

The California Tech

California Institute of Technology

Volume LVIII

Pasadena, California, Thursday, November 1, 1956

Number 6

Poll reveals student-faculty split in presidential choices

The whys, whys, and therefore, of Caltech political preferences have been compiled by members of Dr. Davie's History 25 class and the Caltech YMCA. The poll, designed to bring to light opinions on candidates, parties and party policies and to correlate these various items with voting experience, previous political participation, age, and other factors was distributed to one-half of the combined graduate and undergraduate students sampled on a random basis.

Of the poll sheets distributed, 70% of the undergrad, 57% of the grad, and 54% of the faculty polls were returned in time for compilation.

Taken as a whole, Caltech men were fairly evenly divided as to candidate preference:

Eisenhower	Stevenson	Undecided
52%	43%	5%

But when the results were tabulated separately for the faculty and students, the relative constancy disappeared:

	Eisenhower	Stevenson	Undecided
Undergrad	63%	32%	3%
Grad	55%	36%	9%
Faculty	22%	76%	2%

The poll also revealed the feeling on some of the current political issues. On the question, "Stevenson has suggested securing an agreement to stop H-bomb tests. Eisenhower has said this is a dangerous proposal. Which candidate has the proper attitude towards this question?", the answers were:

H-Bomb tests

	Eisenhower	Stevenson	Undecided
Undergrad	55%	36%	9%
Grad	51%	39%	10%
Faculty	22%	70%	8%

Another question: "Stevenson has repeatedly suggested that we work toward an end to the draft. Eisenhower has said this is not presently possible. Which candidate do you think has the proper attitude toward this question?"

Draft

	Eisenhower	Stevenson	Undecided
Undergrad	62%	26%	8%
Grad	54%	34%	12%
Faculty	39%	47%	13%

Another question: "Are you generally satisfied with the way we have acted toward Egypt in the Aswan Dam negotiations and the Suez Canal problem, or do you think we should have acted differently?"

Egypt

	Generally satisfied	Should be more tougher	Should be more conciliatory	Undecided
Undergrad	37%	30%	18%	15%
Grad	61%	12%	13%	14%
Faculty	36%	21%	15%	28%

"Which party would you say had the most promising program for solving the problem of too much agricultural production, and unstable farm incomes?"

Party promise

	Republican	Democratic	Neither	Same	Undecided
Undergrad	36%	8%	32%	4%	20%
Grad	48%	10%	22%	9%	11%
Faculty	35%	23%	26%	7%	9%

"Which party do you think is most concerned about assuring that Negroes are not discriminated against in schools and job opportunities?"

	Republican	Democratic	Both same	Undecided
Undergrad	48%	11%	31%	10%
Grad	31%	12%	55%	2%
Faculty	17%	30%	47%	6%

"Generally speaking, as between the two political parties, which one seems to be more responsible for the present general stability and prosperity of our national economy?"

	Republican	Democratic	Both same	Undecided
Undergrad	37%	25%	30%	8%
Grad	48%	13%	33%	8%
Faculty	24%	37%	35%	4%

"Which candidate and party do you think are most likely to work toward a durable and lasting peace between nations?"

	Eisenhower & Republicans	Stevenson & Democrats	Both same	Undecided
Undergrad	39%	24%	3%	34%
Grad	37%	18%	10%	35%
Faculty	23%	57%	2%	18%

What happens now?

Only a fraction of the whole poll has been shown here. Other questions were asked, many pertaining to the origins or influences of political opinions of the individuals polled.

The results of the Caltech poll will probably be correlated with polls from other schools.

Fabulous interhouse dance just two short days away

by Alan Carlin

Amid rumors of nationwide publicity and more certain mundane problems such as unwanted doors, missing lumber, and even homework, preparations for this year's Interhouse Dance, to be held from nine to one Saturday night, continue to absorb the attention of the five student houses.

CBS may be here

The publicity rumors emanated from Monday night's ASCIT Board of Directors' meeting, where it was announced that the Columbia Broadcasting System planned to tape some personal interviews here Saturday for a possible five minute radio program. Further, Life might send photographers if dance preparations were completed by Saturday noon.

Social chairmen face problems

Meanwhile, house social chairmen were having their usual share of problems. However, they seemed more reluctant to talk to the Tech reporter this week than last, so that many of their problems will doubtless fail to receive the publicity needed for a proper degree of pity to be engendered for their plight. Take Dave Gilson, for instance; when cornered by this writer on the question of a band for Fleming, he first replied "No comment." Later, he stressed that the band would be a "surprise." Poor Dave. Earlier, the writer came upon him counting doors: "One, two, . . . thirty-eight, times two, times six. Now let's see, that makes about \$600 the ***** B&G want." When he had calmed down a bit, he explained that Building and Grounds department wanted to charge \$12 for the removal of each of the lounge's doors, a traditionally dispensed with item at Interhouse Dances.

Lumber lifted

Dave was not alone in his problems; at another house this reporter met irate officers protesting the prior removal of lumber used the previous year by this house for its basement hideaway. "The idea isn't that the first person down takes all the lumber," the house president was heard to say. "If that were the case, all four houses would have been down there fighting to get in the door." On the other hand, when the President of the house accused of making off with the wood was questioned on the subject, he replied that he, "couldn't see how that could get into the paper." Its social chairman stated that the first house, "could have what it could identify."

Structures arise

Amid the words, however, various structures are slowly arising at the various houses out of the odds and ends of wood evident earlier in the week. In Fleming, a Venetian scene, complete with a cafe and other shops, a statue, and a kiosk is taking shape in the lounge.

(Continued on page 3)



Hugo Fischer and Clint Frasier solder the ribs of the Ricketts genie as Sonny Nelson and an unidentified worker look on.

Dinner plan for off-campus freshmen officially vetoed

The proposed five dinner plan for off-campus freshmen was officially cancelled on Monday, October 22, because of lack of interest on the part of the freshmen. Originally, scheduled to start on Tuesday, October 23, the dinners were to have been served in the training table beneath Blacker at a cost of \$1.10 per meal.

Dancing class hits high gear

Under the leadership of Leon Partin, the ASCIT Dance Class finished its second session last night in Culbertson. The number of lasses had been very much in the minority, but that unfortunate feature was taken care of at this meeting.

The class, which originally began in Throop Club, was permanently moved to Culbertson because of the excess of enrollees. Classes will be held every Wednesday night (with the exception of Thanksgiving week) for the remainder of the term. The Beginners' class (7:30-8:30) will learn the fundamentals of the waltz and fox-trot, while the advanced class (8:30-9:30) takes on the intricacies of the Mambo, Cha-Cha, and Charleston. The admission is 40 cents.

Wet, muddy Frosh-Soph joust scheduled Tuesday afternoon

Muddy mayhem breaks loose Tuesday, November 6, when the freshmen battle the sophomores in the annual mudeo classic. At stake will be prestige and the dubious privilege of paying for the Frosh-Sophomore Dance.

The event will be judged by members of the junior class, famed for their traditional honesty and justice. There will be no afternoon classes so that the slime skirmish can start at 2:30.

Activity centers about a mud pit located at the south end of Tournament Park. A tug of war, sack race, wheelbarrow race, horse and rider race and tire spree comprise the mudeo. Due to their importance pointwise, the last two events should be especially furious.

All but intercollegiate team members are eligible to compete. After the battle, the judges will be treated to a guided tour of the premises.

The Class of 1960 has good reason to expect to win since the sophs already won their share last year, from the present juniors. But then the sophomores expect to win too. They usually do.

California Tech

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Secretary's Report

Stop-Look-Life: Life magazine photographers may be here this Saturday afternoon to take pictures of Interhouse decorations providing that they are sufficiently completed by that time.
Big T. to sell stock? The Big T, Caltech's annual, earned a surplus of an undisclosed amount last year.
Pre-game Oxy rally: Newly-elected Dick Van Kirk and Jim Cribbs are planning a huge rally for a week from tonight to whip up spirit for the Oxy game.
Fall Sports Banquet: Team members, cheerleaders, band members pay \$1.50. Others pay \$3.25.

Herb Rauch
 ASCIT Secretary

HR: fjk

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The world of modern jazz

Charlie Mingus

Occasionally there is a composer whose conception and execution distinguish him from the rest of his contemporaries. Bach was such a one, as was Wagner. Although it is still too early to judge, Charlie Mingus gives every indication of being a composer of such stature as to rank him among the Bach's and Wagner's. His achievement is more remarkable in the light that it has occurred in jazz, where emphasis on composition is usually of a secondary nature. The occasion for this high praise is the recent release of his album, **Pithecanthropus Erectus** on Atlantic label. Mingus' compositions herein differ from the run-of-the-mill in a number of significant manners. For instance, jazz musicians will interpret a given piece of music rather than reproduce exactly what the composer has visualized. Mingus allows latitude for the individual by playing his compositions on the piano and explaining the effect he wishes to create to the musicians, letting them take it from there; nothing is scored on paper.

But what strikes the listener immediately is that Mingus is writing programmatic and descriptive music, perhaps the initial serious attempt to do so in a jazz framework. The first side is comprised of **Pithecanthropus Erectus**, a tone poem

about the first man to walk erect, and **Foggy Day in San Francisco** aurally reproducing the sounds of the Bay City at noon. To secure the desired effects, saxophones are played to sound like roaring animals or automobile horns; police whistles are blown; coins are dropped on the floor. While the description makes it sound as though Mingus has created a menagerie rather than a memorable composition, one can only invoke the old cliché that these sides must be heard to be appreciated. These same devices, in the hands of a less talented musician, might produce nothing more than a burlesque. Certainly the element of humor plays in part in these two Mingus works, but so many emotions are stimulated in the listener that the isolation of any one of them is almost an impossibility.

The compositions on the second side are a little more conventional, especially the brief **Portrait of Jackie**, a vehicle for altoist Jackie McLean, whose work has become steadily more impressive of late. (The rest of the personnel includes: J. R. Monterose, tenor; Mal Waldron, piano; Mingus, bass; Willie Jones, drums.)

Love Chant is the last track in the album, and, lasting 15 minutes, ranks high among the most ambitious of jazz compositions. Mingus has made some

changes in the ordinary bar structure of jazz, but they are unimportant to the average listener who is interested in results rather than techniques employed. But by any standard, **Love Chant** is worthy of description by superlatives. It moves through a variety of tempo and evokes a broad range of non-stock responses by the feelings which are projected. This track provides a fitting conclusion for a most moving work.

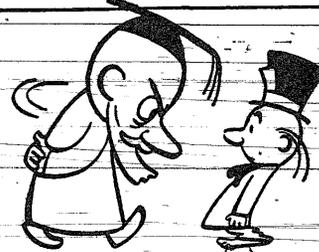
Although it is somewhat superficial to dismiss the solo work with a broad generalization, nonetheless the solos were excellent throughout. Monterose's choruses in **Pithecanthropus**, Mingus' in **Foggy Day** and the solo work of Waldron and Willie Jones in **Chant** were all high points, while McLean's up-tempo exposition in **Chant** was a jewel... the best McLean to date.

The album of the year, and probably of the next few years, too.

—Frank Kofsky

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by Chester Field



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Campus Interviews Monday, November 5, 1956

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Campus Brewins

Girls, grubs, gents guzzle

Phlegms and Darbs met in the woods last Friday for a Barf Dance. Phlegms and Darbs had a spelling bee. Grubs defeated Gentlemen (you can tell them apart by the way the Gentlemen's house coats smell like beer). Grubs ran twelve men, because Hood N. Velinty forgot to stop talking when he drank and Mexican L. Tenn bit a chunk out of his mug. Gentlemen ran twelve men and a boy. Music was by Tony Iorillo and her magic violin.

Troll Tailor tools through

V. Tailor had to hurry to pick up his date. He threw his lackey, G. (Ve are down infinite) Clothesly into his stock '41 Ford, adjusted his belt-in-back tie, and zipped to girl's house. He rang on doorbell.

Door opened by D. Gilswine who said, "Come on in, Vince—You're early. She hasn't finished getting dressed."

Vince offered Beak an explanation for the offending presence, but finds Gilswine's smug silence a more convincing story.

Phlegm finds physicist (femme)

Another unconvincing story was that offered by Frosh W. Albino when discovered with woman in bowels of Synchron.

"She's a physics major at Santa Monica J.C. She said she wanted to make a good physicist and figured she should come to Caltech to look around."

Frosh W. Albino is an Astronomy major.

Crock Krabbel Crew clue

Van Crock, non-ASCIT pub-

INTERHOUSE

(Continued from page 1) while a grand staircase and ballroom occupy the adjoining dining hall. Across the courtyard stands a clock and bell, while a canal flows through the courtyard, complete with gondola and arched bridge. If all these grand conceptions do not come to pass, of course, the reader will realize that the fact that, "All the other houses are bunch of dirty robbers," on the words of another harried social chairman. "We only swipe an individual's stuff," he went on, but this reporter was too busy taking down the first part of his statement to catch the rest.

Shorty Rogers

Meanwhile, Dabney was also making plans, little knowing about the rubbish Fleming

licity manager, was kidnapped from Bob's by two of The Other sex. Always loyal, Van Crock delivered ransom note to E. Krabbel in person. Van C and Krabbel look Others on tour of campus, (i.e., viz. 21 Ricketts).

The Beak interviewed Van Crock.

Beak: Where'd you take 'em, Dick?

Van C: Animal Room in Ker'off.

Beak: Get Any?

Van C: Huh?

Beak: I mean, down in the Animal Room. Get Any?

Van C: Nah.

Beak: Why not?

Van C: Ah, they was all in cages and we didn't want no rabbits, anyway.

Bully Blacker Boyth

Nothing at all has happened in Blacker Houth. Nothing. At all.

planned to pile in the connecting passageway. Their theme, it seems, is Toyland, which will feature a volcorno (pop corn giver, what else?), Shorty Rogers, a merry-go-round, Shorty Rogers, a lemonade spring, Shorty Rogers, a lollipop tree, Shorty Rogers, and toy soldiers in the courtyard. A hippopotamus which eats paper cups will greet visitors entering the Dabney lounge from Blacker, but inside the lounge they will find punch from a giant chemistry set, mother goose murals, humpy dumpty, Shorty Rogers' band, and much, much balloons (that is, all that could be bought in balloon-scarce Pasadena).

Blacker is keeping mum (underarm)—all its social chairman would say was that they planned

something bigger than ever; i.e., everything would be at least double size, including Jack and his bean stalk and many, many clouds. In addition, they plan to have Paul Smith's band.

Ricketts, as everyone should know, is planning an Arabian theme, including a cave, a gold tree, a silhouetted Arabian city, Guy Lombardo's band, a split-level lounge, and even a flying carpet that flaps up and down (they hope).

Throop plans a space ship, complete with black, interstellar

space, a shining planet, and the Vagabonds to supply the un-earthly noises.

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Water polo squad drops two games to UCLA, Occidental

Coach Web Emery's water polo team played its best game of the season, only to lose to the powerful UCLA Bruins, 10-3, October 24, in the Caltech pool. Two days later the Beavers dropped a 9-1 tilt to the Occidental Tigers at Oxy, in a game marked by extensive fouling on the part of Caltech players.

Against UCLA, the strong Beaver defenses held Fox and Drum, Bruin scoring aces, to two goals each. Using a breaking offense, Clarke Rees scored twice and Bob Blandford once for Caltech. Goalie Don Wiberg played catch with the fast shooting UCLA forwards, stopping twenty shots. Keith Martin, Bob Smoak, Norm Velinty, and Ed Park played good defensive games against the skillful Bruin shooters. Only injury of the game was a sprained thumb on the shooting hand of Rees.

Redlands tops Tech harriers

Ray Manion, ex-Oxy runner, led the Redlands Bulldogs to a 25-30 over Caltech in the SCC opener Friday at Caltech. Manion easily outdistanced the rest of the field over the three mile distance. Dan Wulff took third place for Caltech's best showing, followed by Mike Rusch in fourth. Reed Saunders added a sixth place effort to the Beaver cause. The Caltech frosh won the preliminary event from an undermanned Bullpup squad.

Tomorrow the Beavers play host to Occidental in a conference encounter. Rumor has it that several of the top tiger runners will not be present.

The Sports Corner

by Dick Van Kirk

With only three games remaining on the football schedule, Caltech's hopes for a .500 season hinge on winning performances in each of the three games. Aside from the season opener against Cal Baptist, the remaining games appear to be the easiest on the slate. This does not mean that the Beavers have all three games in the bag, however. On the contrary, all three games could easily end in defeats for Caltech, should enough Techmen turn in below-par performances. But, if each Beaver player turns in a good, workmanlike performance with a minimum of mental lapses, Caltech should be rated the favorite in both the Cal Poly and LaVerne games, and at least a tossup for the Occidental encounter.

* * *

Plug of the week dept. . . Coach Ed Preisler of the frosh basketball team has asked this dept to announce that there will be a meeting of all prospective freshmen hoopsters next Monday at 4 p.m. in the lecture room of the athletic center. Also from the athletic department comes an urgent plea to tell the local world that the Cal Poly game will start Saturday morning at 10 a.m. instead of 2 p.m. in the afternoon as originally announced.

Frosh Sports Roundup

by Brad Efron

Football

Caltech's freshman football team played its best game of the year Saturday, but wound up on the short end of the score. Battling the Pomona Sagechicks at Pomona, the Beavers dominated play in the last three quarters of the game. Quarterback Mel Holland led several sustained Caltech drives, two of which resulted in touchdowns.

Almost every Caltech player looked better than in previous games. Particularly outstanding were end Don Walker and back Rick Lindman. Two quick touchdowns in the first ten minutes of play, though, gave Pomona the game. Final score: Pomona 26, Caltech 13.

Water Polo

Occidental was practically pushed out of the pool, last Friday, by the energetic freshman water polo team from Caltech. Pete Romy and Bob Thompson scored four goals apiece, leading the 9-4 victory.

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EAST HARTFORD 8, CONNECTICUT

Whittier edges Caltech in hard-fought game, 20-7

by Howie Bloomberg

Caltech dropped their third straight SCC football game, 20-7, at Whittier last Saturday night. The Poets won the ballgame on three key Beaver miscues. Otherwise the game was evenly played.

The Poets scored the first two touchdowns of the fray. With six minutes gone in the first quarter, Dick Van Kirk, Tech quarterback, lifted a beautiful 48 yard punt from his own six yard line. Tom Poholsky returned the punt for Whittier to the Caltech 46. On the next play Gary Campbell took a pitchout from quarterback Virg Lemley on a buck lateral play and skirted his own right end for a touchdown. The conversion attempt was successful.

Later in the first quarter Whittier tallied again when Campbell tolled a screen pass good for 28 yards and six points. The conversion try was wide, and the Poets led 13-0. The second quarter was strictly a defensive duel, as neither team could move past the other's 30 yard stripe. At the half Whittier held a two touchdown lead.

The Beavers drove for their score in the third quarter. Whittier was stopped after taking the opening kickoff of the second half, and they punted to the Caltech 35. From this point Tech put together a sustained drive that netted them a TD. Ed Krehbiel and Don Stocking led the way in the Beavers' 65 yard drive. Chuck Malone's kick was good for the extra point, and the Whittier lead had been shaved to 13-7.

The turning point in the game came in the third quarter. Whittier took the ball to the Tech 25 and fumbled at that point. But Tech returned the ball on the next play to the Poets and thus quelched any possible Beaver scoring thrust. From the Caltech 24 Campbell threw another screen pass which was good for a Whittier tally. The extra point attempt was good, and so with the last quarter just underway, Whittier had the game sewed up, 20-7. Late in the game, Caltech took the ball to Whittier's 8 yard line on a 38 yard pass play from Van Kirk to Bill Moeur, but the attack stalled at that point, as the Poet forward wall stiffened and pushed back four Beaver thrusts.

Beavers tie Hen kickers

Caltech's varsity soccer team won a moral victory Saturday, by tying the Pomona-Claremont booters, 3-3, at Pomona. The Beavers went into the game as underdogs after their loss to UCLA last week. UCLA had been beaten by the Sagehens earlier in the season. The Beaver attack was led by center forward Bob Norton, who tallied twice. Tech's other goal was kicked by Steve "Twinkletoes" Macc (sic).

Tech would have done even better if it had the services of two stellar grad students, Alan Beaulonga and Rene Maurice, who were unable to make the game. Brent Banta, recently up

from the jayvee, played an aggressive game and figures to see a lot more battles in the future.

Tomorrow the Beavers play the University of Southern California in a non-league game.

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		TIER
First downs	9	11
Net yards rushing...	136	131
Passes attempted.....	3	17
Passes completed.....	1	8
Passes int. by.....	3	0
Net yards passing....	33	150
Total yards net.....	169	281
Caltech	0	0
Whittier	13	0

Welcome!

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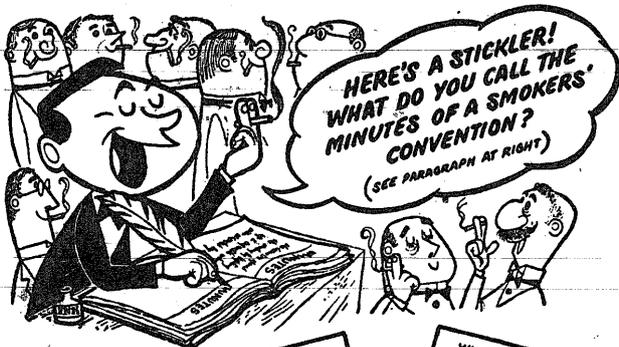
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WHAT IS AN OVERWEIGHT SOUTHPAW?
 Hefly Lefty

WHAT IS A GOLD-PLATED RIVE IRON?
 Flashy Mashie

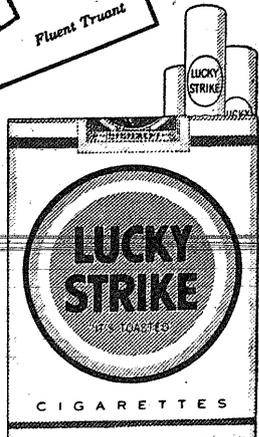
WHAT IS A FAST-TALKING HOOKY FLAYER?
 Fluent Truant

WHAT IS AN ENGLISHMAN IN LOVE?
 Smitten Briton

DON'T JUST STAND THERE...
STICKLE! MAKE \$25

Sticklers are simple riddles with two-word rhyming answers. Both words must have the same number of syllables. (No drawings, please!) We'll shell out \$25 for all we use—and for hundreds that never see print. So send stacks of 'em with your name, address, college and class to Happy-Joe-Lucky, Box 67A, Mount Vernon, N. Y.

"IT'S TOASTED" to taste better!

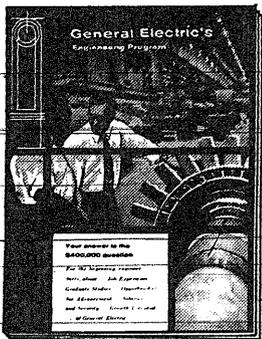


Luckies Taste Better

CLEANER, FRESHER, SMOOTHER!

WHERE ARE YOU GOING?

1 For majors in electrical, mechanical or aeronautical engineering and related fields.

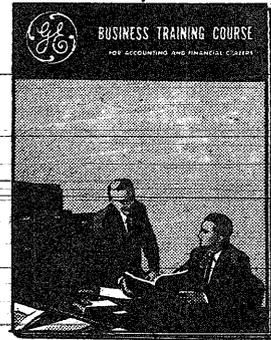


Write to: *Engineering Recruiting*
Department 25-E
General Electric Company
Schenectady 5, N. Y.

EVEN if you are just starting college in the "Class of 1960," we suggest that you take a long look at where you are going. Know, don't guess, what is offered by fields like engineering and science, finance, marketing and relations. Too often young people discover late in their senior year that they can't qualify for the career of their choice. Why be caught short? Selecting a career and knowing what is expected will make it possible for you to prepare for it now. Many graduates will find their place with industry.

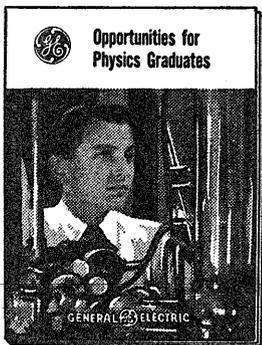
General Electric is typical of many large industrial concerns. We employ over 27,000 college graduates from nearly 700 different colleges and universities. And our future, as the future of any progressive company, hinges on these people. Young men and women that have initiative, analytical and creative ability will make progress with industry. If you are interested, write for information about one or more of the programs listed on this page. These are the principal doorways to success at General Electric. The booklets can also be found at most college placement bureaus in a binder entitled "Career Information."

2 For majors in accounting, business administration, finance, economics, mathematics and liberal arts.



Write to: *Business Training*
Department 25-B
General Electric Company
Schenectady 5, N. Y.

3 For majors in physics or engineering physics.



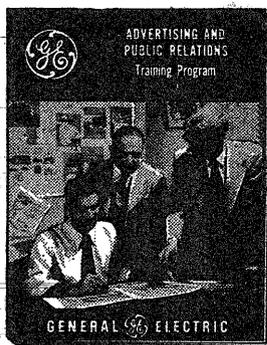
Write to: *Engineering Recruiting*
Department 25-P
General Electric Company
Schenectady 5, N. Y.

4 For majors in engineering.



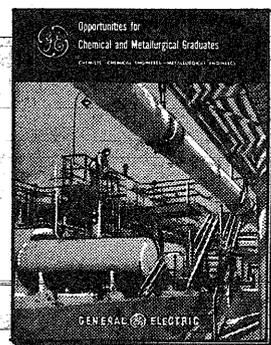
Write to: *Technical Marketing*
Department 25-S
General Electric Company
Schenectady 5, N. Y.

5 For majors in English, journalism, public relations, advertising, marketing, economics, engineering and fine arts.



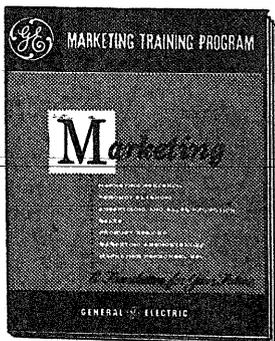
Write to: *Advertising and Sales Promotion*
Department 25-A
General Electric Company
Schenectady 5, N. Y.

6 For majors in chemistry, metallurgy and chemical, ceramic or metallurgical engineering.



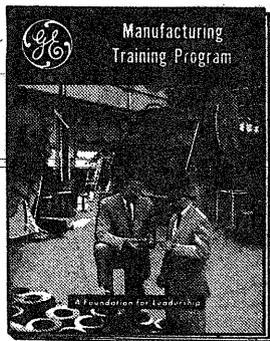
Write to: *Engineering Recruiting*
Department 25-C
General Electric Company
Schenectady 5, N. Y.

7 For majors in engineering, business, or liberal arts who have completed graduate work in business administration.



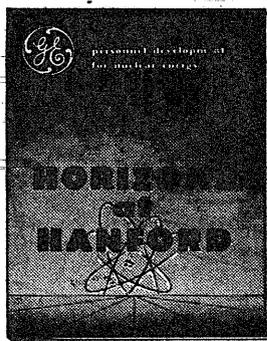
Write to: *Marketing Services*
Department 25-M
General Electric Company
570 Lexington Ave., New York 22, N. Y.

8 For majors in mechanical, electrical or industrial engineering and qualified men with non-technical degrees.



Write to: *Manufacturing Training*
Department 25-M
General Electric Company
Schenectady 5, N. Y.

9 For majors in physics, chemistry, metallurgy and electrical, chemical or mechanical engineering.



Write to: *Technical Personnel Placement*
Department 25-N
General Electric Company
Richland, Washington

10 For young men interested in shop operations and the economic and social forces facing industry.



Write to: *Employee Relations*
Department 25-R
General Electric Company
570 Lexington Ave., New York 22, N. Y.

Progress is our most important product

GENERAL  ELECTRIC