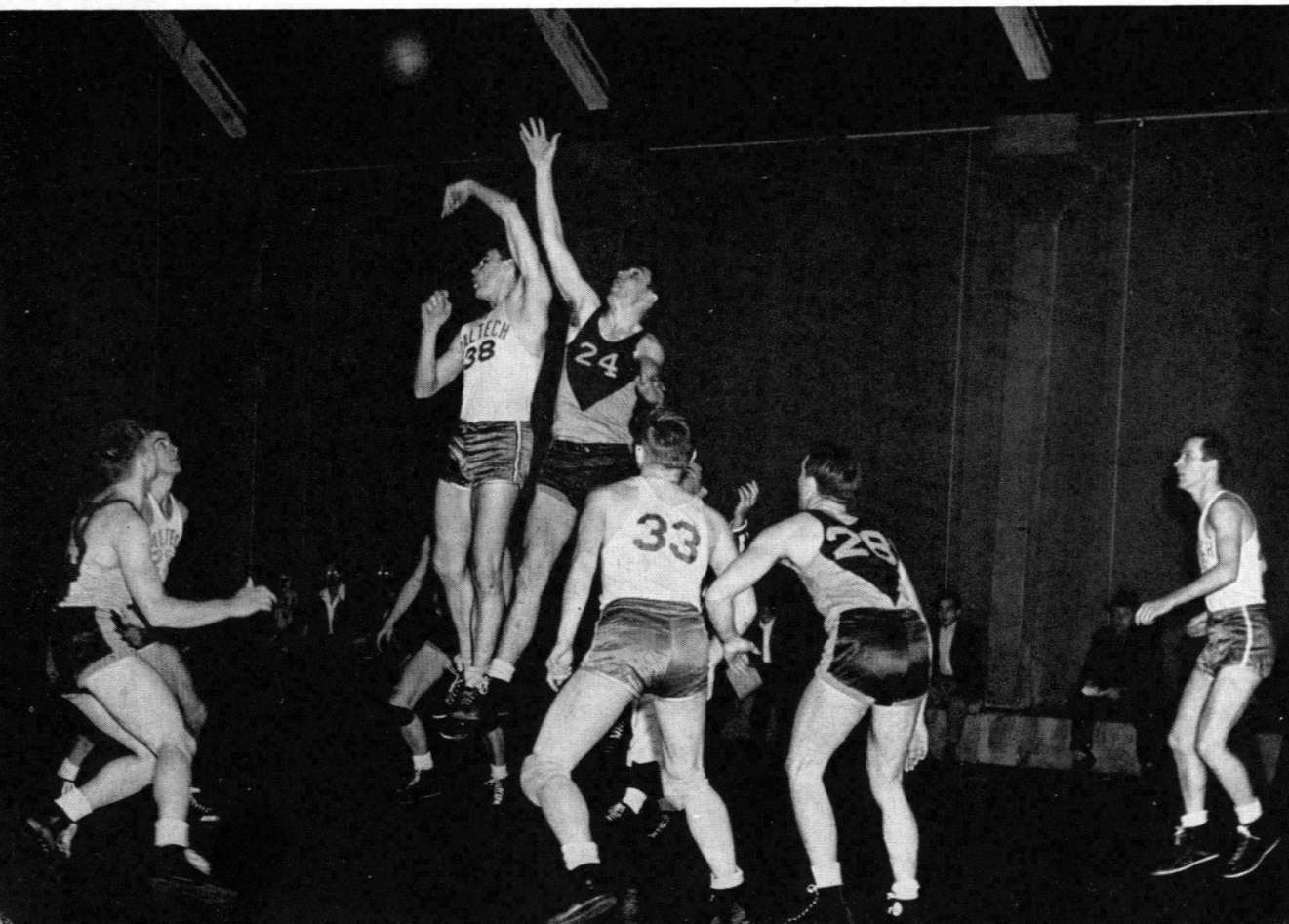
athletics

BASKETBALL

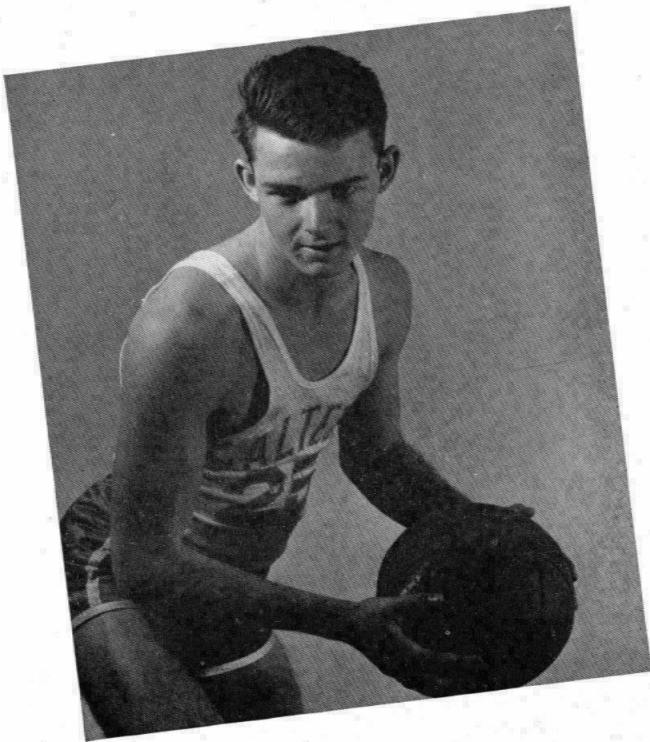


Dean Chapman, All Conference center

The varsity basketball team completed the upward climb it started last year by tying with Occidental for this year's conference championship. In conference play the squad finished the season with five wins and only one loss. Carl Shy, in his second year as varsity coach, developed a smooth working aggregation which was a credit to his coaching abilities. The team was built around Dean Chapman, high scoring center, again this year. However, Dean had valuable assistance from the other first stringers, Bill Fair, Hewitt Graham, Tway Andrews, and Harry Moore. Completing the regular line-up were George Kendall, Chuck Strickland, Dave Shonerd, Louis Gowans, Kirk Lewis, and Bob Stokely. Throughout the year Fair and Chapman alternated as captain for each game, having been elected co-captains at the end of last season.



Chapman, 38, takes the jump as the Redlands game begins. Tway Andrews, 28, waits to take the tipoff, as Moore, 33, watches. Hugh Graham is the other Techman in the picture.



Bill Fair, All Conference guard

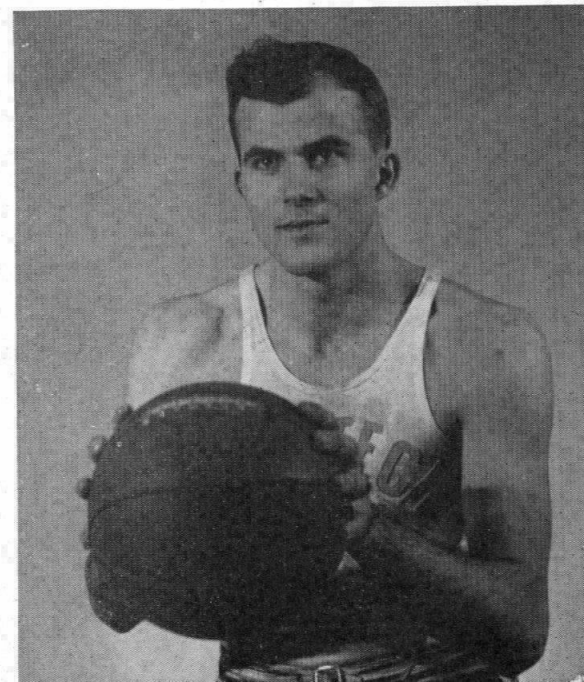


Hugh Graham, Forward

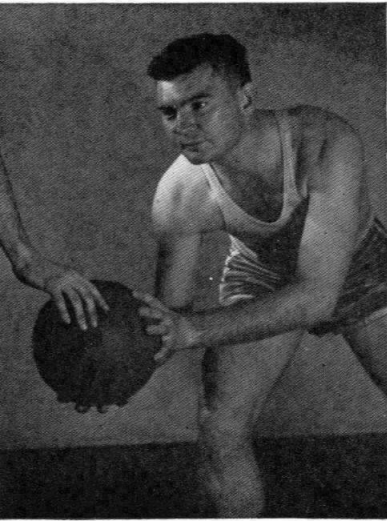
Casaba practice opened early in November since Coach Shy wanted to start early to mold a close-knit outfit from the various possibilities. In the first practice game of the season, Tech looked strong against a fast Glendale Junior College team. The Beavers took a high scoring game, 70-57. The next game saw the team at its lowest and Los Angeles City College defeated Tech, 44-37.

In probably the best game played by the varsity basketball team all year, U.C.L.A. was held to the close score of 65-59. Caltech led at the half, 31-26, and up until the last five minutes of the game was still in the lead. It was very early in the season, and the better condition of the U.C.L.A. team made the difference. Chapman was high scorer for the game with 25 points.

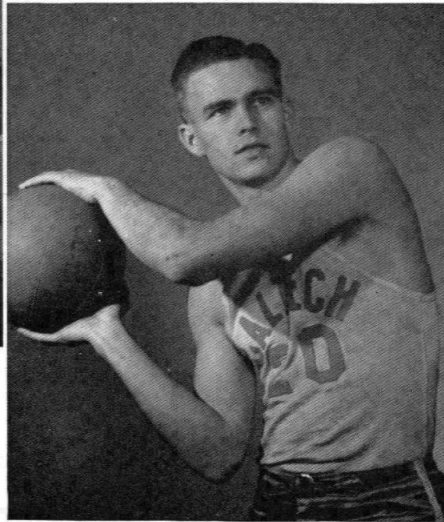
Tway Andrews, Forward



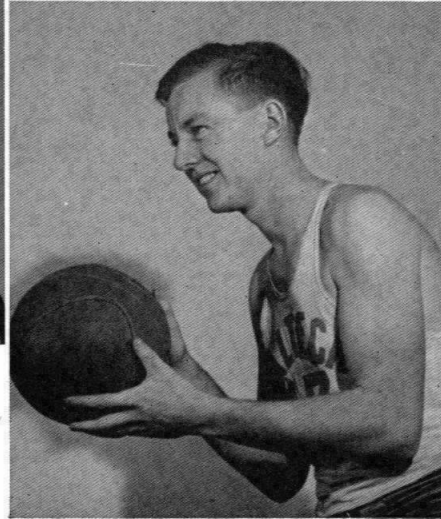
BASKETBALL



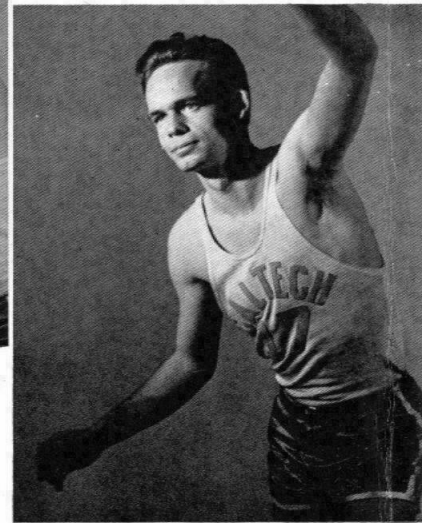
Harry Moore, Guard



Louis Gowans, Forward

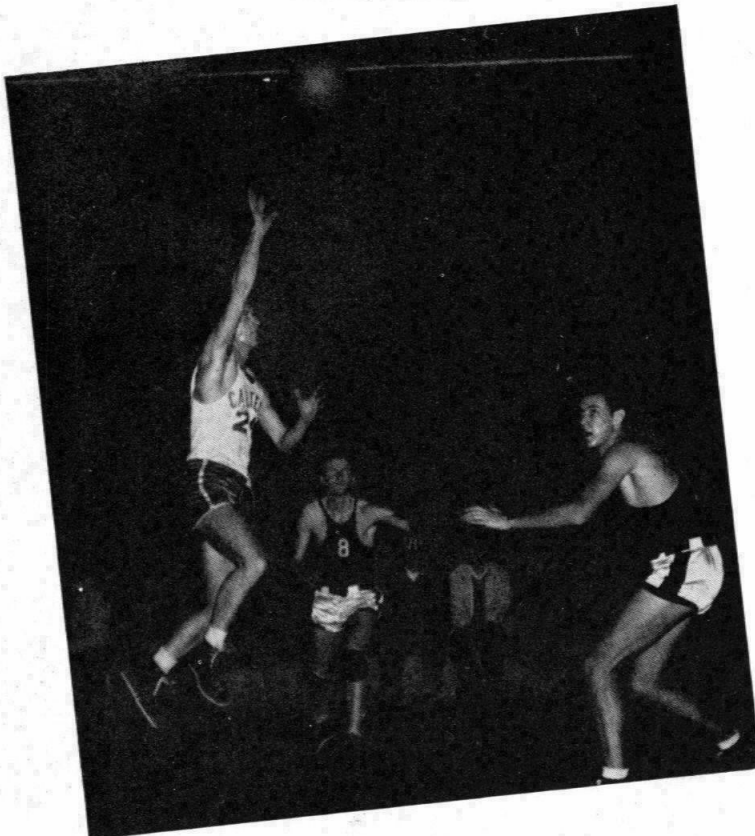


Charles Strickland, Guard



Dave Shoner, Forward

Hugh Graham sinks one as Johnny Dye, Pomona, stands by.



Tech split a series of two games with Pepperdine. The Beavers won the first game there, in which Pete Fogo did not play, and lost the second here when he made 27 points. Pepperdine later in the season defeated U.S.C. and did very well in the annual A. A. U. tournament at Denver.

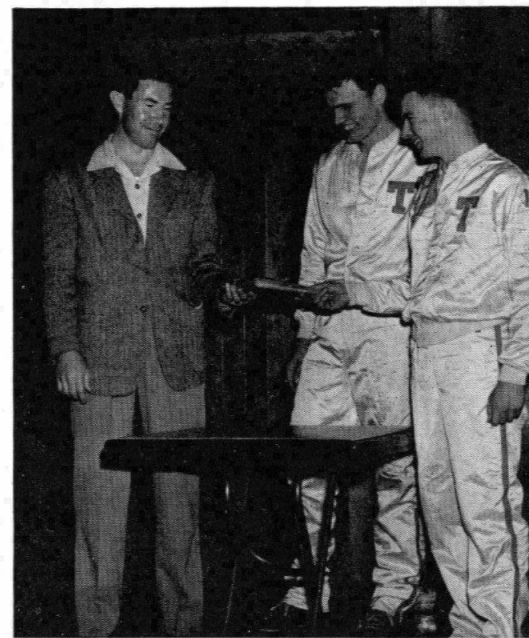
Caltech tackled the University of Southern California three times during the season and after the first disastrous defeat gave a very good showing. In the first game, S.C.'s All American Gene Rock and his partner at forward Alex Omalev went wild with their fast break. This, combined with the loss of Fair and Moore on fouls, led to a rout of the Beavers. In the second game Tech made its best showing against U.S.C., losing 45-40, after leading 23-20 at the half. Graham took second scoring honors with 13 points just behind Omalev's 16. The third game saw Chapman take high scoring honors with 19 points, but the Beaver casaba men lost 55-30.



Front: Greenwood, Gowans, Moore, Fair, Chapman, Graham, Andrews, Shonerd, Holditch. Back: Coach Carl Shy, Seed, Grimm, Lewis, Stokely, Lester, Strickland, Managers Steinle, Benton and Bloom.

After Christmas the league play began, but Tech, drawing a bye the first week, took on Whittier. Chapman captured high point honors again with 25, just ahead of Whittier's Tuttle with 22. However, the Beavers lost 65-49. Whittier was not in the conference due to its decision to play freshmen on the varsity team.

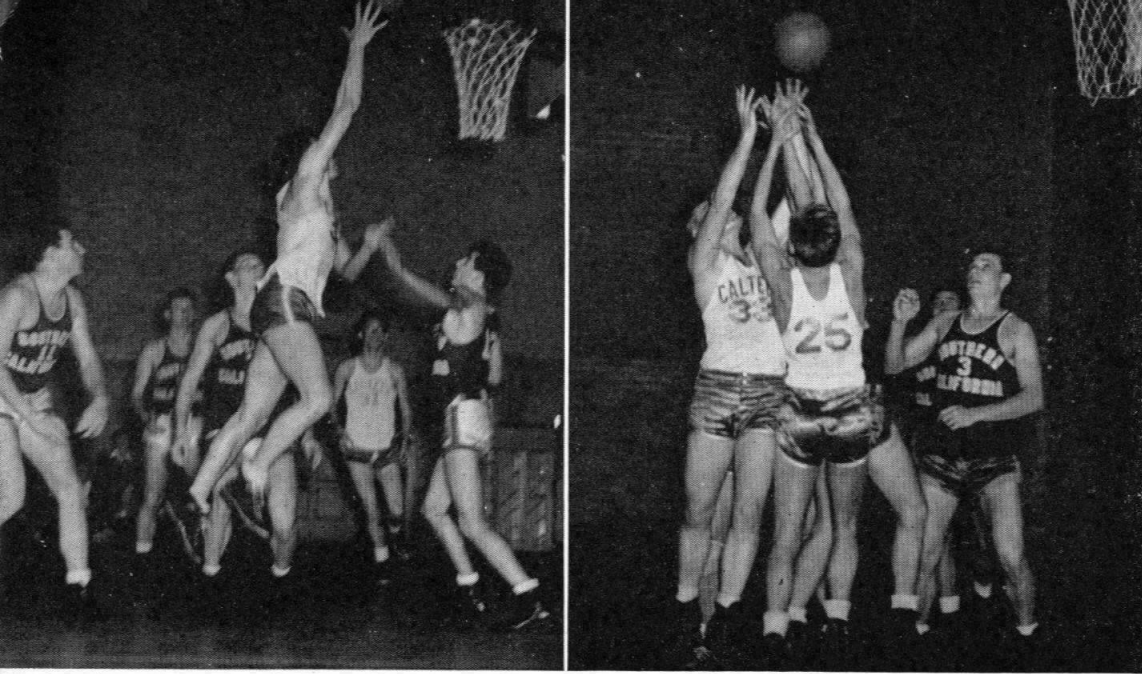
The first conference game saw Tech rout Pomona's John Dye and company to the tune of 53-35. Traveling to Redlands the next week in a terrific rainstorm, Caltech again won, but by the low score of 37-30. The following week the Beavers played their best game against S. C., but then went into a slump to take their only conference defeat from Oxy, 41-35.



Coach Carl Shy receives a card table from the team.

Dean Chapman, Coach Carl Shy, Tway Andrews, and the three most ardent rooters, Marjorie, Mrs. Shy and Dorothy Hill.





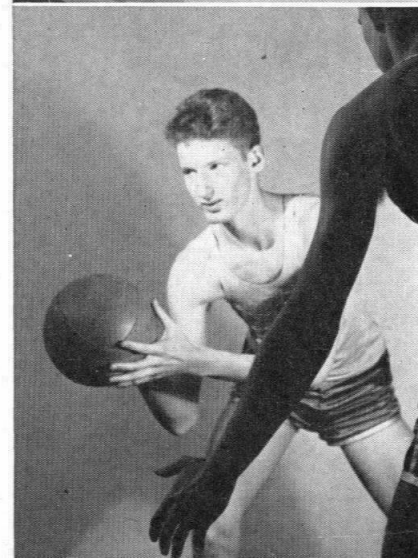
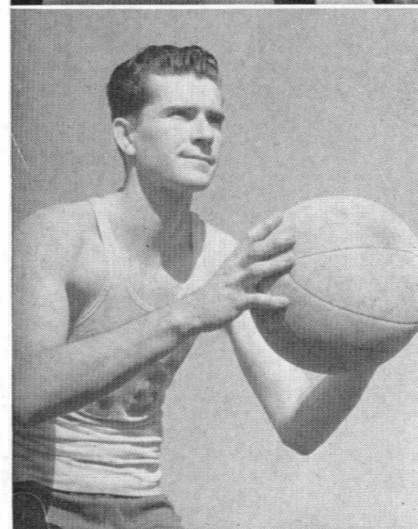
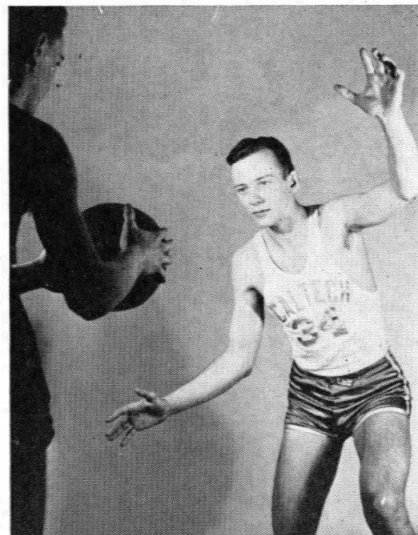
Conference Champions take on the University of Southern California.

The Engineers next defeated the Camp Santa Anita soldiers, 64-58, with everybody on the team showing in the scoring. The second Pomona game was won 64-55 with Chapman nosing out Dye and Graas of Pomona for top scoring honors. Although they led at the half, the Beavers lost to the Caltech Meteorologists, 54-50. Christenson, ex-Redlands star, led the soldiers with 26 points. The following week against Compton J. C., Bill Fair saved the game twice, but Tech lost in the second overtime, 53-50. Later that week Caltech lost 69-41 on the big Whittier floor.

The second Occidental game proved to be the thriller of the year. Oxy rallied after Tech had led by 19 points and the game ended 59-57, as the Beavers stopped the rally just in time. The last game of the season saw the Engineers coast through the Redlands squad to a 52-44 victory.

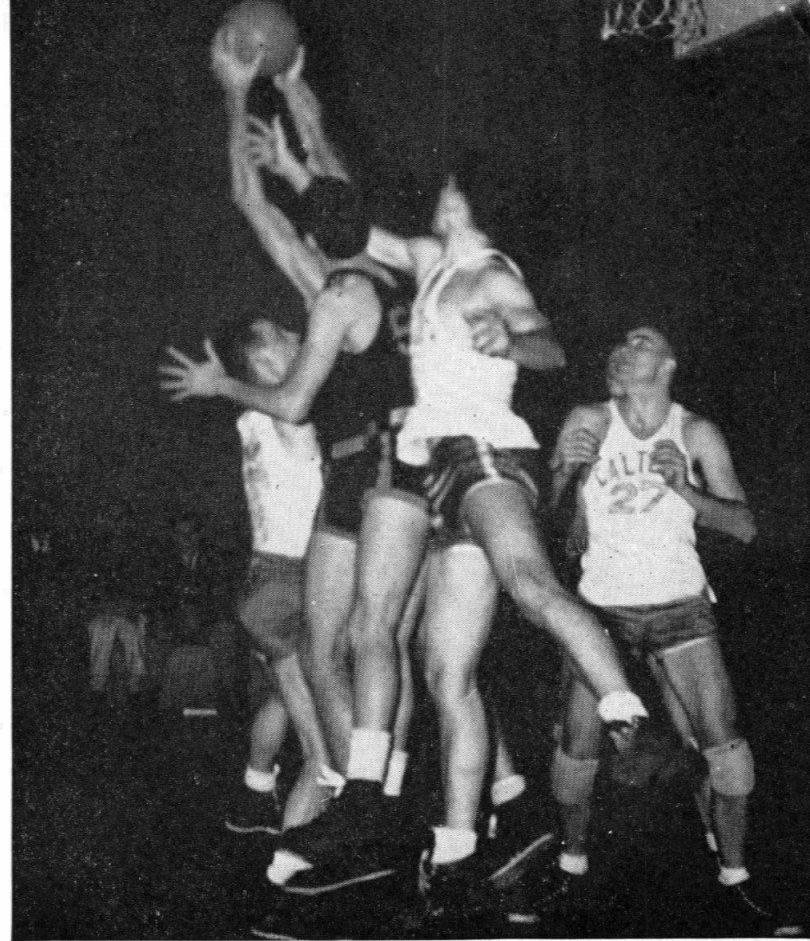
BASKETBALL

Kirk Lewis, center
George Kendall, guard
Bob Stokely, forward

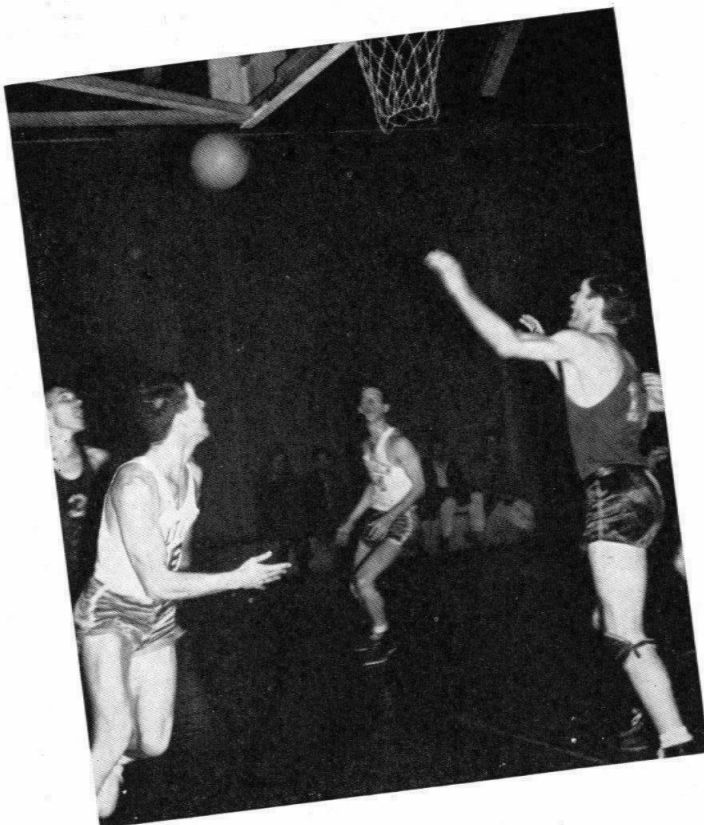


Pasadena Junior College came in for a series of defeats at the hands of the Caltech team. Most of these tilts were only practice games, but two of them were regular games. In the first of these, the referees had a field day, and Chapman, Moore, Fair, Andrews, Strickland, and Graham all fouled out. The second was the highest scoring game of the year and gave Tech a 71-61 victory.

The statistics at the season's end put Chapman in second spot for high scoring honors in the conference. The record for the whole season showed ten Caltech wins against eleven losses. When the All-Conference team was picked, Caltech was honored with two first string positions. These places on the mythical squad went to Bill Fair at guard and Dean Chapman at center. Predictions for next year are not in order because of the unsettled state of the undergraduate student body. However, it is bet that if Coach Carl Shy is again at the helm, a great team will take the floor for Caltech.



Dean after the ball in the Oxy game.

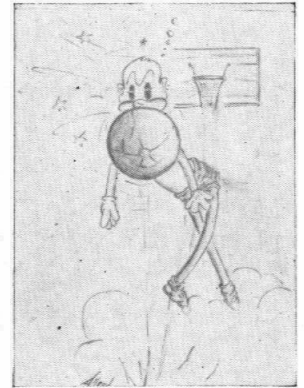


Basket by Fair



Coach Carl Shy

VARSITY BASKETBALL

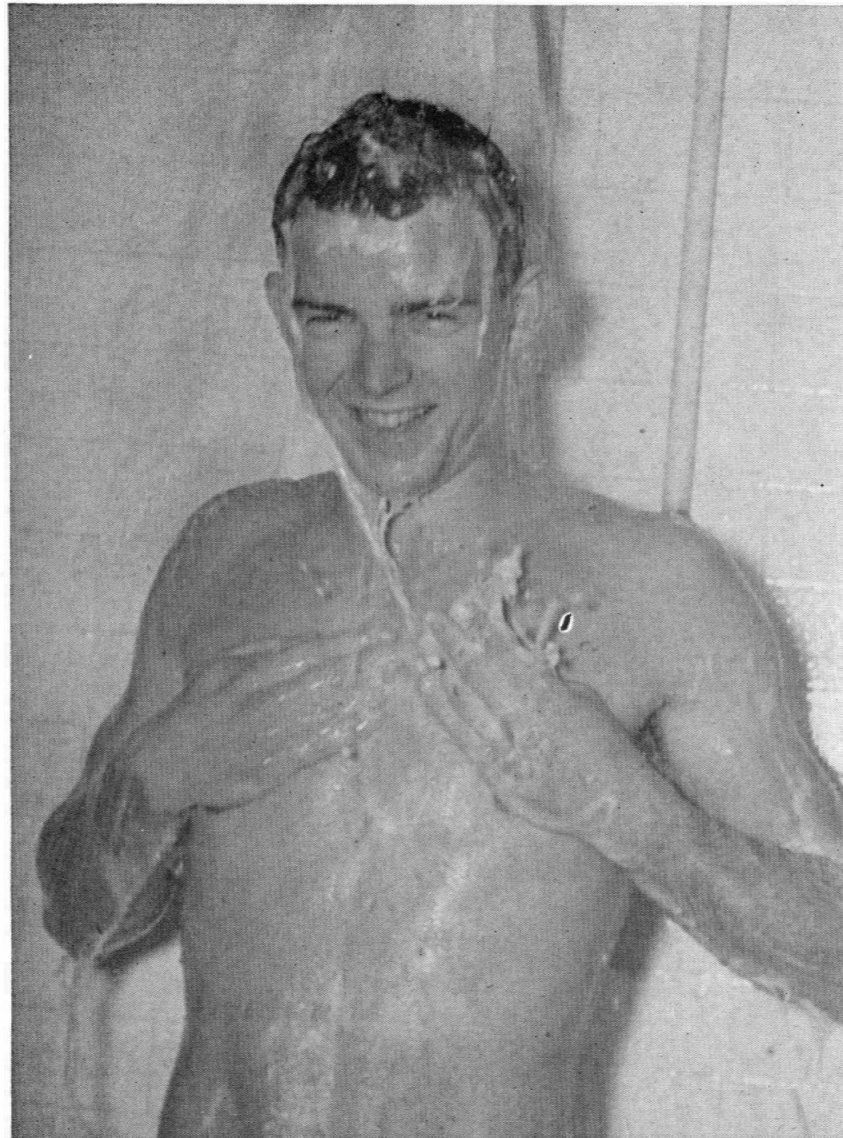


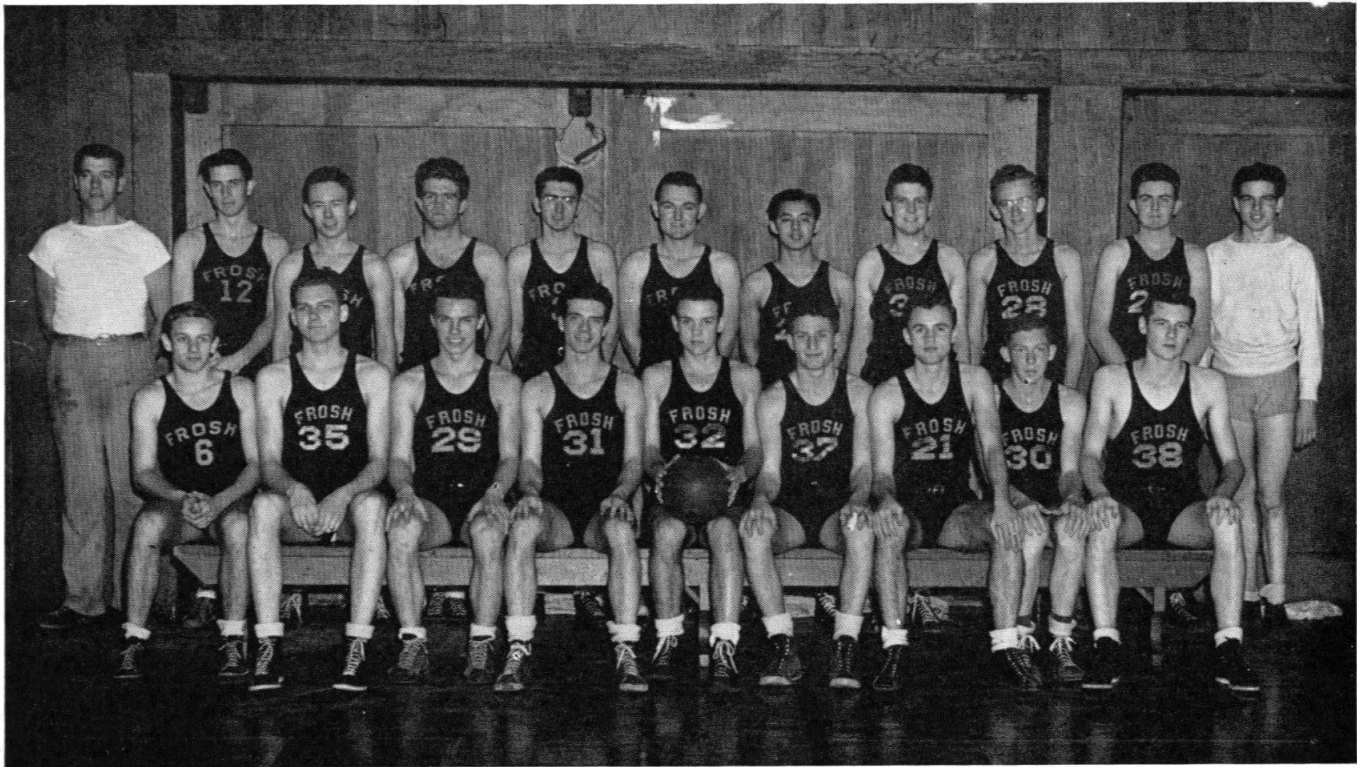
SCORES

Season 1942-43

WE		THEY
70	Glendale J. C.	57
37	L.A.C.C.	44
59	U.C.L.A.	65
55	Pepperdine	46
35	U.S.C.	74
53	Pasadena J.C.	45
36	Pepperdine	58
49	Whittier	65
53	Pomona	45
37	Redlands	30
40	U.S.C.	45
35	Occidental	41
64	Camp Santa Anita	58
64	Pomona	55
50	Air Corps Cadets	54
50	Compton J.C.	53
41	Whittier	69
71	Pasadena J.C.	61
59	Occidental	57
30	U.S.C.	55
52	Redlands	44

Championship smile.





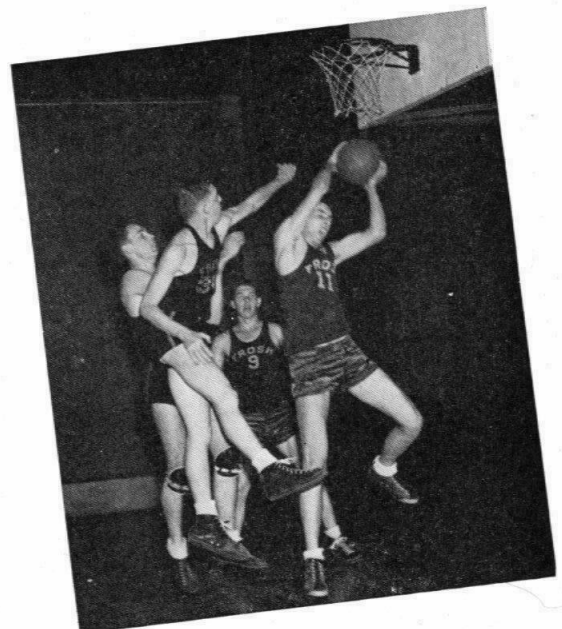
Front: Gerber, Krulish, Klausen, Maloney, Fuller, Oberman, Cutler, Furth, Jensen. Back: Coach Ackerman, Gifford, Peterson, Scarbrough, Purcell, Fulton, Chinn,

The Frosh basketball team this year proved its merit by placing second in conference competition. Due credit should be given Coach Paul Ackerman who located what facilities the squad had for practice and who solved all of the transportation difficulties. The team, although not spectacular in its play, showed more than once its capability and steadiness by coming from behind at the last moment to win.

Although Whittier was not officially in the league the Frosh scheduled two games with the Poets, a game going to each team. In the first league game of the year the Frosh dropped a thriller to Pomona 34-40. The following week-end the Techmen journeyed to Redlands and took their opponents into camp at 37-34. An inspired Oxy team then proceeded to teach the Beaverbabes a lesson by outplaying the Techmen 24-61. The engineers retaliated by chalking up a close win over Pomona for the credit side 49-48. The season was brought to a close by losing one to Oxy 33-57 and winning the last game against Redlands 37-34.

Before the last game Don Furth and John Maloney were elected co-captains for the team.

FROSH BASKETBALL





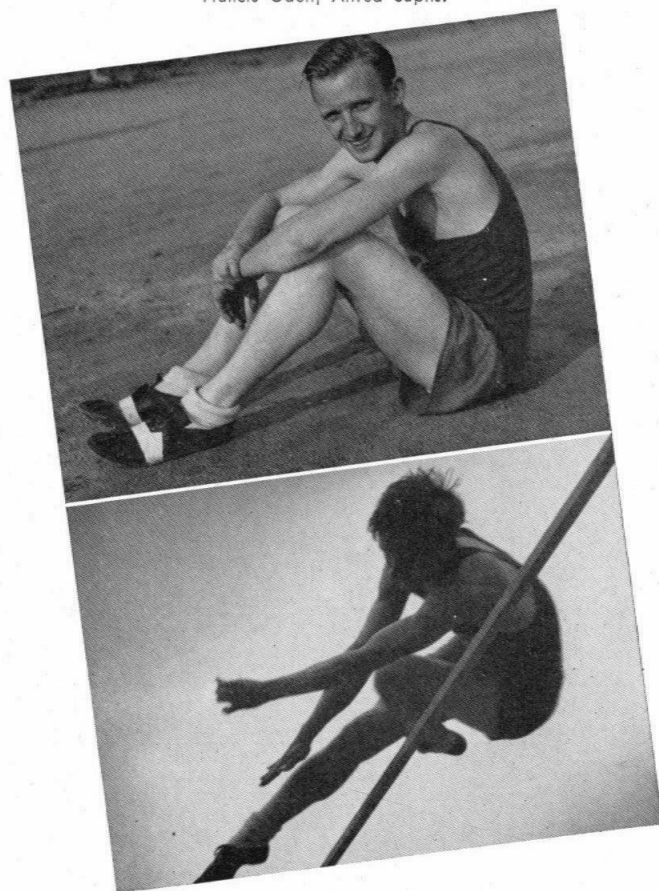
Warren Amster wins the 100 yard dash in the All-Star Meet, held at the Coliseum. U.S.C. placed second and Tommie Carter was third in this L.A. Examiner photo by Hal Jensen.

Although the Caltech track squad failed to defend their championship they still enjoyed a good season under the tutelage of their new coach, "Doc" Hanes. Except for weaknesses in the hurdles, broad jump, and the javelin, the Beavers had a well balanced team.

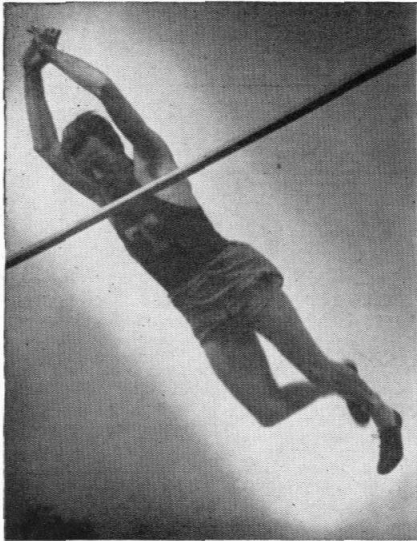
The Interclass meet turned out to be one of the best in Tech's history, several near record performances being turned in. Tommie Carter won both sprints with clockings of 10.2 and 22.7. Al Grote came close to the meet record with a 52.8 quarter, while Don Potts did likewise in the broad jump, leaping 21' 3 $\frac{3}{4}$ ". Otis Booth won the discus and javelin and got second in the shot to lead the Juniors to victory in the meet.

The first dual meet of the season was a triumph for the Beavers over a war-torn P.J.C. cinder squad, 102-29. Tech won eleven first places, making clean sweeps in eight events. Tommie Carter won both sprints, running a neat 10.1 in the century. Warren Amster was close on Carter's heels in both races. Erle Brown won the 880 and came back to pick up a third in the 440. Captain Bob McLean tied for first in the high jump and pole vault and got second in the high hurdles. Otis Booth won the shot and placed third in the javelin. He tossed the discus 131' 5" to win that event also.

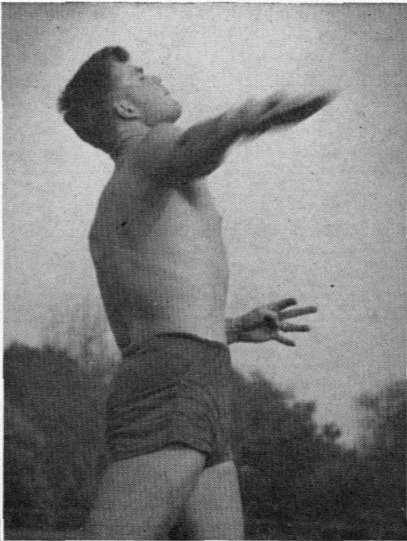
Francis Odell, Alfred Saplis.



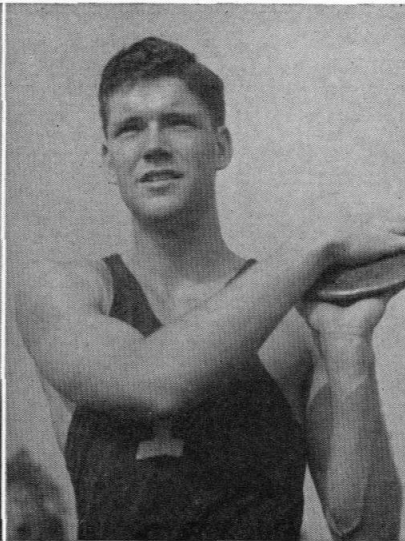
TRACK



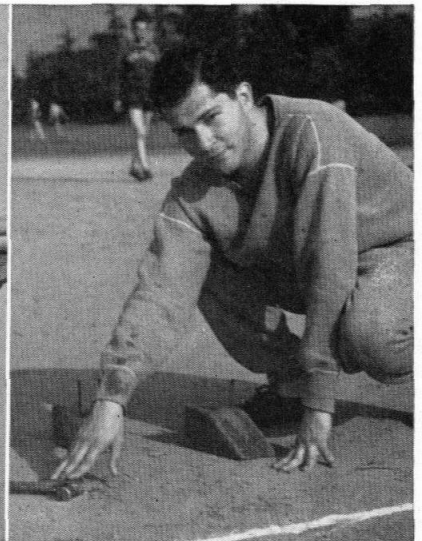
Bob McLean (captain)



Otis Booth



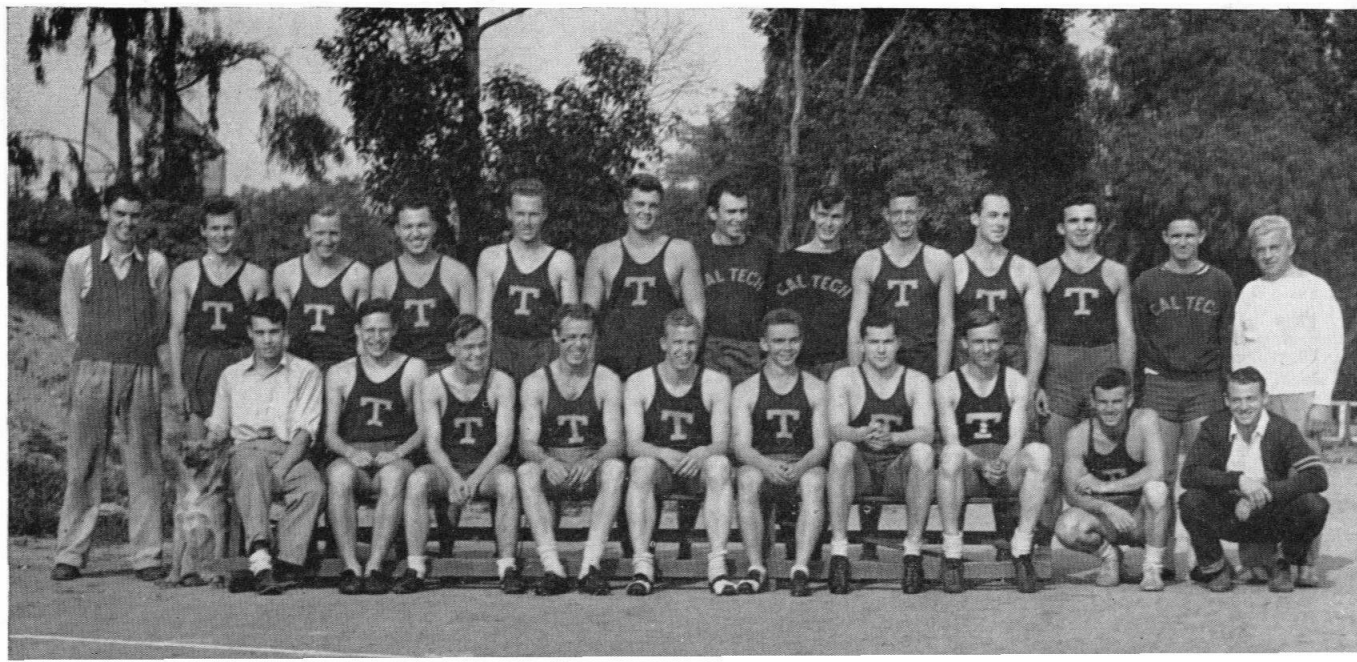
Ralph Pastoriza



Warren Amster

Pomona upset the dope in the first Conference dual meet of the season by turning back the favored Beavers 77-54. By entering their star, Galen Fisher, in the sprints instead of his usual event, the 440, the Sagehens picked up unexpected points in the 100 and 220, as Fisher beat the favored Carter in both races, going 10.1 in the 100 on a soft track. Unexpected wins in the shot and discus and a one-two in the two mile clinched the meet for Pomona and knocked the Beavers out of the title race. Francis Odell won the 880 in a stretch battle in 2:05.5, while Bill Lundy took the mile in 4:48.6. Captain Bob McLean came through as usual with a first in the pole vault, second in the high hurdles, and a third to teammates Pastoriza and Tasker in the high jump. Don Potts got seconds in both the broad jump and the 440, barely failing to catch Dowling of Pomona at the tape in the latter event. Otis Booth got seconds in the shot and discus and a third in the javelin.

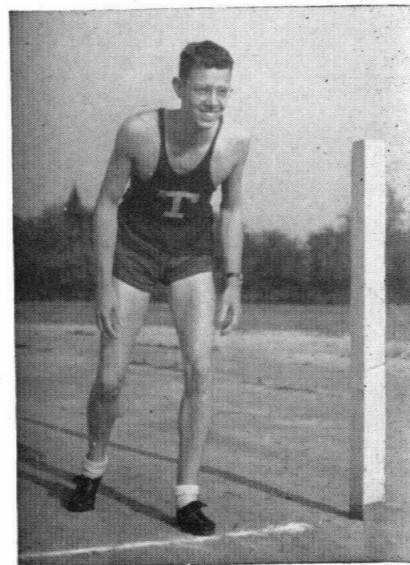
Seated: Stranger, Rutland, Potts, Merritt, Bob McLean (Captain), Lundy, Carter, Amster, Saplis, Martin, Long. Standing: Dodge, Storey, Odell, Macartney, Grote, Booth, Harland, Tasker, Lingle, Keating, Reid, Parks, Doc Hanes (coach).





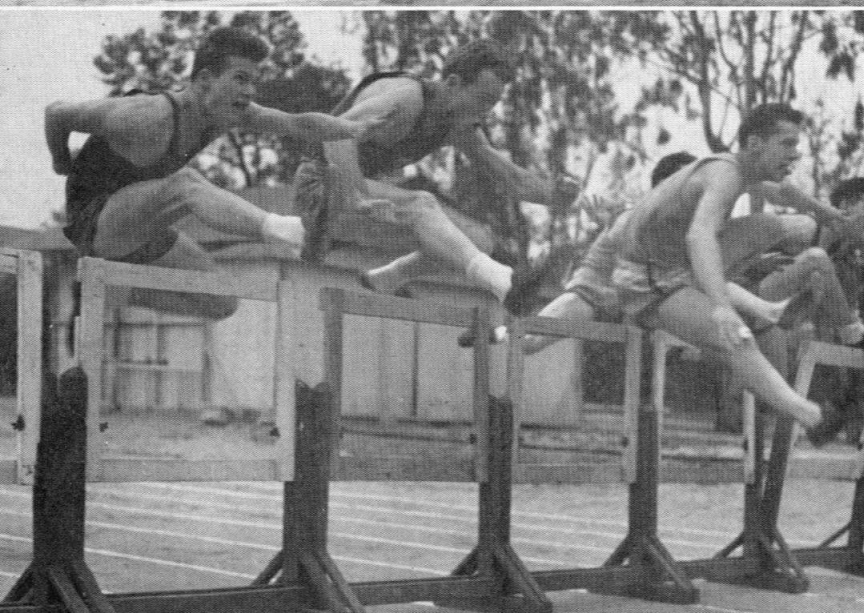
Tommie Carter

Don Potts



Harry Lingle

Top: Francis Odell beats Bob Stone of Pomona, winning the conference 880. Bottom: Renny Storey and Bob McLean clear the hurdles at Oxy.

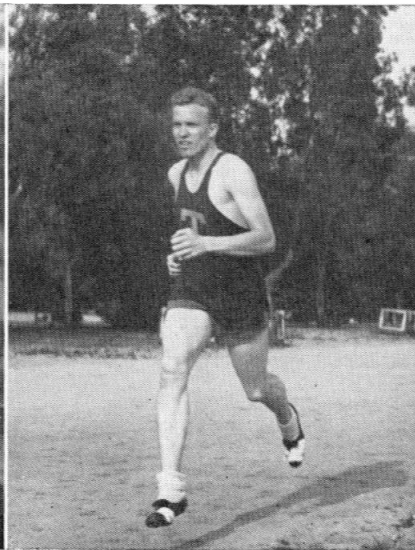


TRACK

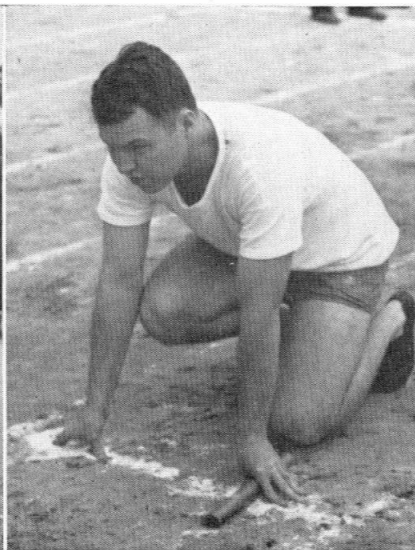
Without the services of Otis Booth, Tech could not muster enough points to stop Occidental, who won 78-53. Oxy got one-two in the shot and discus and put the meet on ice with one-two in the low hurdles and a second in the two mile. Tech swept the 880, but the Tigers evened the score by doing likewise in the broadjump. Bud Carroll blazed through to win the 2 mile in 10:47.8 for his last performance for the Beaver thin-clads. He was called into the services shortly after. Bill Lundy nosed out teammate Odell in the 880 for first in that event. Tommie Carter and Warren Amster traded off in the sprints with Carter getting first in the 100 while Amster won the 220. Ralph Pastoriza won the high jump at 5' 11". Captain McLean tied for first in the pole vault at 12 feet, tied for second in the high jump, and placed third in the high hurdles.



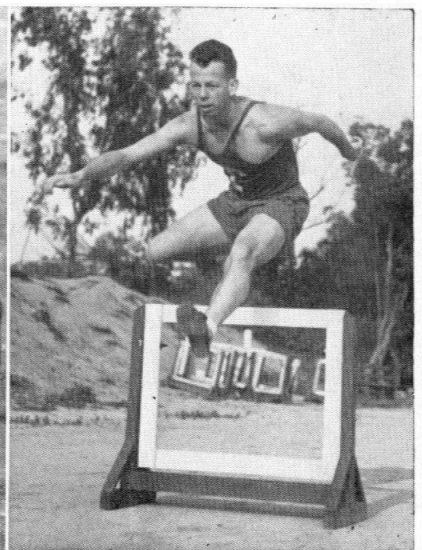
Bill Harland



Bill Lundy



Everett Macartney



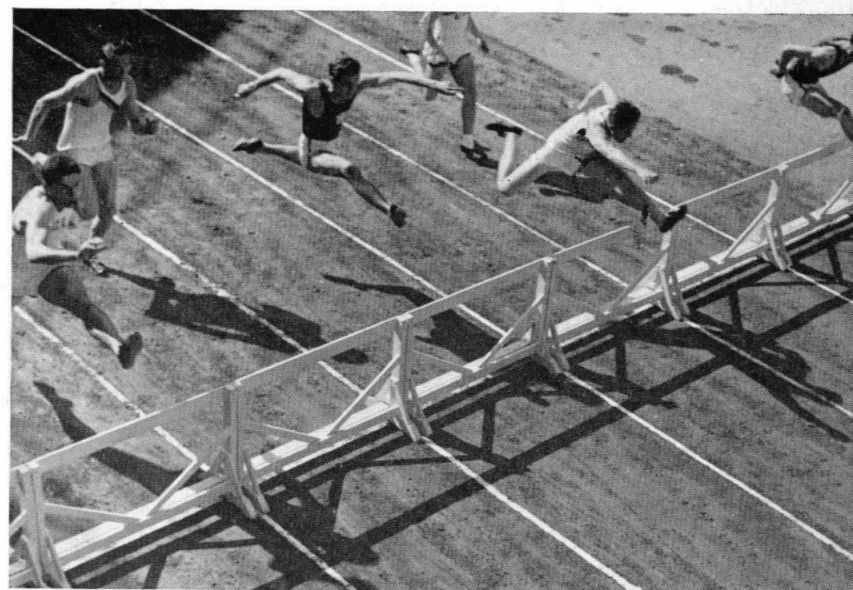
Arnold Nevis

Top: Green's S.C. picture. Bottom: Amster anchors the 880 relay to a win in the Pomona meet.

At the College Relays, held at Pomona, Tech won only one relay but did well in the open events. The quartet of Carter, Potts, Grote, and Amster led all the way to win the 880 relay in 1:29.9, only a second off the school record. Amster and Carter were one-two in the open 100, Amster being clocked in 10 flat. Frosh Don Tillman and Otis Booth placed one-two in the shot. Tillman's winning throw of 44' 2 $\frac{3}{4}$ " was a new Tech Frosh record. Captain McLean was second in the open high jump.

The Beavers came back after spring vacation to win over Whittier 69 $\frac{3}{4}$ to 61 $\frac{1}{4}$. Tommie Carter won the 100 and Warren Amster won the 220. Bill Lundy won the mile and Mel Merritt won the 2 mile. Otis Booth scored 13 points winning the shot and discus and placing second in the javelin.

In the Conference meet the Beavers were leading at the end of nine events but could not gain enough points in the last few events to win, the final score being Oxy 59 $\frac{1}{2}$, Pomona 57, Caltech 47 $\frac{1}{2}$. Francis Odell won the 880 and placed third in the mile. Bill Lundy was second in the mile and fourth in the two mile. Otis Booth went to town in the shot, heaving the 16 lb. pellet 45' 7 $\frac{1}{2}$ " to win that event. Booth also placed second in the discus.



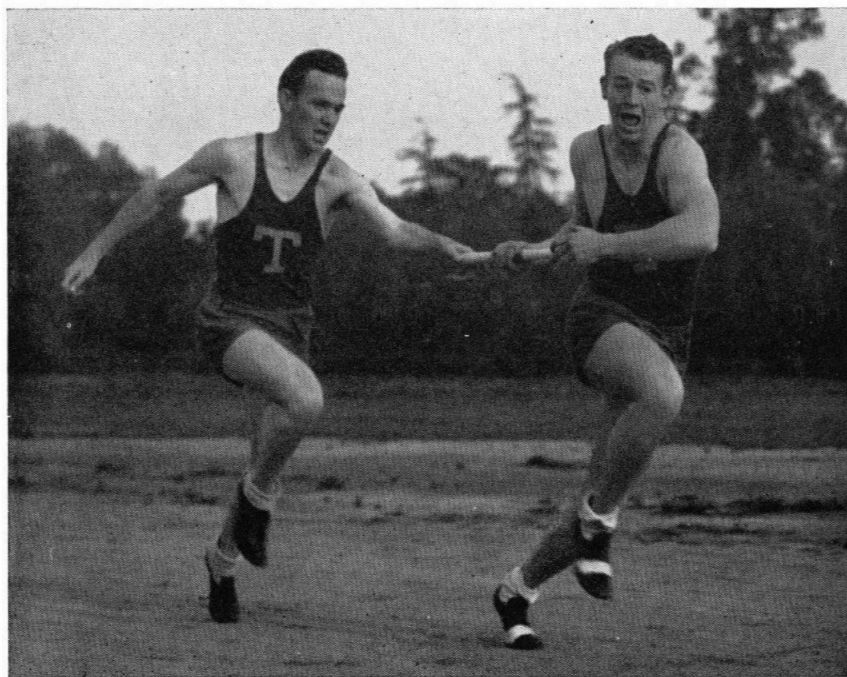


Melvin Merritt

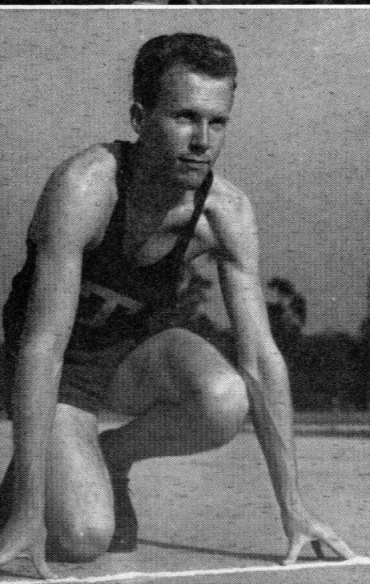
VARSITY



Jim Smith



A perfect pass by Atchison and Long.



Al Grote

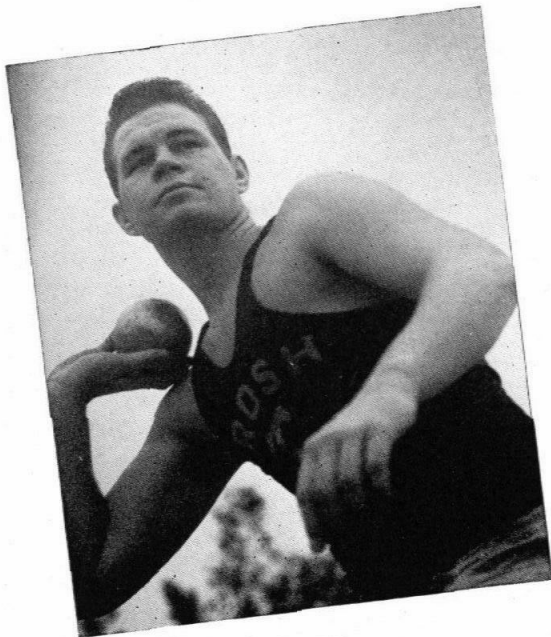


Stew Martin

Captain Bob McLean won the high jump at 5' 11 $\frac{3}{4}$ " and placed third in the pole vault. Don Potts grabbed a third in the 440. Carter and Amster each got a second and a third in the sprints behind Pomona's Fisher.

In the meet between the Conference All-Stars, U.S.C., and U.C.L.A. at the Coliseum, Warren Amster was the only Beaver to win his event. Amster beat out the favored Jenkins of U.S.C. in the century in 10 flat and came back to place second to Bourland of U.S.C. in the 220. Other Techmen who placed were Tommie Carter, thirds in both sprints; Bob McLean, tied for fourth in the high jump; and Otis Booth, fifth in the shot.

TRACK



Record Breaker Big Don Tillman winds up.

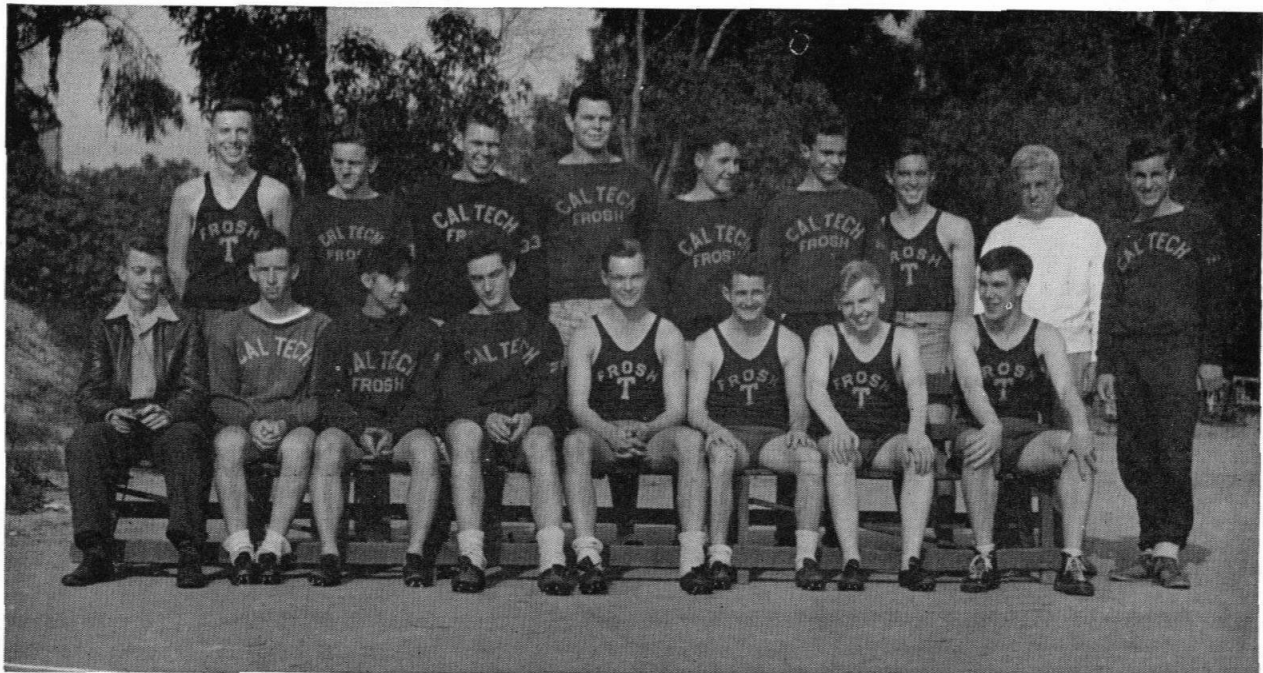
FROSH

As dual conference champions this year's Frosh track team distinguished itself as one of the best in Tech history. Pomona and Oxy were defeated by the impressive scores of 83-48 and 81-50, respectively.

Tillman was the only man to set a new record during the season. In the Oxy meet he raised the school Frosh record from 41' 11½" to 43' 5". He later bettered this mark at the Pomona Invitational Relays. Competing unattached, he placed first against varsity competition with a put of 44' 27⁄8".

Although the team made a good showing in the conference meet, it was able to place only second. Tillman completed the season undefeated in the shot and discuss, with a put of 43' 11¾". This broke the twenty-two-year-old conference Frosh record of 43' 3". Other men taking firsts were Gerber, mile; Chinn, broadjump; and Weber, 2-mile.

The team's success was undoubtedly due to the fact that there was at least one outstanding man for every event. These men were Davis, sprints; Weber, distances; Kuck, high jump; Chinn, broad jump; Wilhelm, javelin; Tillman, weights; and Jenkins in the hurdles. Other men such as Francis, Lee, Terwilliger, Burrell, Hibbs, Gerty, Gerber, Taylor, and Brough made a championship team possible by capturing, vital seconds and thirds.



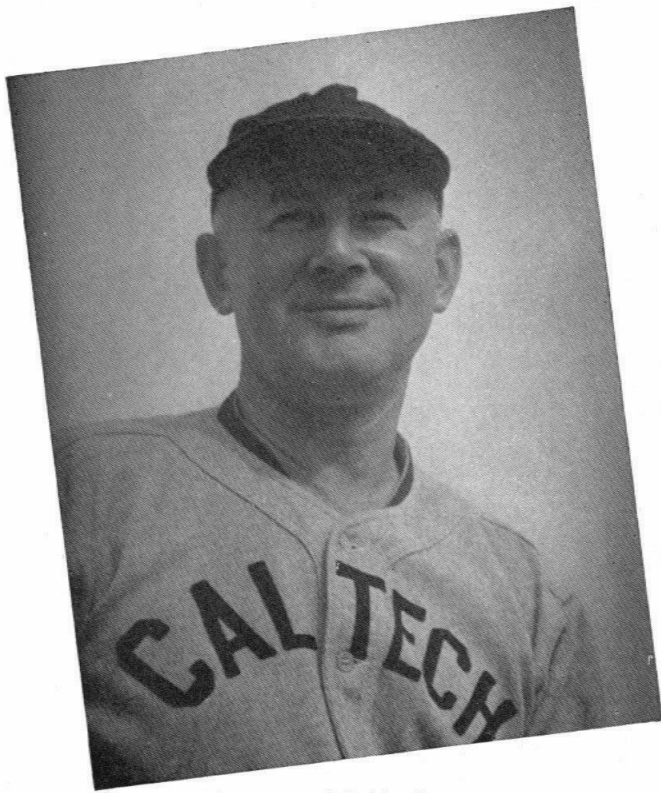
Seated: Parker, Sinclair, Chinn, Hibbs, Kuck, Davis, Gerty, Weber.
Standing: Dynes, Gerber, Seitz, Tillman (Captain), Parode, Taylor, Brough, Doc Hanes, Clay Smith (Coach).



Tech's home games were all played in beautiful Tournament Park.

As the Big T goes to press Coach Hal Musselman's horsehiders find themselves tied for second place with Redlands. The Beavers have won three and lost three but the most important part of the conference season, a double header with Redlands and another with Oxy's league leading nine, has not been completed.

The Beaver nine started the season with a good crop of returning lettermen including Bob Frost, pitchers Lou Gowans and Huck Davies, Harry Clark, John Mason, and Ray Tedrick. Since then however the armed forces have called Davies and Mason and infielder Clark has left school. Outfielder Gene Lestmann, up from last years frosh, was also called into the services. Coach Musselman is finishing a season with a green squad that has good prospects but needs experience.



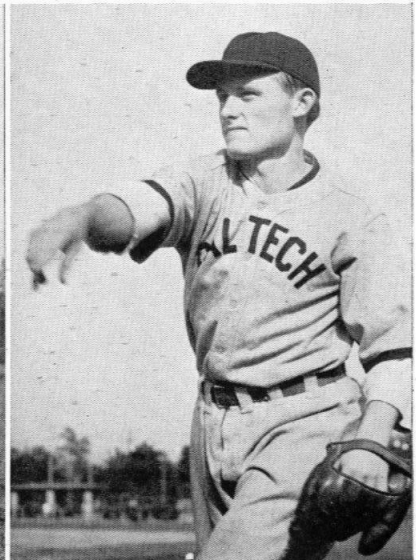
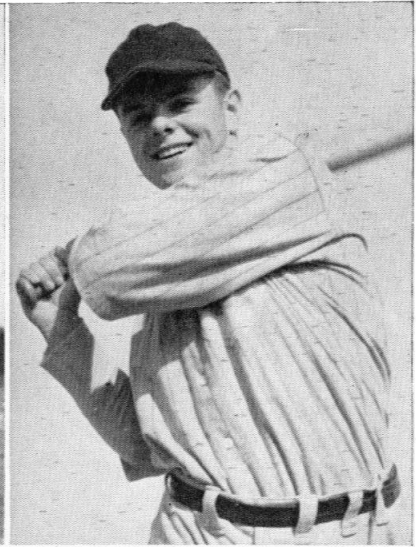
Coach Hal Z. Musselman

The squad now lines up as follows: Pitchers Lou Gowans and Bob Laabs alternate at first base. Dickie Marsh at third, Gene Carroll at short, and Ken Powlesland at second make up the rest of the infield. Pat Chase, Ray Tedrick, and Elmer Hall make up the outfield while Bob Frost works behind the plate.

Chucker Lou Gowans has finally gotten his hook working and has been one of the most effective pitchers in the conference. Bob Laabs up from house ball has been chucking fair ball but lacks control at times. Tech pitching has been good but inability to hit in the pinches has been the cause of most of the Beavers losses. None of the Beaver batsmen are hitting at the three hundred clip but Carroll, Gowans, Frost, Powlesland, and Marsh have all been pushing that work all season. In the field the Engineer nine has shown the effect of lack of experience but Lou Gowans, Ken Powlesland, and Marsh have looked good and the infield has generally fielded well.

Bob Frost
Kenneth Powlesland

Robert Laabs
Eugene Carroll

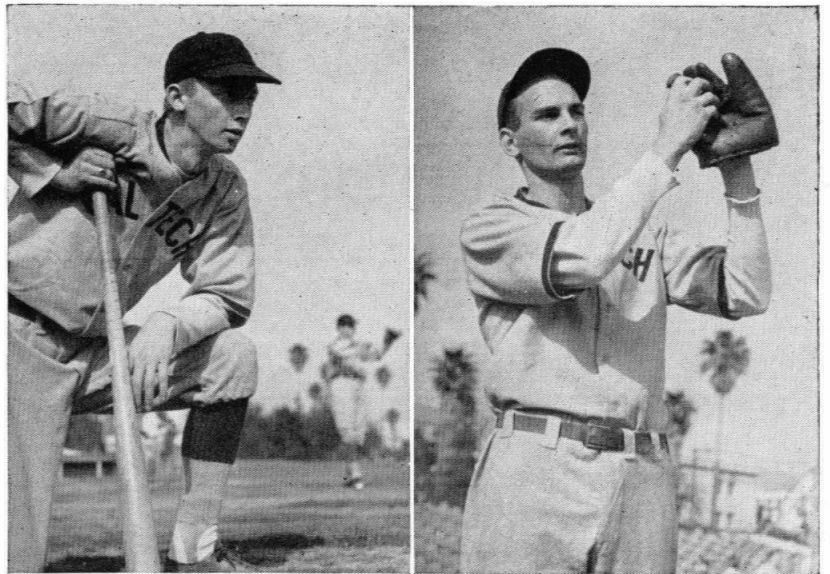




Front: Laabs, Frost, Clark, Powlesland, Carter, Marsh, Carroll, Hurst, Tedrick, Coach Musselman. Rear: Dethlefsen, Gowans, Lockhead, Sadler, Norsworthy, Chase, Elmer, Lestmann, Garner.

VARSITY

The Conference season opened with a doubleheader with Pomona. The Beavers won both ends of the bill; the opener 4-2 and the nightcap 5-4. Laabs limited the Sagehens to four hits in the opener and in spite of five Beaver errors was seldom in trouble. Ken Powlesland with a triple and a single was the star of the second game. In the seventh Powlesland broke up the ball game with a single scoring Marsh with the winning run. In another doubleheader, this time at Claremont, the Engineers split with Pomona losing the first 4-2 and winning the second 7-2. Pomona hit freely in both games but Gowans in the nightcap effectively kept the Sagehen blows scattered. Lestmann starred at the plate. In a crucial doubleheader with Oxy, Lou Gowans lost a heartbreaking pitcher's duel to Oxy's Dutch Reuther 1-0. The Beavers played errorless ball in one of their best performances but couldn't hit when it counted. Poor fielding caused Tech to drop the nightcap 6-3. Dickie Marsh got three for four off the Oxy chuckers offerings but his mates could not bring him around.



Ray Tedrick, Pat Chase

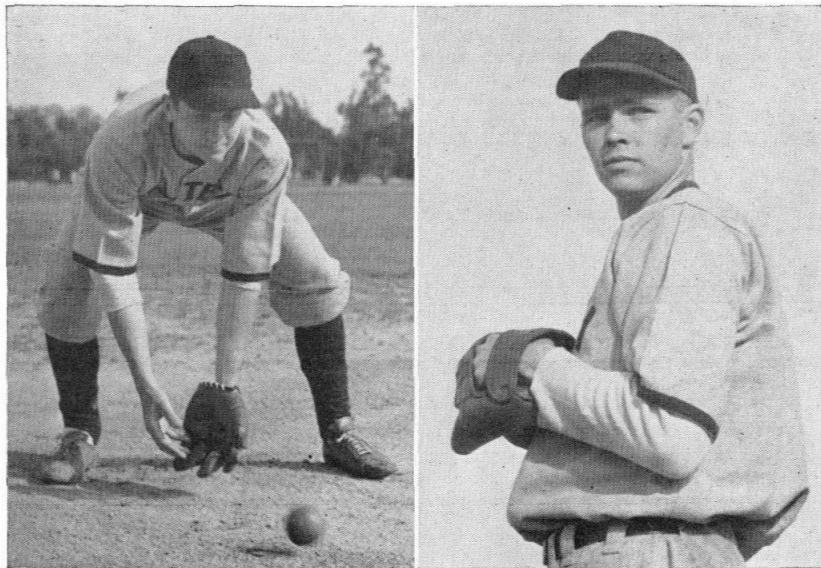
BASEBALL

Outside the conference Caltech met with varying success. Against neighboring Pasadena Junior College the Beavers won two, lost one, and tied one. The Bulldogs pounded Laabs for a 6-1 win in the first encounter but Davies handcuffed them 4-3 a few days later, striking out eleven, and allowing four hits. Marsh tripled with two men on base to drive in the winning runs. In their third encounter the two teams went to a thirteen inning tie 3-3, while in the last the Beavers led by Powlesland and Marsh, slugged out a 10-8 victory. The engineer nine dumped Pepperdine twice, once here 2-0 behind Gowans' four hit pitching, and once at Pepperdine 19-9. The Beavers split with Compton Junior College losing in eleven innings at Compton 6-5 and winning at home 10-1 behind the hitting of Frost and Powlesland. Tech had a tough time with Whittier losing two doubleheaders to the Poets, the first 7-2 and 9-4, and the second 9-8 and 5-4, Laabs got two home runs and a double in the last doubleheader and Gowans pitched four hit ball in the second game, but inability to hit in the clutch and a few costly errors spelled defeat.

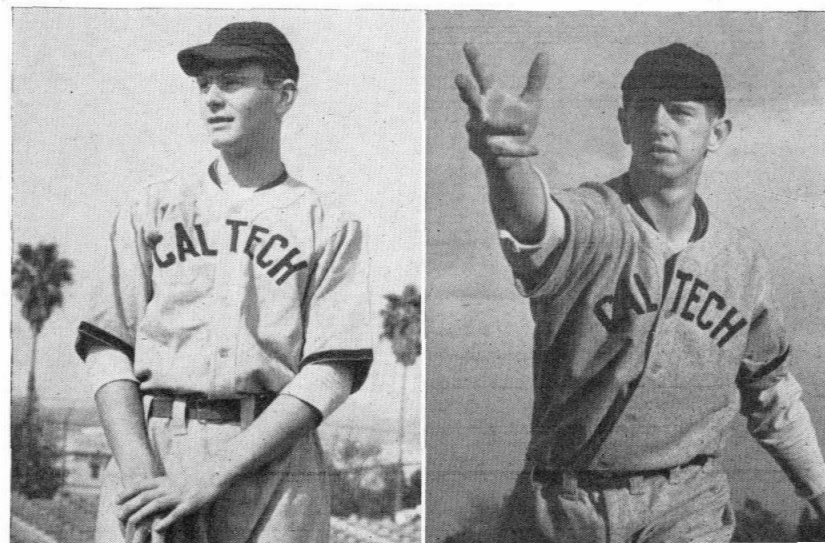


Hambones covers first.

Richard Marsh, Louis Gowans



Gene Lestman, Elmer Hall





Front: Gardner, Fuller, Furth, Holditch, Maloney, Cutler, Kaplan. Back: Prideaux-Brune, Manager; Burkholder, McKenney, Levin, Day, Wood, Dodder, Fulton, Coach Paul Ackerman.

FROSH BASEBALL

Again, as in previous years, frosh horsehide prospects for 1943 looked poor. But, under the able tutelage of Coach Paul Ackerman, a group of green ballplayers were rapidly molded into a well-rounded organization. The season's opener against Oxy was dropped by the solid score of 25-5 after only four days of practice by the "Ackermen."

Two weeks later at Oxy, Chuck Cutler pitched the Beaver babes to a 6-3 win over the Tiger Frosh, for Tech's first frosh baseball win in many a year. The season's finale was won by Oxy by the score of 11-6.

Outstanding players on the team this year, were John Maloney, catcher and the team's most powerful hitter, Chuck Cutler who performed well at the plate and on the mound, and Larry Fuller, short-stop. The other players who comprise the rest of the opening team are Jim Holditch, first base; Paul Gardner, second base; Elroy Chinn and Arnold Kaplan, third base; John McKenney, Don Furth, Frank Day, and Phil Woods, outfielders.

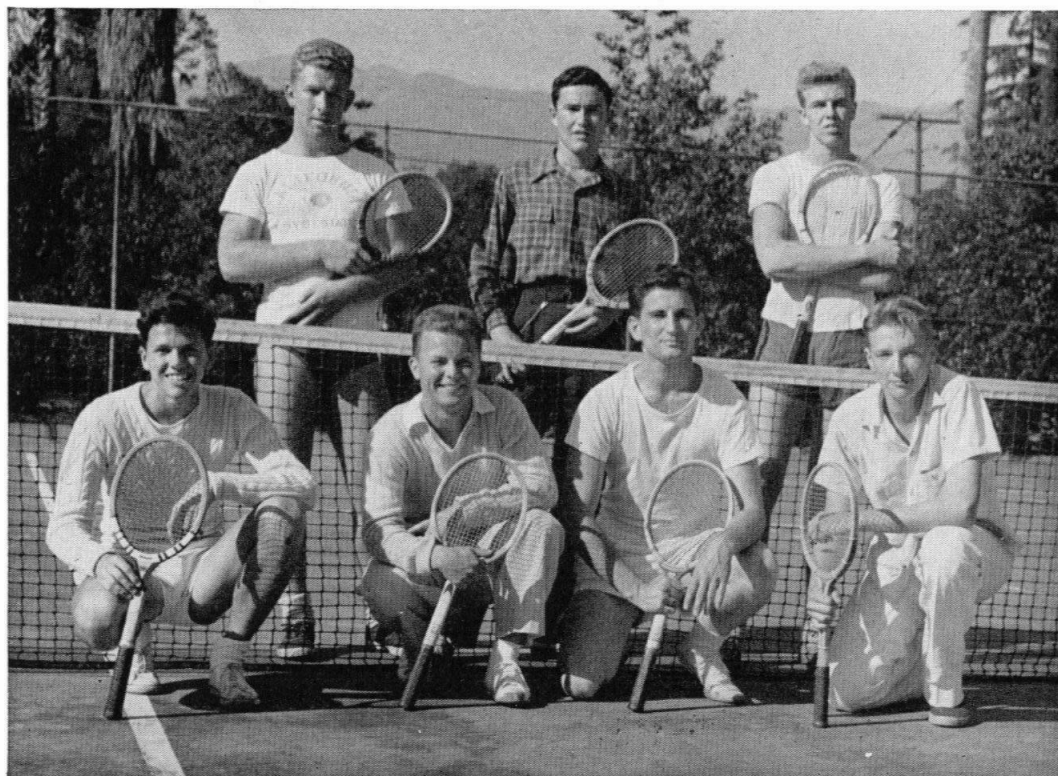
FROSH TENNIS

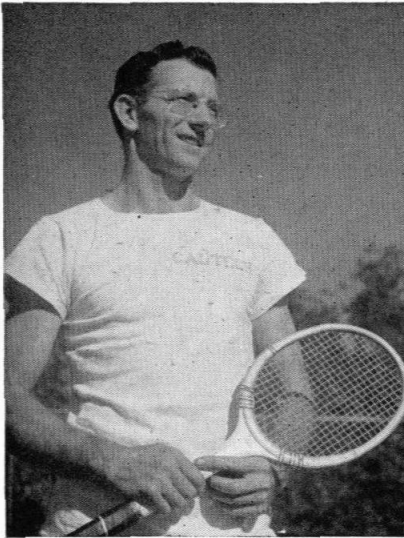
The frosh tennis team had a very successful year, winning the Conference title with the loss of only two sinbles matches and one doubles match. Stan Clark was the outstanding individual player, winning the Conference Singles and the Conference Doubles, the latter with the help of Winston Newell the "character" of the team. In the finals of the singles Stan defeated Don Hahn of Oxy 6-2, 6-4 and he and Newell defeated Don Lennard and Warren Christopher of Redlands 6-1, 6-0. In the doubles final.

The Beaverbabes defeated Redlands 7-2 and 9-0, and Oxy 8-1 and 1-0, default. In the second match with Oxy they were rained out after only one match had been finished. The match was re-scheduled but the Oxy frosh were unable to play and defaulted.

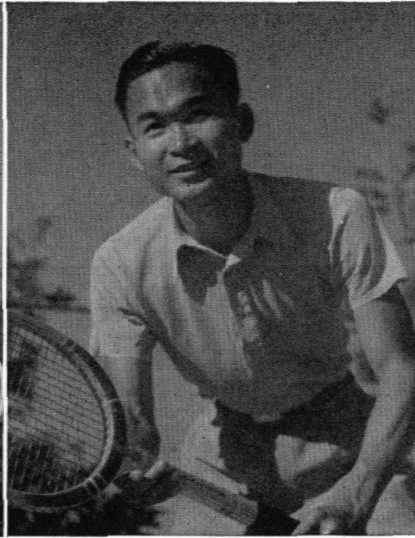
Bob Bowers was also outstanding, alternating with Newell for second singles. The rest of the team was more or less evenly balanced, and far outclassed most of their opponents. They were George Wilhelm, Paul Gaddis, Charles Davis, John Nichols, and Dick Bond. Gaddis was also manager of the team.

Row 1: Bowers, Clark, Wilhelm, Gaddis.
Row 2: Nichols, Davis, Newell.

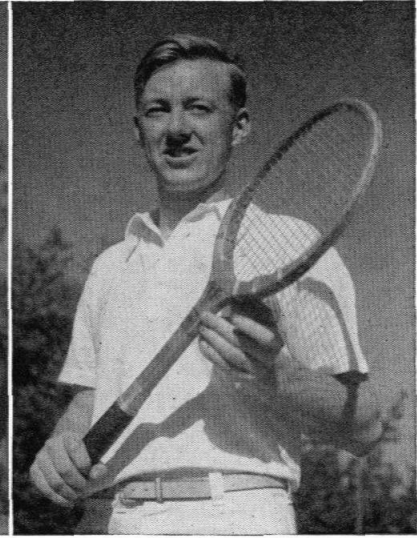




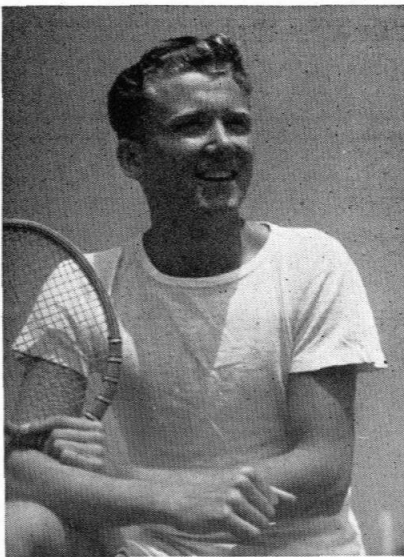
Hans Nuetzel



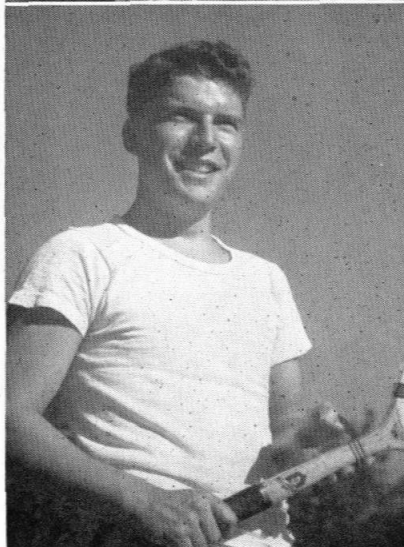
Charlie Vadhanapanich



Chuck Strickland



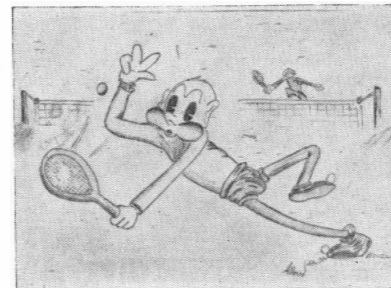
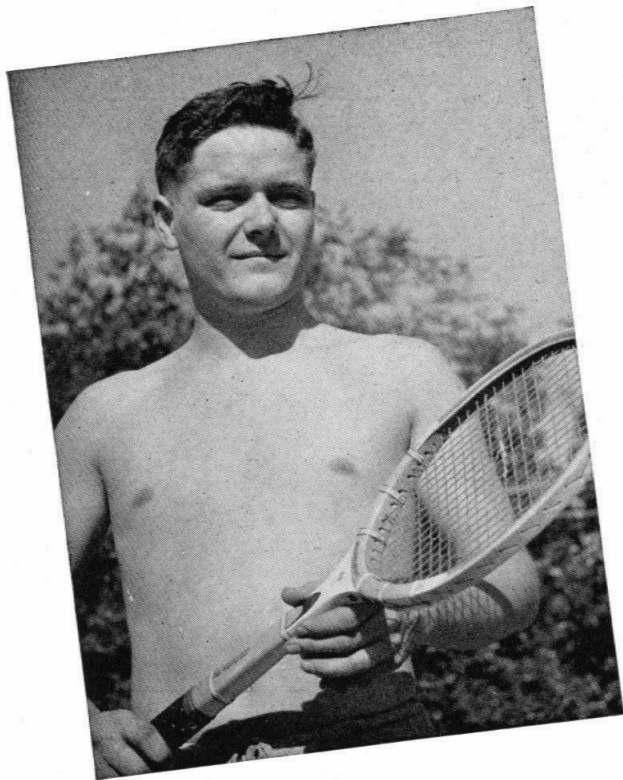
Ken Holtby



Willis Bussard

Although the number of conference matches were reduced this year, due to Whittier's dropping out, the net squad found ample competition with conference schools and outside institutions. During the season, the squad showed up well in its total of 14 matches and placed second in the conference, behind the perpetual champions from Redlands.

Acting as co-captains, and playing in the two top positions, were John Dimmick and Chuck Strickland. Both of these top players did well in competition and won the number two spot in the conference doubles. The rest of the squad was composed of Charlie Vadhanapanich, Willis Bussard, Hans Nuetzel, and Ken Holtby. The team lost a good player when the E.R.C. called Sid Stone at the beginning of third term.



Two early-season matches with P.J.C. gave the team hope for the year as the scores were 6-3 and 9-0. The first match with Oxy also built up hopes as Tech white-washed them 9-0. However, the test came in the match with Redlands, which Redlands won 7-2, thereby clinching the title for the eleventh consecutive year. Attempting to branch out in the big league, the varsity squad was soundly trounced by U.C.L.A. by a score of 13-2, and by U.S.C. 9-0. After this the team was content with victories over Oxy, Loyola, and Whittier.

VARSITY TENNIS

Seated: Vadhanapanich, Bussard, Nuetzel, Stone. Standing: Spaulding, Holtby, Dimmick, Strickland, Shonerd.





Front: Adams, Olds, Alpert. Rear: Tuedio, Rattary, Buchanan, Pilorz, Nelson, Garland.

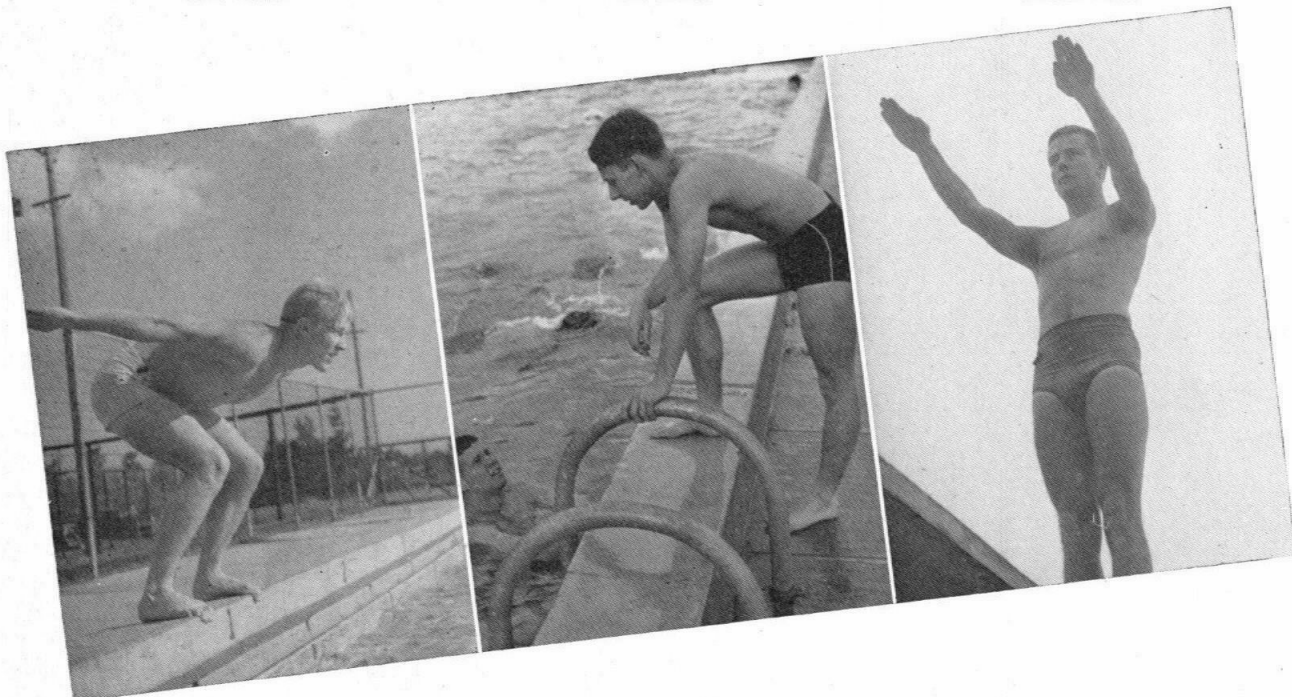
SWIMMING

The varsity did not have a successful year, for, despite early season promise, the Army and a few colds stepped in to lower the strength of the team. Dual meets were held with U.C.L.A., U.S.C., Oxy, and the Pasadena Athletic Club; the meets with the exception of the Trojan encounter, were nip and tuck, lost by only a few places. As the Institute did not engage a coach, Nelson, Tuedio, Olds, and Pilorz took over, and, with the aid of manager Alpert, ran the season off fairly well.

John Nelson

Jim Tuedio

Wheeler North





Wheeler does a jackknife

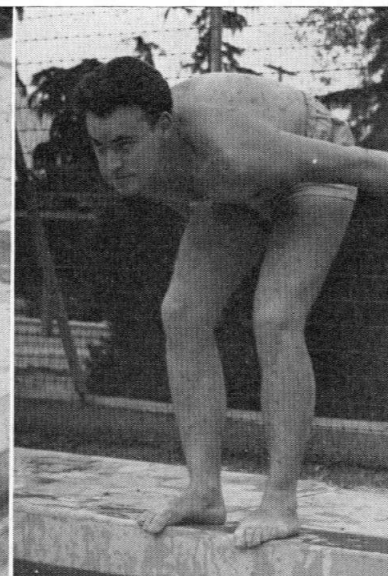
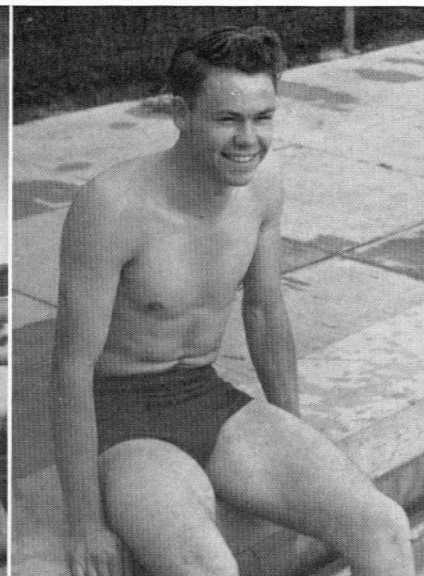
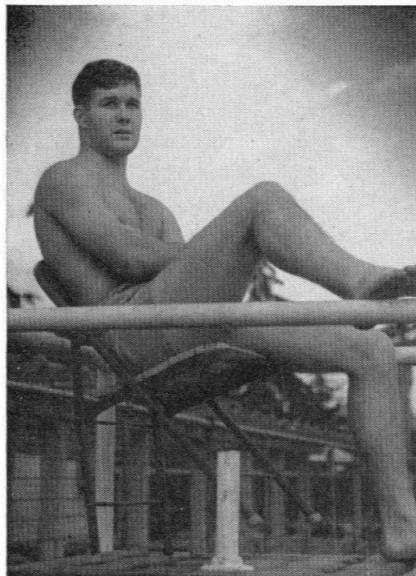
The season saw considerable shifting around in attempts to fill out weaknesses, but, in general, the sprint men were Nelson, Pilroz, Johnson, and Smith. Tuedio, the only one of the Four Horsemen to reach last year's form, also turned in a couple of sparkling hundreds, but usually swam the 220 and the 440, in which events he was always good for a first; Beek and Rattray filled out behind him in the distances. Olds won the backstroke easily in the Conference Meet, while Adams swam the backstroke lap of the medley relay, and gathered points behind Olds in the 150. Nelson and Pilroz took over the event in the last meets just for laughs. Various men, Olds, Brundred, North, Tudio, and Johnson, swam the breaststroke with varying success, Olds and Brundred placing in the Conference Meet. North picked up a third in the Conference diving, and Ammer added another point in the same event; both men filled in in the back and breast stroke.

At the end of the season the team combined with Oxy to take on U.S.C., but Tech's hard luck enveloped the Eagle Rock boys too, for several of them were incapacitated for the meet; however, the meet was undecided until the last relay, which U.S.C. pulled from the fire with a phenomenal 3:50.2.

Bruno Pilroz

Phil Adams

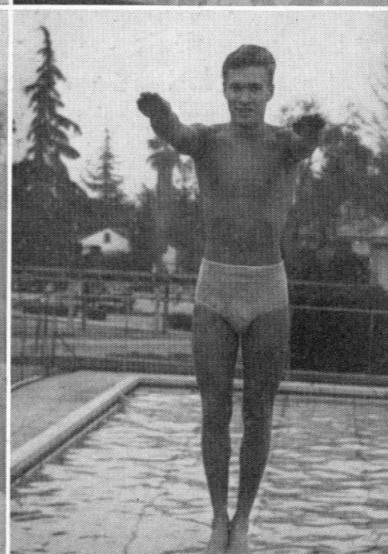
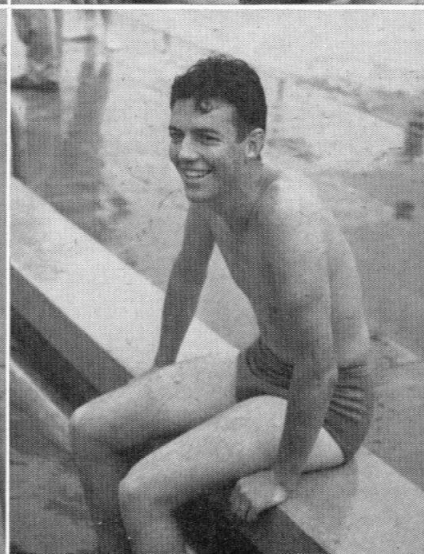
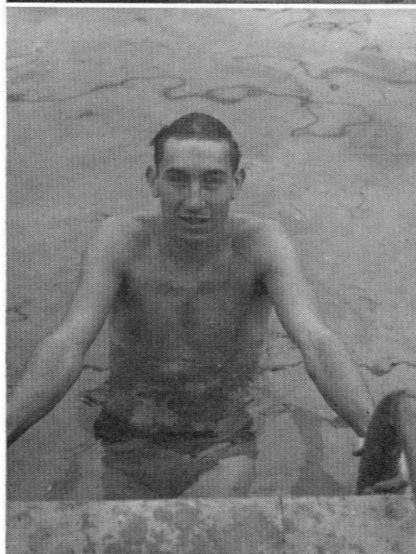
Owen Olds

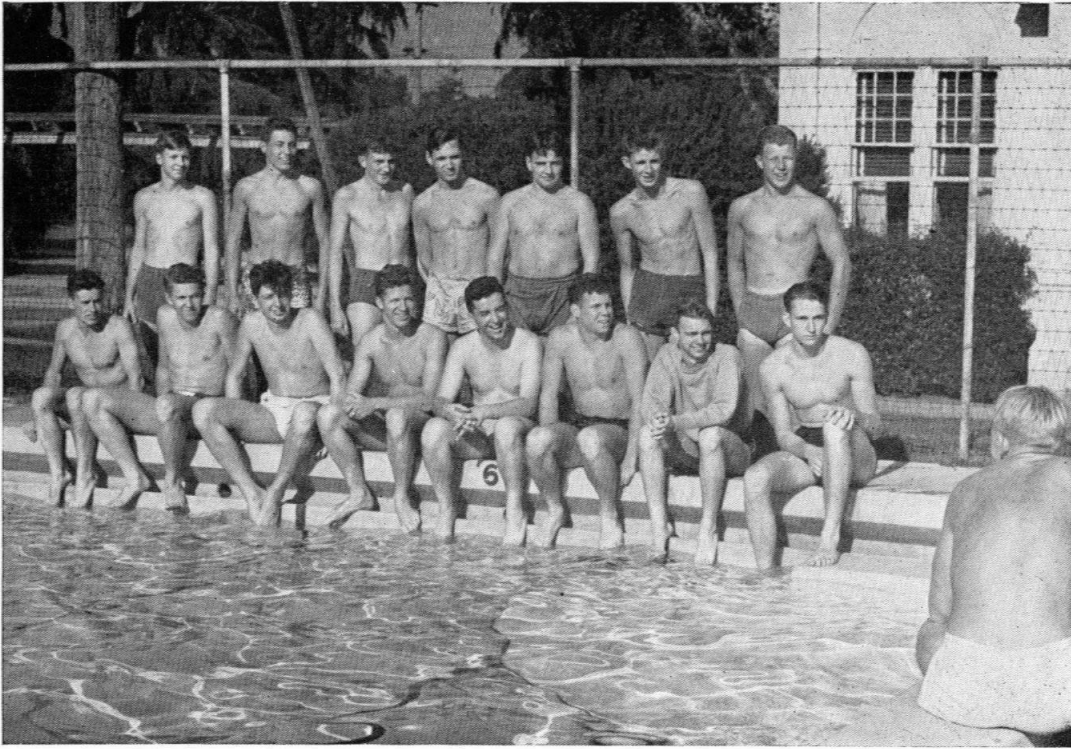


Bert Smith

Maurice Rattray

Henry Ammer





Row 1: Dunne, Bennett, Eimer, Honey, Francis, Mounts, Lyon, Wright. Row 2: Schurmeier, Burke, Moore, Anderson, Springer, McMurray, Prudden.

FROSH SWIMMING

The Frosh splashers made the best of a season which was weakened considerably by several team losses to Uncle Sam's forces. However, they grabbed a second place in the conference meet losing by five points to Oxy with Pomona taking a weak third. Due to transportation difficulties and manpower losses in other conference colleges the Engineers had only one dual meet which they dropped to Occidental 43-31. In the conference meet the Beaverbabs were nosed out by only five points 66-61, the relay telling the tale. Star frosh paddler and high point man for the season was Bob Mounts, snatching two firsts and a second in the conference meet. Several practice dual meets were held throughout the season, the first being lost to a strong Flintridge Prep aggregation. The Tech squad was composed of Mounts, Moore, and Lyons swimming middle distances; Mounts, Bennett, and Honey the breast stroke; Dunne and Burke back stroke; Wright, Bennett, Frances, Anderson, McMurray, and Prudden sprints.

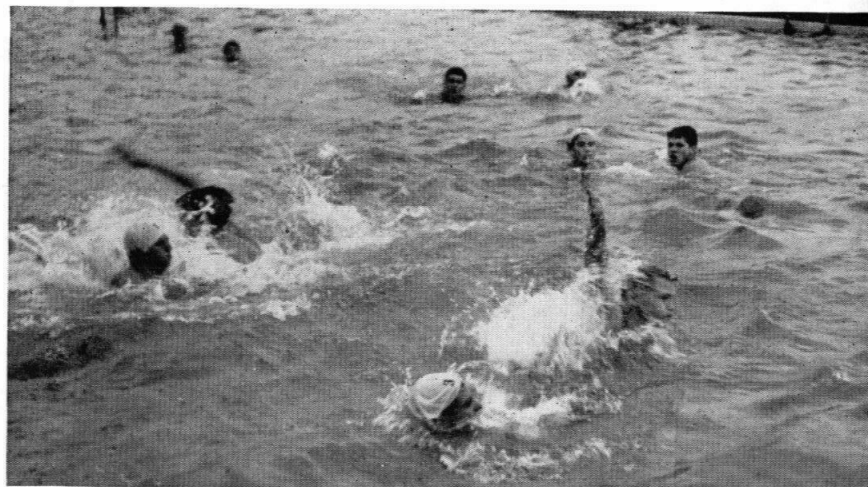
WATER POLO



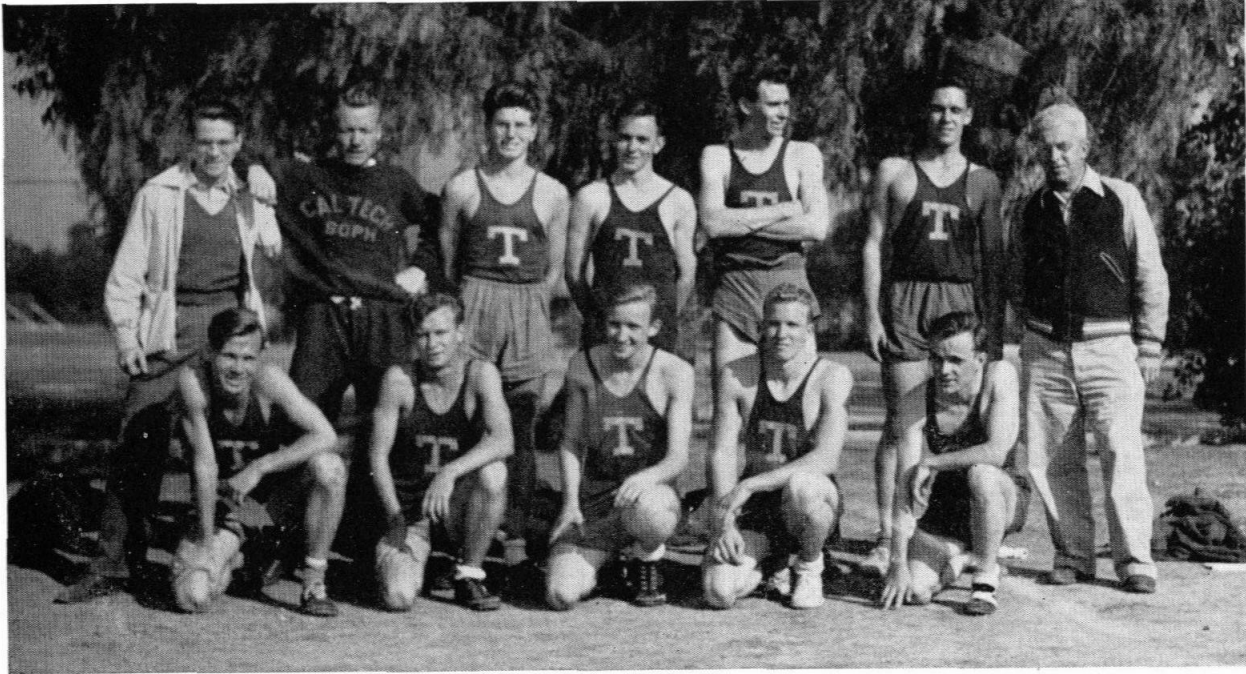
Front row: Beek, Rosener, Ammer, Lochhead. Second row: Adams, Linnes, Brundred, Dazey, Marshall, Bishop, Stix. Standing: Johnson, Tuedio.

Both water polo squads were severely handicapped this year due to the lack of an experienced coach. Last year's graduating class included five of the first seven varsity men on the water polo squad, so that this year's turnout found few men, varsity or frosh, who had had previous experience. The team won no games, although it had a pre-game edge over Oxy in a game which Oxy lost by default. The team worked very hard under the direction of manager-coach Jim Tuedio, and received much praise from opposing teams for its scrappiness and all-out spirit. Squad members included: Captain Ralph Marshall, John Adams, Phil Adams, Hank Ammer, Barton Beek, Amasa Bishop, Larry Brundred, Mitchell Dazey, Karl Linnes, Ray Lochhead, manager Ronnie Johnson, Bruno Pilorz, Joe Rosener, and Tom Stix.

The freshman squad also played very wholehearted polo, and often put up as good a showing as the varsity. The team lost two close games to the U.C.L.A. and Compton frosh. Lead by co-captains Bill Palmer and Bob Mounts, the squad included: Bob Bennett, Frank Dore, Don Francis, Dean Johnson, Les Levin, Wayne McMurray, manager Lawrence Noon, and Bob Springer.



CROSS COUNTRY



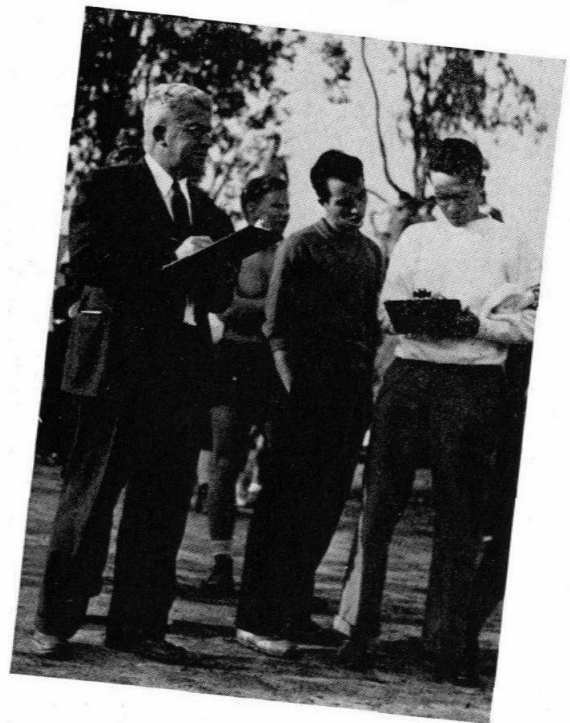
Kneeling: Fisher, Carroll, Odell, Lundy, Merritt. Standing: Wilkinson, Brown, Van Voorhees, Atchison, Harland, Jones, Doc Hanes (coach).

VARSITY

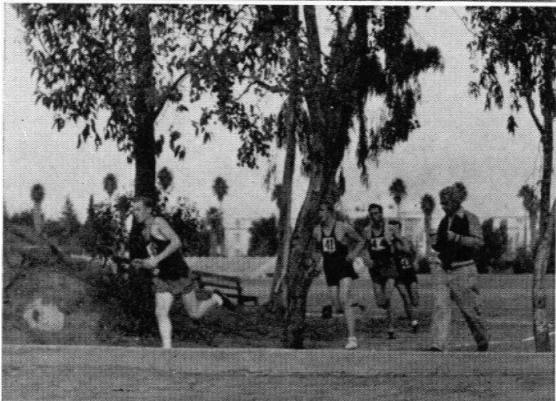
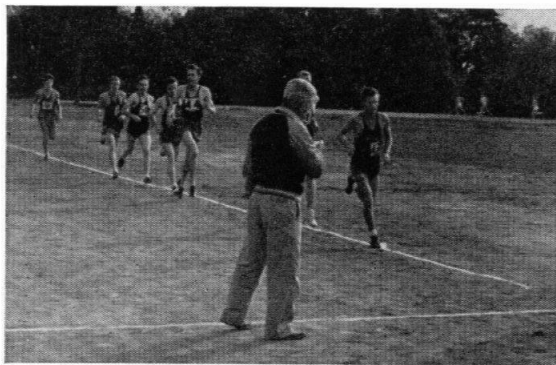
The perennial Conference cross country champions did it again this year. The Caltech leatherlungers had an even easier time this year, losing only one meet to U.C.L.A. during the season.

The Conference meet held on the Beaver course in Tournament Park was a mere formality, with only one opponent placing in the first ten finishing. Francis Odell won the four mile event by a margin of 250 yards in 23:10. Joe Knauer of Oxy was second, closely pressed by Bill Lundy, Bud Carroll, Bill Harland, Lawson Jones, Mac Atchison, Mel Merritt, Gene Fisher, and Tracy Van Voorhees.

On the very tough Oxy course, with a long uphill grind, Gene Fisher beat Knauer in the last quarter mile to pace his team to an overwhelming victory. That day Oxy could field only a two man team, placing second and eleventh.



Dr. Floyd Hanes and Manager Don Wilkinson jot down the finish order.



Doc calls off the time as the leatherlungers finish up the second long mile.

Coming out onto the track for the last quarter mile.

Captain Francis Odell receives his finish number after winning the Conference Four Mile run.

Highlight of the season was the move into big time. Tech harriers met U.C.L.A. twice, and made a good showing both times. The first meet was held at U.C.L.A. The engineers, surprised by the new track, placed 3, 4, 6, 8, and 10, losing the meet, 31 to 24.

The Bruins came back to the Tournament Park track and were rudely surprised. Despite the showing of the first two Bruins, the winning of the 3-mile race in 16:34, the Beaver aggregation placed a solid block of five men; Odell, Lundy, Carroll, Merritt and Harland, close behind to win the meet, C.I.T. 25, U.C.L.A. 30.

The Frosh team, also finishing its Conference season undefeated, won the Conference trophy that goes to the first team winning it three times. In the Conference meet, Bill Weber won the three mile grind, followed by his team mate, Clyde Gerber, Harland Holm placed fifth followed by Steve Lee, seventh, and Arthur Wilbur, tenth. The final score showed the Beaverbabes comfortably ahead by a score of Tech 25, Oxy 30.

FROSH

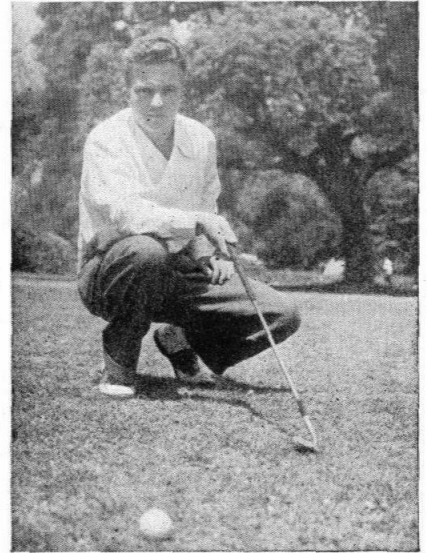
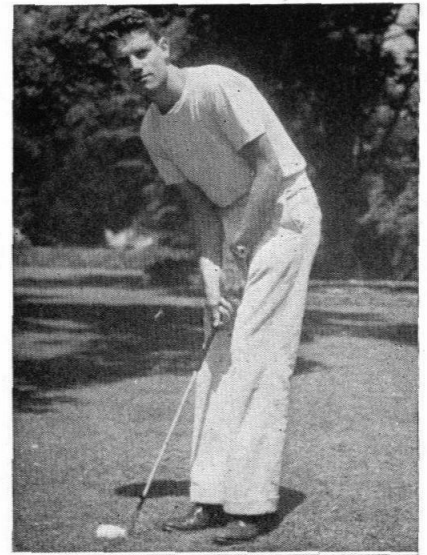
Kneeling: Weber (Captain). Standing: Holm, Gerber, Lee, Wilbur, Gerty.



GOLF

Let by Captain Bob Johns, the Caltech varsity golf team shows great promise of winning all conference titles for the second year in a row. The team in their first tournament of the season won the Southern California Conference Medal Play Championship, defeating Occidental, their closest competitor, by 19 strokes. John placed second in individual honors, closely followed by Sophomore George Osgood, who carried off the third place trophy, and Dexter Haymond, who placed fourth.

In their next match they surprised everyone by swamping the U.S.C. varsity 18½-8½ on Tech's course, Flintridge. In a four man match with Occidental, the Team met its only defeat thus far 8-4.



Dexter Haymond, Ted Lawrence

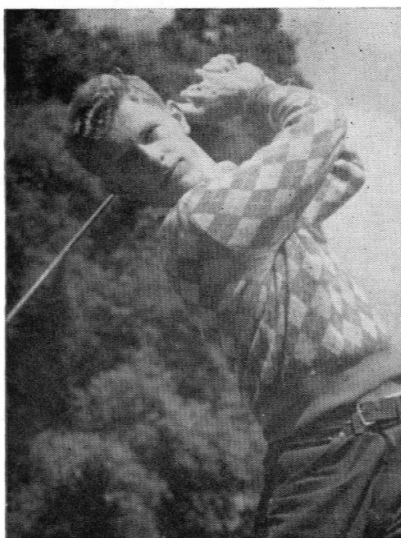


Bottom row: Osgood, Young, Lawrence. Top row: Briglio (manager), McGee, Johns, Haymond, Ukropina.



Charles McGee drives down the Athenaeum fairway as Ted Lawrence, John Ukropina, and Greg Young watch.

The Beaver squad still has matches to play with U.C.L.A., U.S.C., and Occidental; and is entered in the Southern California Collegiate Golf Championship. If the Techmen continue to play as fine golf as they have displayed up to this time, they figure to win all or most of these future encounters.



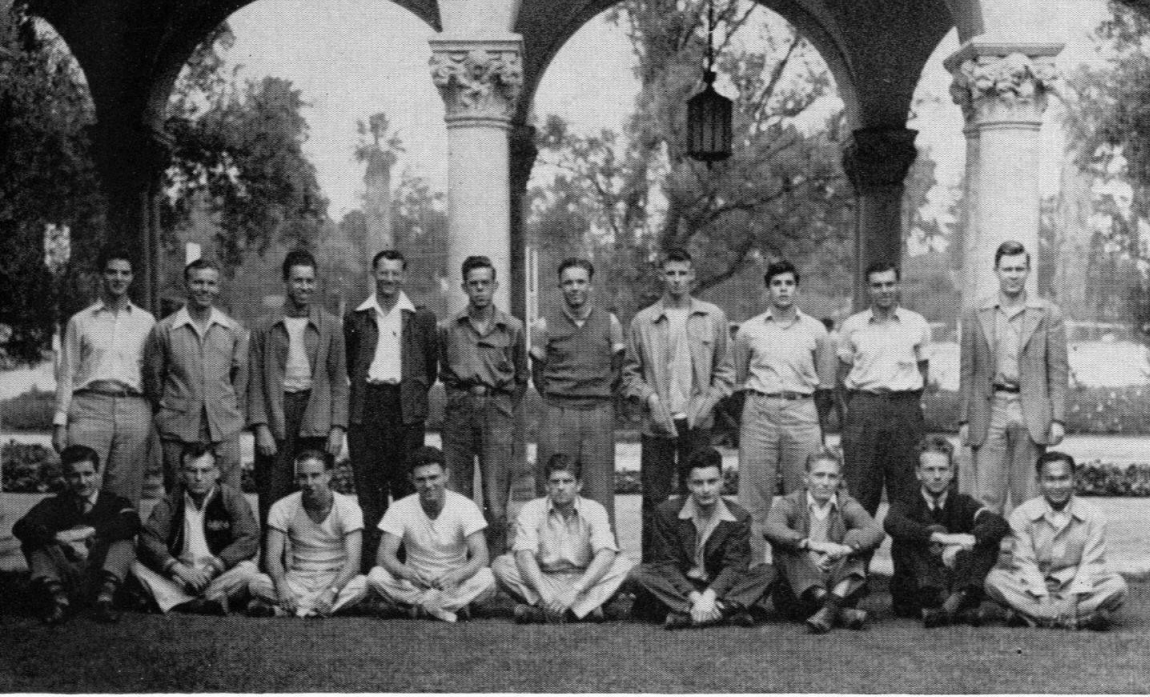
George Osgood



Charles McGee



Bob Johns



First row: Terminel, Blayney, Spaulding, Bair, Meier, Valle-Riestra, Perkins, Saye, Varhanapanich. Second row: Shor, Bragg, Solomon, Nuetzel, Borden, Fjeldsted, McMurray, Levin, Bashor, Cooke.

SOCCKER

In its second year as a recognized sport at Caltech, the varsity soccer team gave a good showing against the opposition encountered in the Los Angeles Alliance League. The organization was different this year in that several freshmen played on the varsity, in lieu of a frosh team.

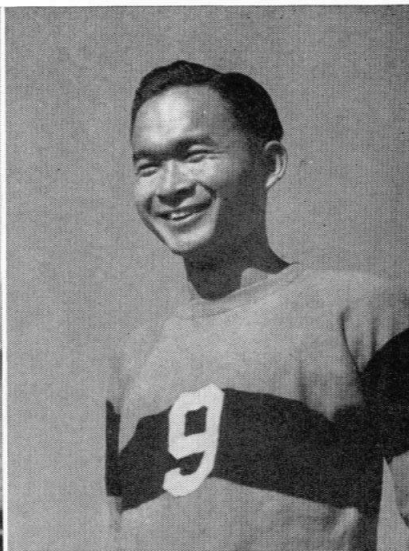
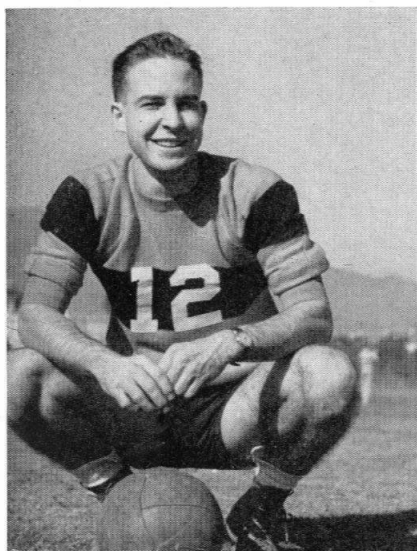
Led by Co-captains Blayney and Nuetzel, the team proved itself one of the best in southern California. Hans Nuetzel received the award for the most outstanding Tech player, and letters were awarded to Vadhanapanich, Smith, Nuetzel, Bragg, Spaulding, Blayney, Terminel, Saye, Bair, Schuyler, Borden, and Bashor. Freshman numerals were awarded to Perkins, Butler, Phillips, and Fjeldsted. Managers for the season were Shor and Ridenour.

Tony Spaulding practices a set up.

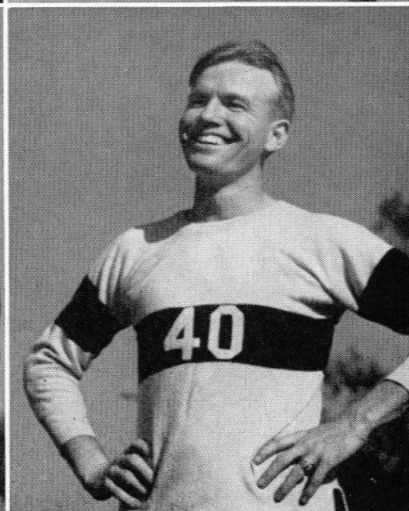
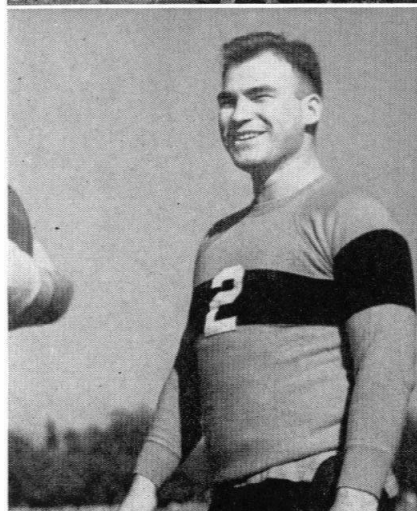


Charlie does some fancy footwork in the U.C.L.A. game.





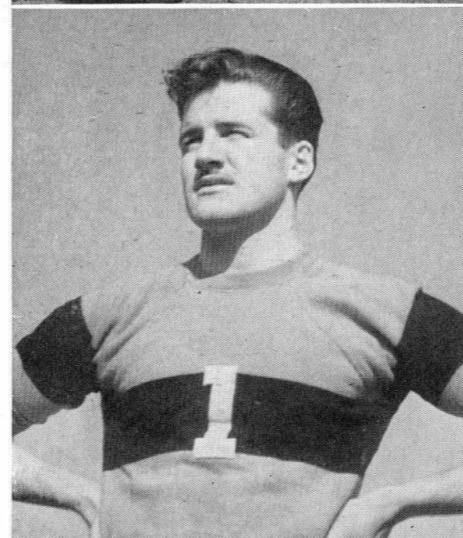
Tony Spaulding, Charlie Vadhanapanich.



Jim Blaney, Bob Bragg.

Hans Nuetzel, Ramon Terminel.

In the season's opening game on Jan. 10, the engineers, with only three days' practice, were soundly trounced by U.C.L.A. to the tune of 5-2. However, they defeated an inexperienced Loyola College team by the impressive score of 9-2 the following week. On Feb. 7 the Beavers, playing without four of their regulars, were held to a 3-3 tie by Douglas. The next week found Caltech moving into the league lead as they defeated Victoria 6-2. On Feb. 21 in a driving rain, the Beavers relinquished this lead to the Scots as the latter won 3-1.





SKI CLUB

Front row: Holmes, Burke, Brundred, Lingle, Dethlefsen, Rhoades. Second row: Shefchik, Francis, Schliger, Meier, Buchanan.

The Ski Club in past years has been the largest non-restricted club on the campus. The members of this powerful organization show great enthusiasm in all of their activities. The Club possesses a cabin at Snow Valley which was built by the members of past years, and many good times have been had there by all. Unfortunately the activities of this group were curtailed to some extent this year due to the war; however, the members carried on in the best manner possible. Officers for the year were Larry Brundred, president; Bill Giacomazzi, secretary-treasurer. Jim Thorpe took over the duties of the secretary-treasurer when Giacomazzi was called by the Air Corps.

Frosh Don Francis shows good vorlage.



Lingle takes a header.



SKIING

The results of the Interhouse Ski Meet on the slopes of Mt. Waterman were slightly different this year than in past seasons. The Ricketts team closely bunched its members near the top of the list to run off with the team title strongly in its grasp. Blacker was a weak second, followed closely by Dabney. Fleming, the defending champion, and Throop Club failed to show any great strength and placed fourth and fifth respectively. The results of this meet give the Ricketts men a strong hold on the first leg of the Lilly House Ski Trophy.

Likewise, the results of this meet showed that the Tech Ski team had very good possibilities since the first group of five or six men finished very close together. The team this year was composed of veterans Larry Brundred and Bill Halpenny, and newcomers Dave Shefchik, Don Francis, and either Jim Thorpe, Harris Schurmeier, or Warren Hunt filling the number five position. Although this team lacked any great standouts, it was a very powerful and well balanced squad of which Tech can well be proud.

Skiing at Tech in the past years has become more than just a sport, it has become an institution of activities and fellowship. It is hoped that the sport will continue on the high level set in the past.



Larry Brundred and his crash helmet.
At the top waiting for the start.

"Wild Bill" Halpenny throws a "christy."



HOUSE SPORTS

BASKETBALL

Fleming regained its interhouse basketball championship this year going thru the season undefeated in four starts. A tall Ricketts team was runnerup with three wins and one loss, while Dabney, Blacker, and Throop club followed in that order.

Fleming, with Herman Proctor, Elmer Hall, Ed Davis, Willis Bussard, and a wealth of reserve strength had no trouble with any of their opponents. Big Ed Davis with ten points led the Reds to a 27-17 victory over their traditional rivals, Ricketts. Holt Ashley, Ricketts' big guard starred for the losers with nine points.



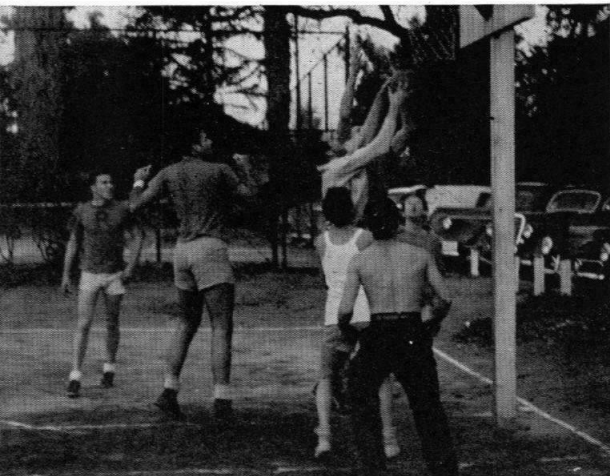
Front: Bussard, Laabs, Neerken. Rear: Proctor, Spencer, Hall, Alpert, Frost.

Ricketts giant team, led by Dave Arnold, Art Carson and Ashley lost only to Fleming. The Rowdies had a narrow squeeze with the last place Throop team, winning 26-25 in overtime. The score at the end of the regular playing time was 21-21 and Leon Green's overtime foul shot proved to be the margin of victory.

Ed Fleischer, who was the leagues leading scorer, sparked the Dabney team to their most successful season in many a year. The Darbs won their important contest with Blacker 23-13. Fleischer paced the winners with eleven points. The Darbs beat Throop, also, but lost to Fleming and to Ricketts.

Dick Carter led a Blacker team that didn't have quite the experience to function properly. The B's managed to lick Throop 27-20 with Carter getting 10 counters. Nick Begovich, Throops center was high point man in the game with thirteen.

Throop looked good on paper but never clicked on the field. Nick Begovich and Jim Drake were the mainstays of the Throop offense.



Action around the Ricketts goal.

Fleming sinks another basket in the Fleming-

VOLLEYBALL

Nineteen forty-three marked the inauguration of volleyball as an interhouse sport. The innovation was met with great interest and volleyball in the afternoon became the order of the day. A tall Fleming squad paced by Hal Dewdney, Web Beckstead, and Jack Spencer went through the season unbeaten, defeating the runnerup Blacker outfit, lead by Phil Smith and Wole, 15-9, 15-12 in the season's crucial match.

Ricketts game. Tense moments in the Dabney-Ricketts inner house game.



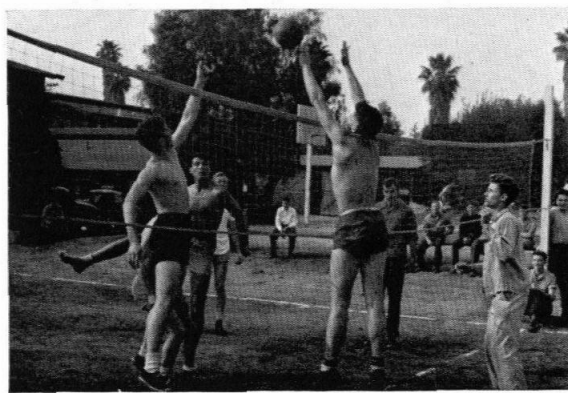
A powerful Fleming nine steam rolled all opposition to retain its customary championship this year. Blacker and Ricketts split the second spot with two wins and two losses. The absence of intercollegiate football let the Red team add speedy Harry Moore to its pitching staff, already capably filled by veteran Ray Tedrick.

Stronger Blacker squad paced by pitcher Dickie Carter and infielders Don Greenwood and Dick Marsh eked out a 2-1 victory over Ricketts but were upset by a weak Throop squad, 3-1, and defeated in a no-hit, no-run game by Fleming's Ray Tedrick, 15-0.

Ricketts fielded a veteran combination with Leon Green, Fred Tenny, and Tony Spaulding leading the rowdies in the season's play. Ricketts dumped Throop and Dabney but lost to Blacker and to Fleming in their traditional encounter 10-2.

Dabney's squad had potentialities but never got going. The green lost their feature game to Blacker 15-1. Ed Fleischer, John Mason, and Howdie Farmer sparked the Darbs.

Throop's squad with good ball players like Ben Nevill, and Gene Lestman as a nucleus was another outfit that never got rolling.

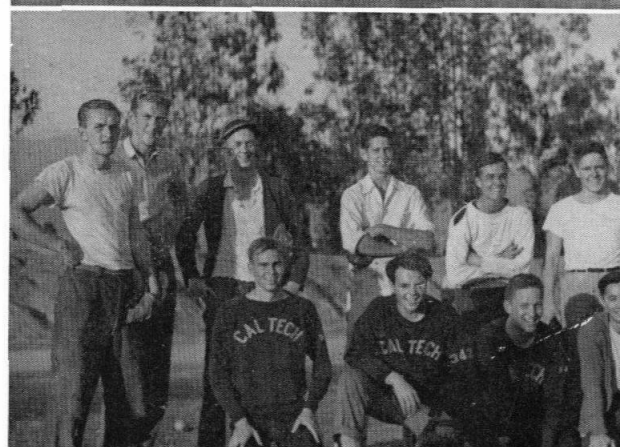


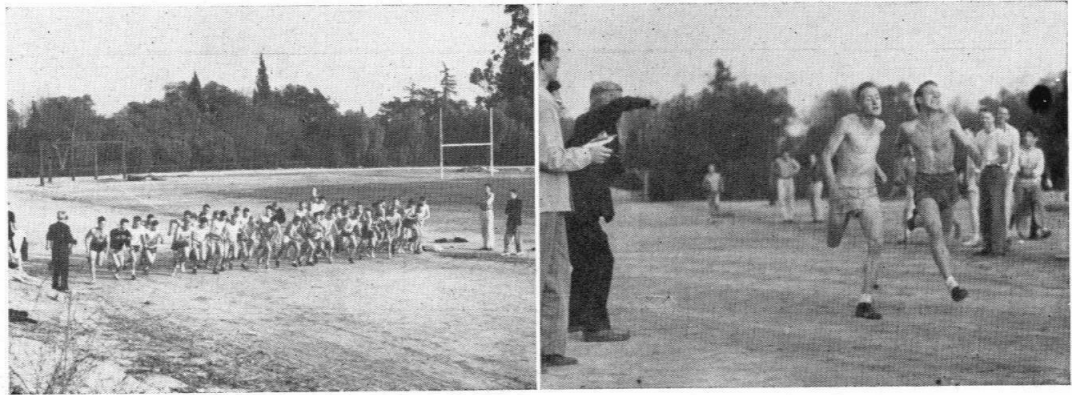
A clean hit for Fleming in the Dabney game.



SOFTBALL

Front: Clark, Gowans, Laabs, Frost, Chinn.
Rear: Davis, Tedrick, Hall, Powlesland, Dimmick.





Left: They're off! The start of the inner house two mile run. Right: Francis Odell and Gene Fisher battle for the blue ribbon in the three mile run.

CROSS COUNTRY

Doc Hanes gives the final instructions as the house harriers champ at the bit. Bottom: House champions, kneeling: Francis Odell, Paul Howard, Clyde Gerber. Standing: Gene Fisher, Harvey Holm, Lawson Jones, and Tracy Van Voorhees.



As the pre-season dope indicated, the strong Ricketts harrier squad experienced little difficulty in annexing the house cross country title.

The two mile run was the most hotly contested of the three runs, being won by Ricketts 42, Fleming 45, Dabney 58. Varsity captain Francis Odell won the race, followed by Bud Carroll and Bill Lundy, both of Dabney. Fleming placed Melvin Merritt and Bill Harland fourth and fifth.

In the three mile run, Odell and Gene Fisher upheld the Ricketts hopes when Francis again won the race and Gene moved into second position. Carroll was third and Harland maintained his fourth. Bill Weber and Clyde Gerber, the top frosh placed consistently in all of the races around sixth place. Scores were: Ricketts, 27; Fleming, 55; Dabney, 58; Throop, 105; Blacker, 117.

Odell and Fisher repeated in the four mile, barely nosing out the Dabney contingent, Carroll and Lundy. Harland and Merritt of Fleming followed with fifth and sixth. Weber, Blacker, was seventh. Ricketts placed solidly eighth through tenth with Lawson Jones, Gerber, and Tracy Van Voorhees. The score was Ricketts 30; Fleming 52; Dabney 69.

The season completed, the total points, on which the interhouse point allocation is based, showed the Ricketts squad of Francis Odell, Gene Fisher, Lawson Jones, Clyde Gerber, Tracy Van Voorhees, Paul Howard and Harvey Holm, winning 99 to Flemings 152 and Dabney's 185.

In the second year of interhouse competition in six man football Fleming went through its second season still undefeated to retain its championship. Bob Laabs sparked a good passing attack, while Neville Long, Deane Morris, and Laabs were key-men in the Red's steam roller running offense.

Fleming walloped the runnerup Throop squad 28-6 as Laabs passed to Proctor for one score and ran for another one and Neville Long climaxed two long marches with touchdowns. Ely's running and passing were the highlight of the Throop performance.

A light fast Throop squad finished second in the league barely nosing out a heavier Blacker club. Parks, Rypinski and Prudden all of whom were placed on the lightweight intramural All-star squad were the nucleus of the Throop squad. Throop beat Ricketts and Dabney easily and eked out the 31-26 victory over Blacker that gave them second place.

A heavy fast Blacker squad had perhaps the most feared backfield in league play this year. Willits, Jack Prendergast, and Dave Schefchik carried the mail for the Blacker boys. Bob Jenkins played a bangup game at end and the B's passing attack was well respected. Blacker beat Ricketts 28-14 and Dabney 14-12. The B's lost what was perhaps the best game of the season to the championship Fleming squad 38-22.

Rickett's squad was unusually weak this year. The Rowdies outfit was just too small in both backfield and line to be effective for a complete game. However a shifty, elusive backfield made Ricketts a constant threat to its opponents. The rawdies lone win was over Dabney 13-12. Tiny halfbacks Stan Clark and Bill Bair did the ball packing for Ricketts.

Ross Buchanan, Lowell Parode, Jameson, and Cutler sparked a fighting Dabney that was beset by bad luck all season. Failure to convert cost the Darbs a heartbreaker, 12-14, against Blacker.



Willits takes it for a score.

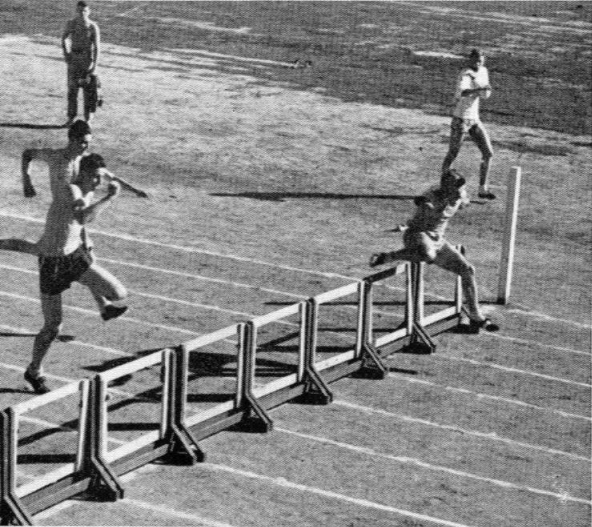
Long caught short.

FOOTBALL

Front: Coach Blayney, Wood, Laabs, Morris, Hepner, Bushong. Rear: Bashor, Day, Long, Proctor, Nelson.



TRACK



In one of the closest interhouse meets in recent history Fleming with $47\frac{1}{2}$ points retained its interhouse track championship. Blacker with $35\frac{1}{2}$, Ricketts with $29\frac{1}{2}$, Dabney with $18\frac{1}{2}$, and Throop with 18 finished in that order. Blacker barely nosed out the Red men in the running events but Fleming's strength in the field events won them the meet.

Warren Amster and Bill Weber led the Blacker boys. Amster won the hundred and two-twenty, setting a new meet record of .23.0 seconds in the latter, while Weber captured both the mile and two mile.

Kuck of Throop was the only other double winner of the day taking the high jump and the high hurdles. Johnny Nelson was high for the winners taking the 880 and running second in the quarter.

Ricketts Don Tillman set a new record in the shot put tossing the weight $42' 5\frac{3}{4}"$ while Fleming's Bob Laab with a jump of $21' \frac{1}{4}"$ was a fraction of an inch short of the record in the broad jump.

Other winners were Ricketts' Stu Martin in the lows, Throop's Terwilliger in the quarter, Dabney's Howdy Farmer in the pole vault, Ricketts' Keating in the discus, and Fleming's Lou Gowans in the javelin.

Fleming's strength was concentrated in second places, the Reds grabbing the runnerup spot in the quarter, half, mile, low hurdles, high jump, broad jump, and pole vault. The other houses split the firsts to enable Fleming to win.

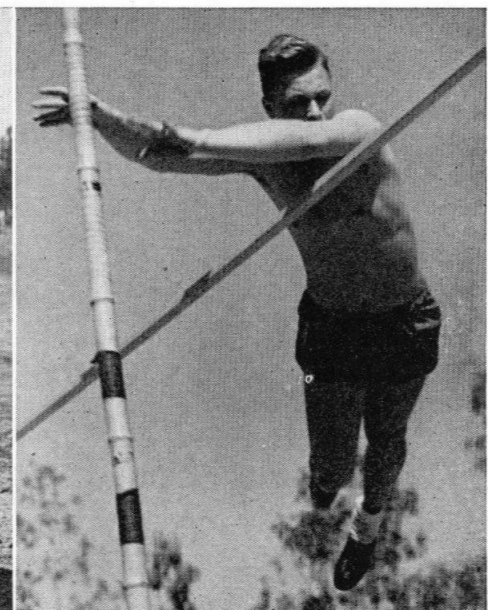
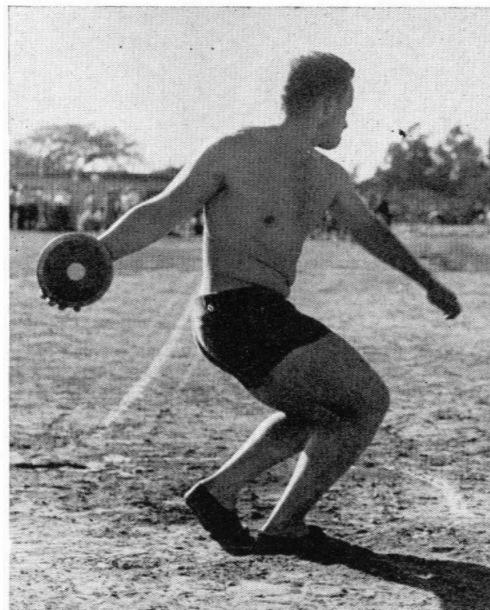
Terwilliger comes hard to nab the 440 for Throop.

Stubby Stu leads the field for Ricketts.

Eight more for Blacker's men of iron.

Gorgeous George winds up.

Howdy makes it!





Contacts

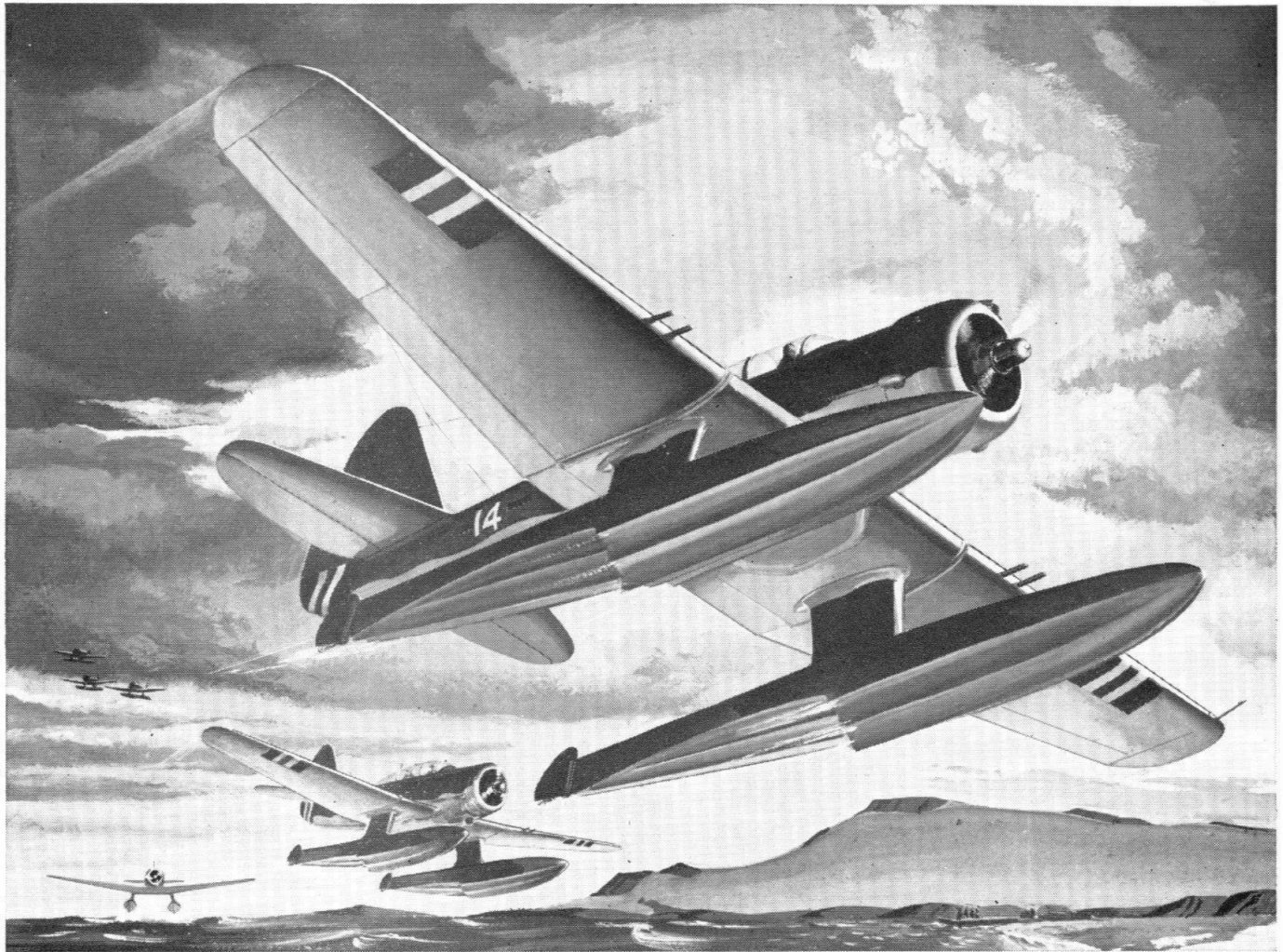
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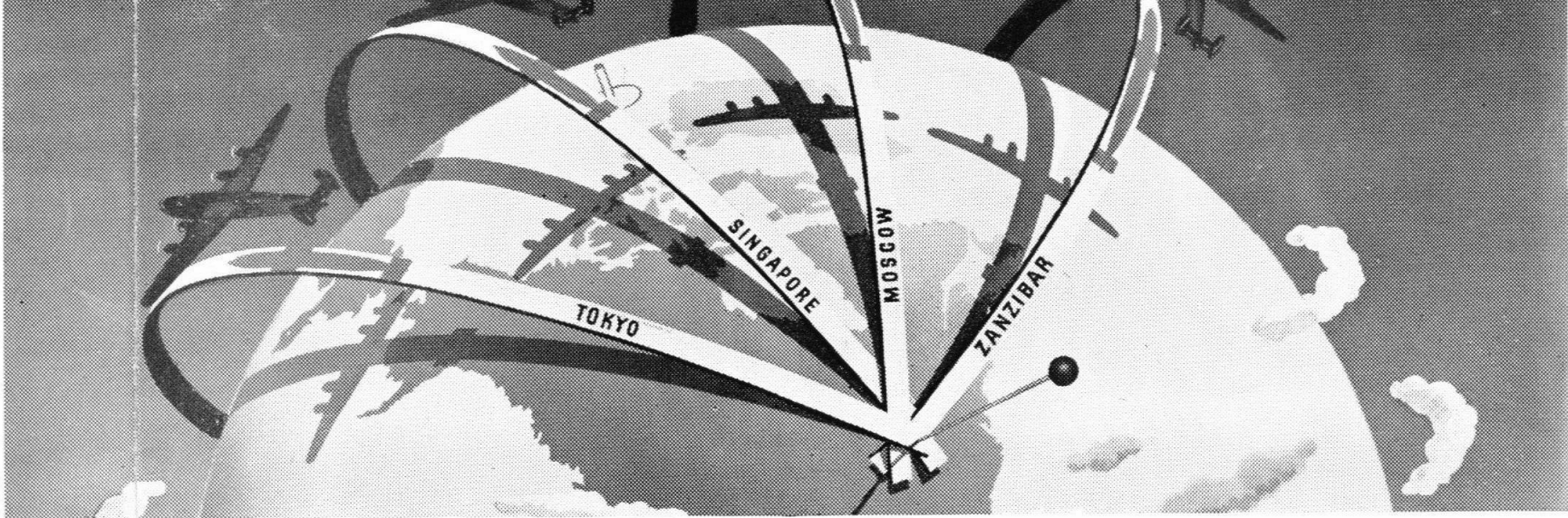
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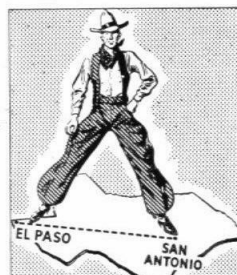
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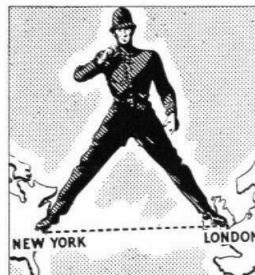
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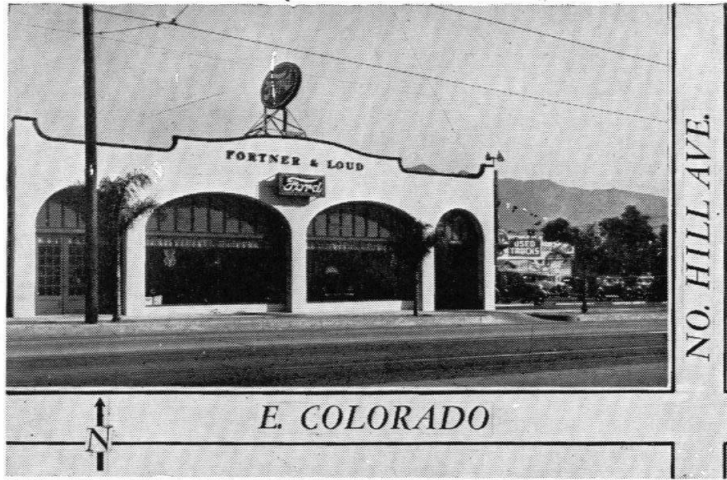
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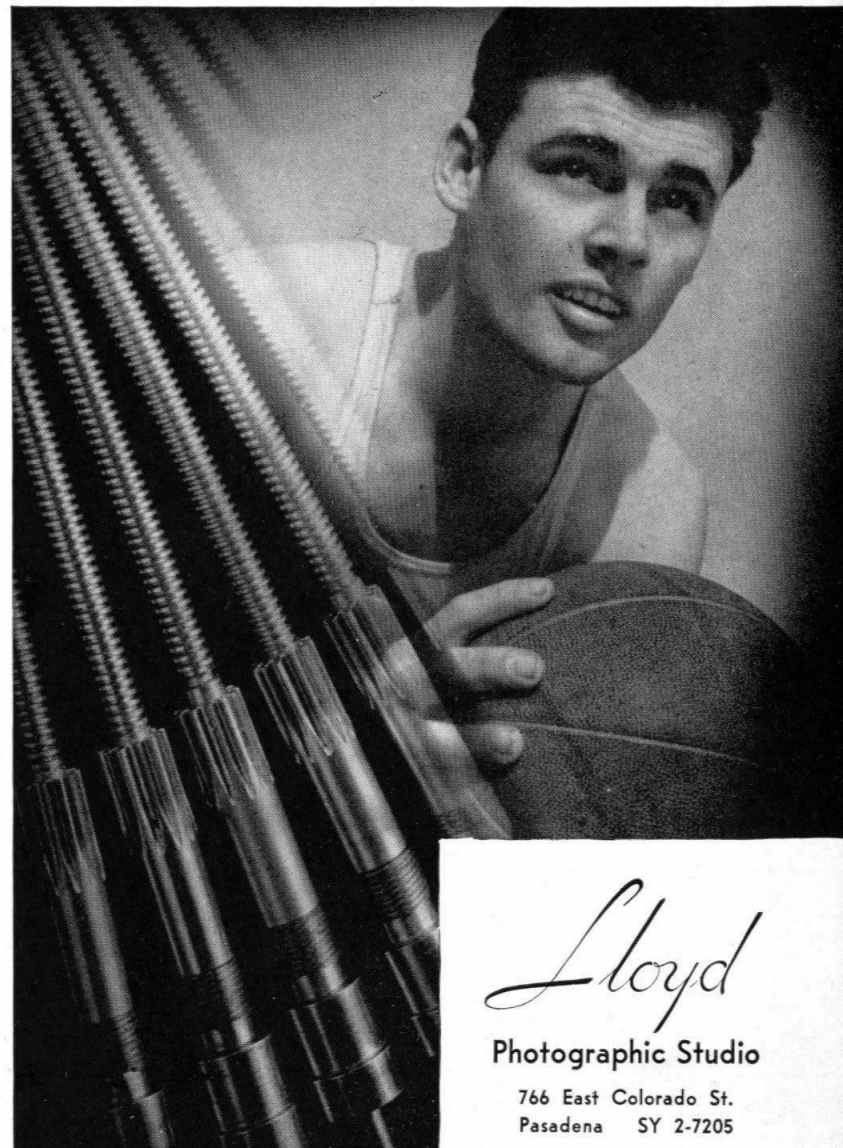
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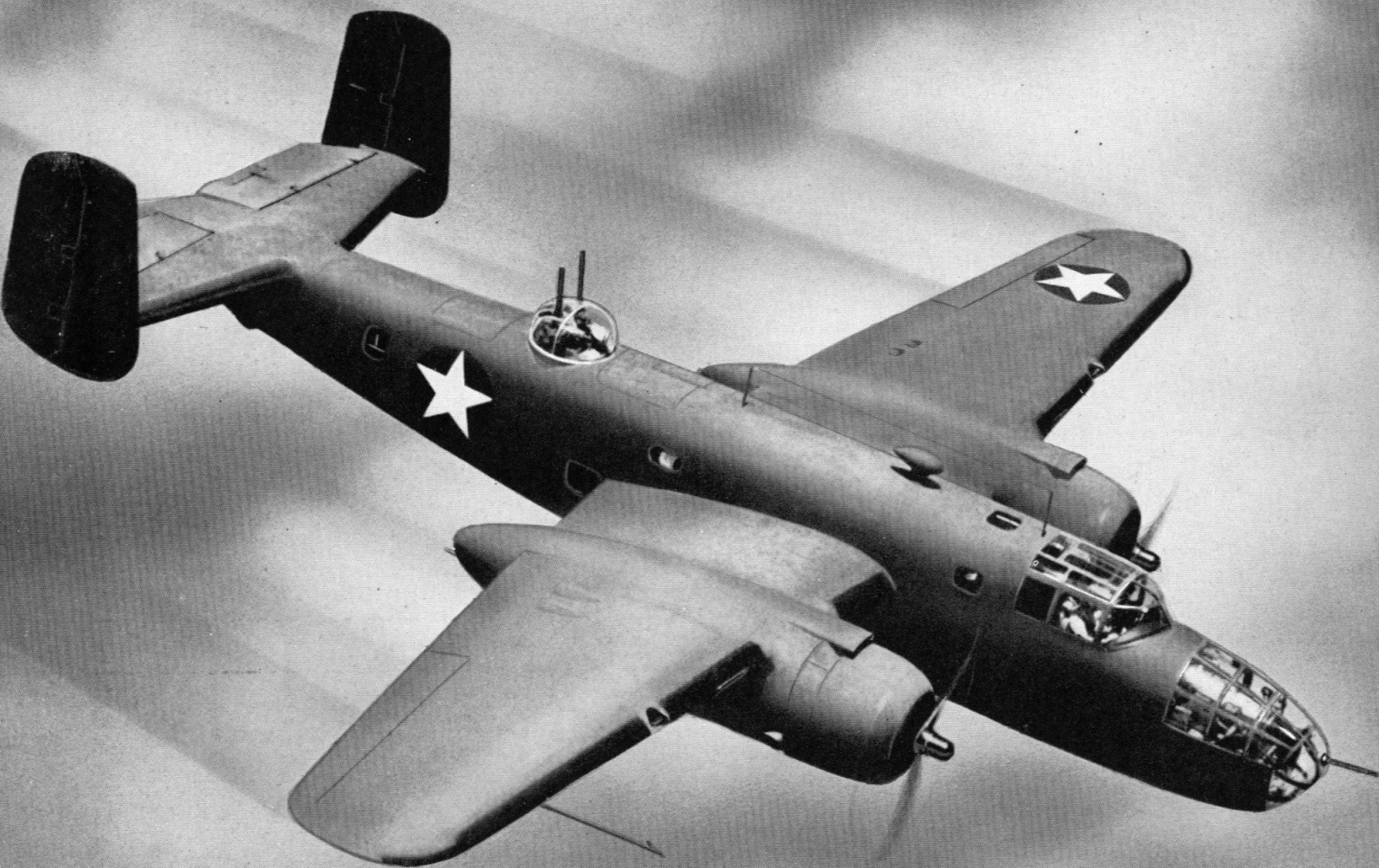


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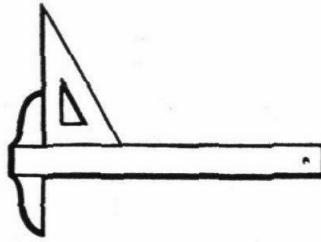
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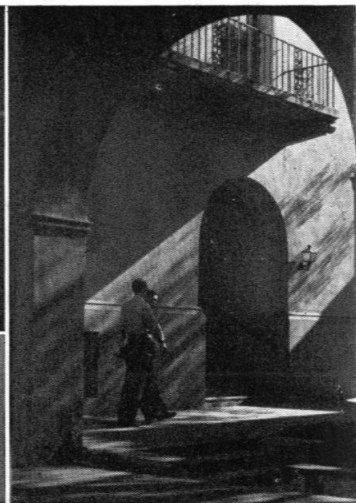
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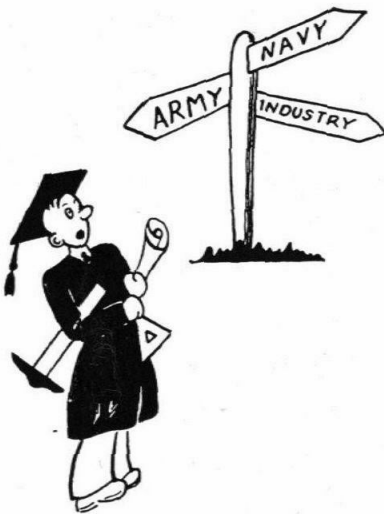
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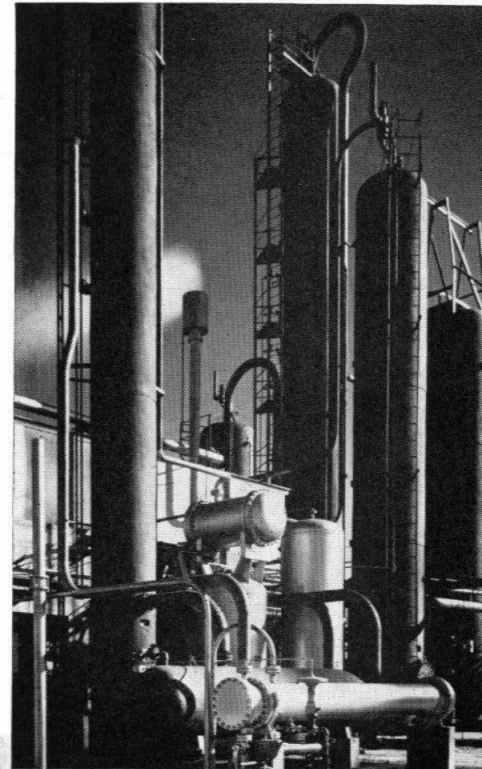
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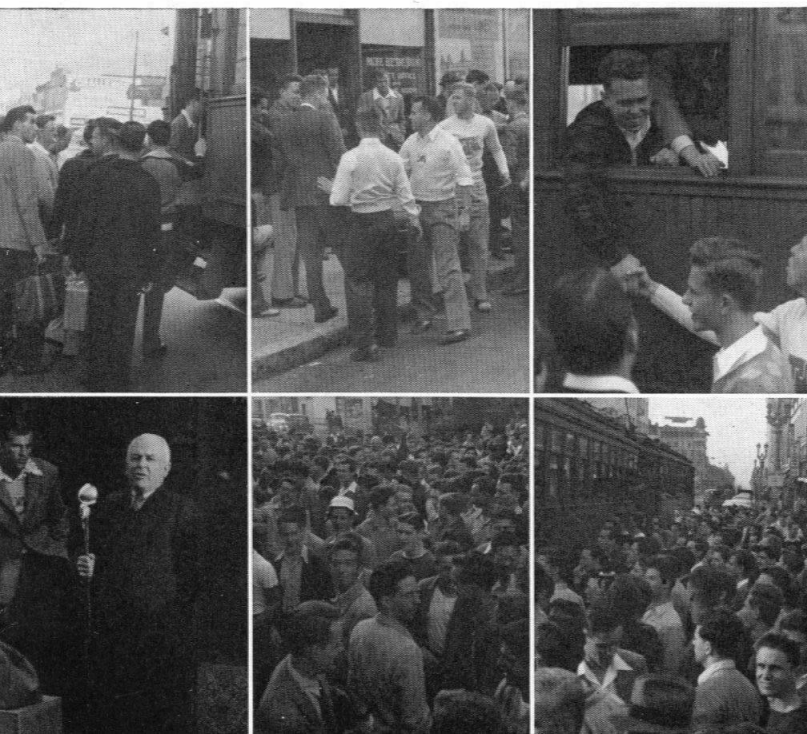
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Bright and early on the morning April 12th a major portion of the sleepy-eyed student body turned out to bid farewell to some 68 fellow students called to the colors by the ERC. After many yells and songs, warm handshakes and farewells were exchanged as the boys departed for Fort MacArthur.

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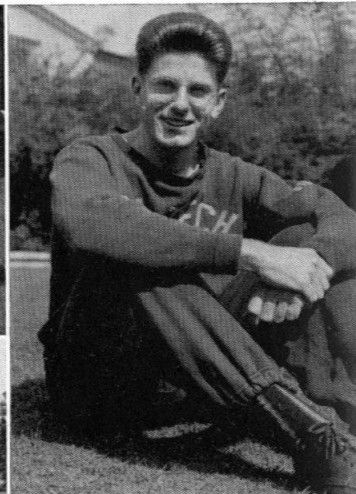
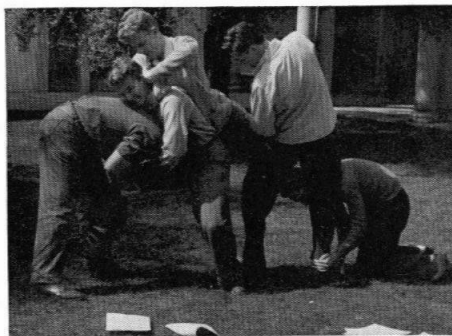
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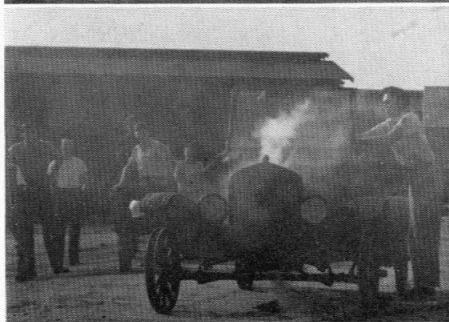
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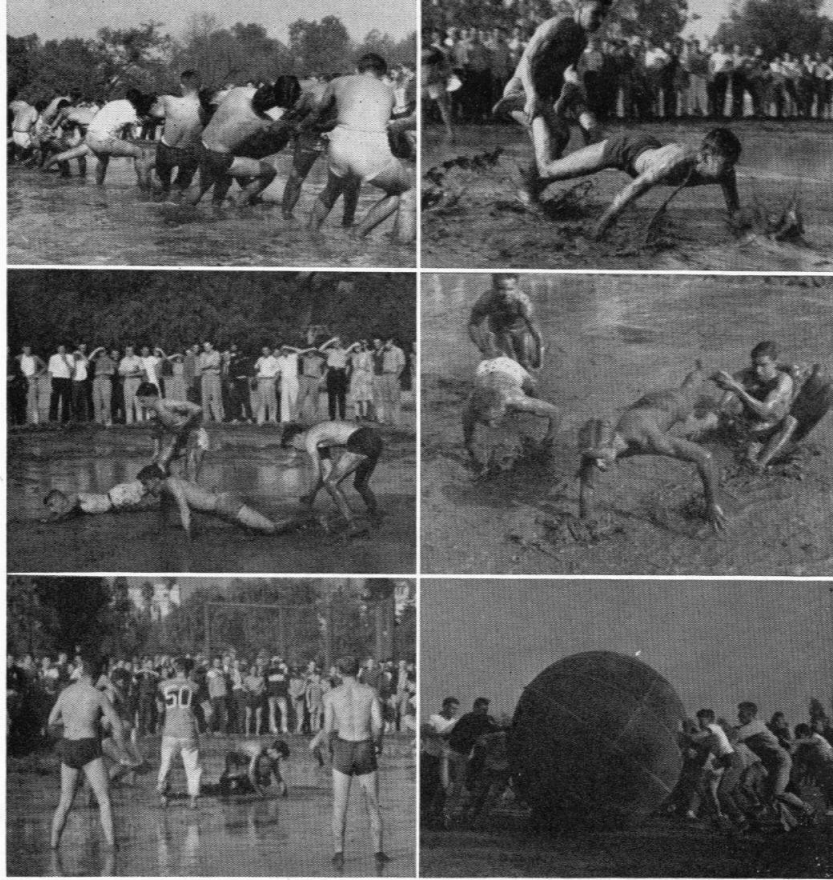


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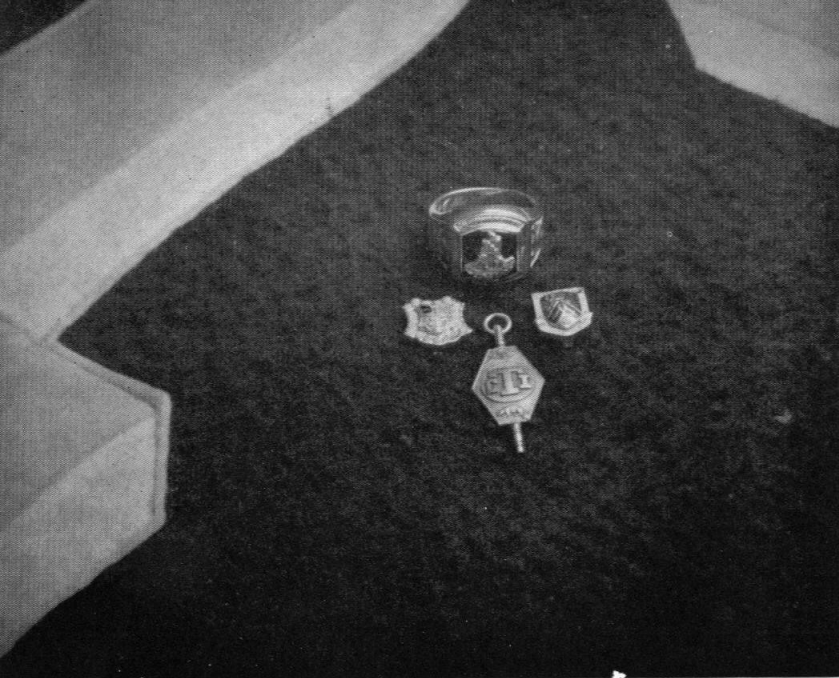
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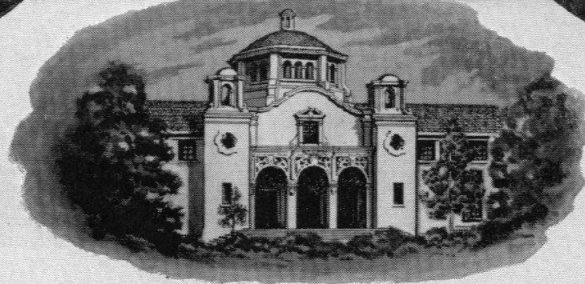
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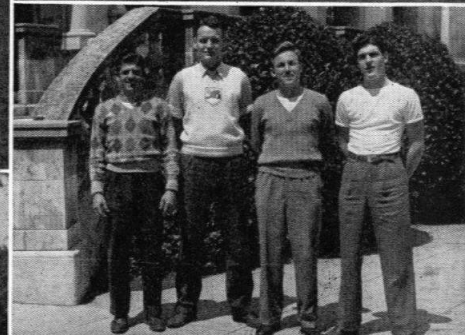
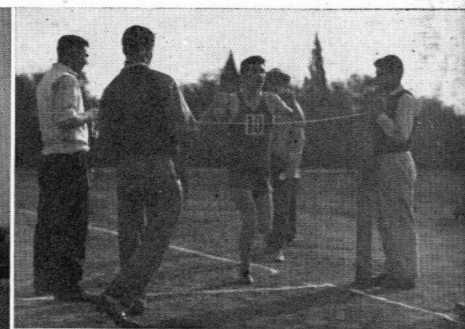
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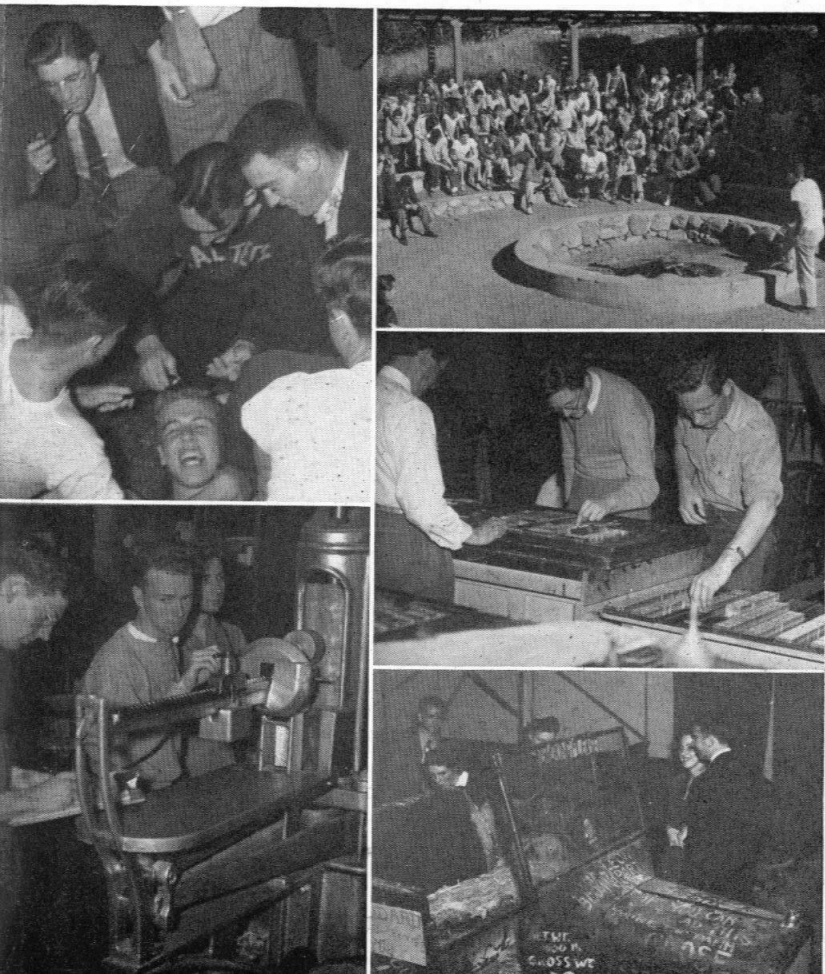
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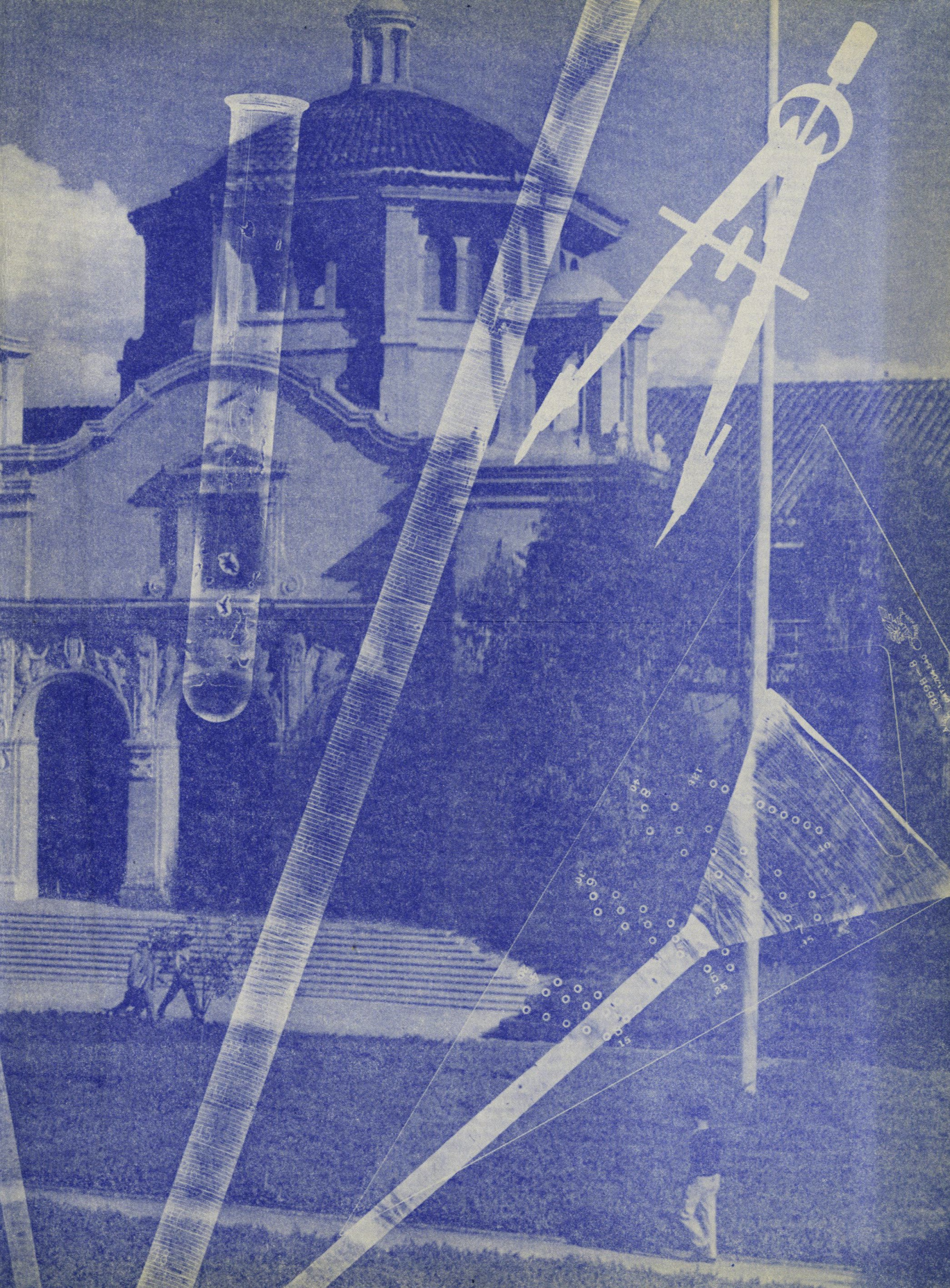
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