

The FEBRUARY 1959

GEORGIA TECH

Alumnus

16-HOUR DAY

see page 4

THE CROWDPLEASER

see page 5

DISCIPLINE AND FRATERNITIES

see page 8

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Ramblin'

—the editor's notes

▲ THE TRAGEDY of being on top is that someone is always trying to shoot you down. Well, after a short stay at the summit, the alumni of Georgia Tech have been shot down.

During the 1956-57 year, you set a new national record for the highest percentage participation in a fund drive by the alumni of a major tax-supported institution. Over 41% of the alumni of Georgia Tech contributed to the 10th Roll Call, marking the first time in history that a school in our classification had passed the 40% participation mark.

Last year, we had another good year, going over the 40% mark for the second consecutive year. But, along came the alumni of Texas A & M with a solid 48.9% participation (15,284 contributors out of 31,200 known alumni) to take over the top spot in the country.

An additional bit of salt was added to this wound when the Texas school picked up an extra \$10,000 from the United States Steel Foundation for "distinguished achievement in the development of alumni support." This is a new award administered by the American Alumni Council. Looks like our big year came a little too soon.

* * *

▲ OF COURSE, you can help regain this uncomfortable loss of prestige by being sure that you are not one of the 1,200 or so alumni who contributed to the 1957-58 Roll Call but have not yet sent in their checks for the 1958-59 Roll Call.

* * *

▲ WE NOMINATE for the funniest reading we have come across in years, a letter by Leon Levy, '22, one of the architects who designed the New York Coliseum. Leon, in answer to a request in one of George Griffin's class newsletters wrote this letter to Walter Coxe, '22. Here are some excerpts from that letter:

"I tender herewith my recollections of the Arthur Murray—Capital City Club radio broadcast, as per George Griffin's request, in his last report to the Class of 1922, which looked like it had been typed on a piece of stale bread.

"Arthur Murray had a dancing class which he called The Club de Vingt (probably because it had sixty-five mem-

bers) which met in the ballroom of the Capital City once a week.

"He hired Abel Winburn and me as the orchestra, Abel to play piano and I drums. We weren't very good but we were very cheap, and the young folks in those days apparently lacked the critical faculties they have since developed about music. They didn't dance so good either, which made it a Mexican standoff.

"I recall that Abel and I got a dollar and a quarter a session, which lasted about three hours. This was good money. It wasn't much, but it was good. Besides, we were out of the high-rent district, since the club furnished the piano for Abel and I borrowed the drum from the Tech Band room. Frank Roman was unalterably opposed to anyone taking instruments off the premises, but he never objected to this—possibly because he didn't know about it.

"Abel and I were happy to have the job, because if we hadn't been down at the Club de Vingt playing music, we would have been studying or going to classes, both of which activities were held in limited repute in the circles in which we moved.

"On the historic occasion of which I write, the Tech Band (minus one drum) did broadcast, and the music was picked up at the club. There was only one set of ear-phones, trailing a long wire, and everyone took turns dancing, with the phones clamped on, the wire tripping up the rest of the dancers. They were thus able to hear the Tech Band play hundreds of choruses of 'Ramblin' Wreck.'

"I remember remarking to myself that, while this new invention made the band sound worse than usual, it at least spared one the necessity of sitting there and looking at it. 1922 was a particularly good year for unlovely bandmen.

"On this basis alone I predicted that radio would be a ringing success, and it was."

* * *

▲ WE HAVE REREAD this letter several times, and always find something new to laugh at upon each new scanning. The next time we go to the big city, we intend to look up Leon Levy. Folks with his sense of humor are mighty hard to find nowadays.

Bob Wallace, Jr.

Tech Alumnus

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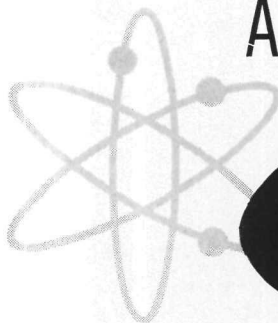
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CONTENTS

2. RAMBLIN'—a few words about a loss of prestige plus excerpts from a very humorous letter.
5. CROWDPLEASER—The Duke in profile.
8. FRATERNITY DISCIPLINE—Associate Dean John Pershing expands on a theme close to his heart.
12. THE 16-HOUR DAY—a library is a busy place as Bill Diehl proves in pictures and text.
20. WITH THE CLUBS—special reports.
22. A FEW DEDICATIONS—the campus grows.
24. NEWS BY CLASSES—an alumni gazette.

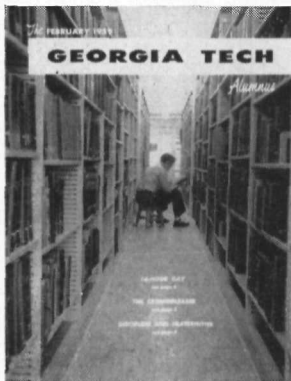
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THE COVER



A graduate student engrossed in his work studies in one of the aisles between the stacks in Georgia Tech's Price Gilbert Library. The library, a beehive of activity, is given a searching look by the camera of Bill Diehl, Jr. on pages 10-19 of this issue. It's an exclusive *Georgia Tech Alumnus* feature.

Cover Photo—Bill Diehl, Jr.

Published eight times a year — February, March, May, July, September, October, November and December — by the Georgia Tech National Alumni Association, Georgia Institute of Technology; 225 North Avenue, Atlanta, Georgia. Subscription price (35c per copy) included in the membership dues. Entered as second class matter at the Post Office, Atlanta, Georgia under the Act of March 5, 1879.

WE READ AND HEAR a great deal these days about the wave of high school students that will inundate our colleges and universities in the 1960's. We are told that the institutions of higher learning, at the minimum, will have to double their enrollments to accommodate all who will be knocking at the door.

To help alleviate this situation at Georgia Tech, the Institute will upgrade its entrance requirements, beginning with the class entering school in 1959. The following requirements are outlined in the excellent Annual Report by President Harrison which was recently published:

1. For the freshman class entering in 1959, required courses in English will be increased from 3 to 4 units.
2. For the freshman class entering in 1960, $\frac{1}{2}$ unit of Trigonometry will be required in addition to 2 units of Algebra and 1 unit of Plane Geometry.
3. For class entering in 1961, one of the 2 units of science credit will have to be either in Chemistry or Physics.
4. For the class entering in 1962 $\frac{1}{2}$ unit of Advanced Algebra will be required.
5. For the class entering in 1963, both Chemistry and Physics will be required.

Through starting off with better qualified students, the mortality rate in the freshman class will be severely reduced. This reduction in turn will bring about a better ratio between the number of students who are freshmen and those who are upperclassmen.

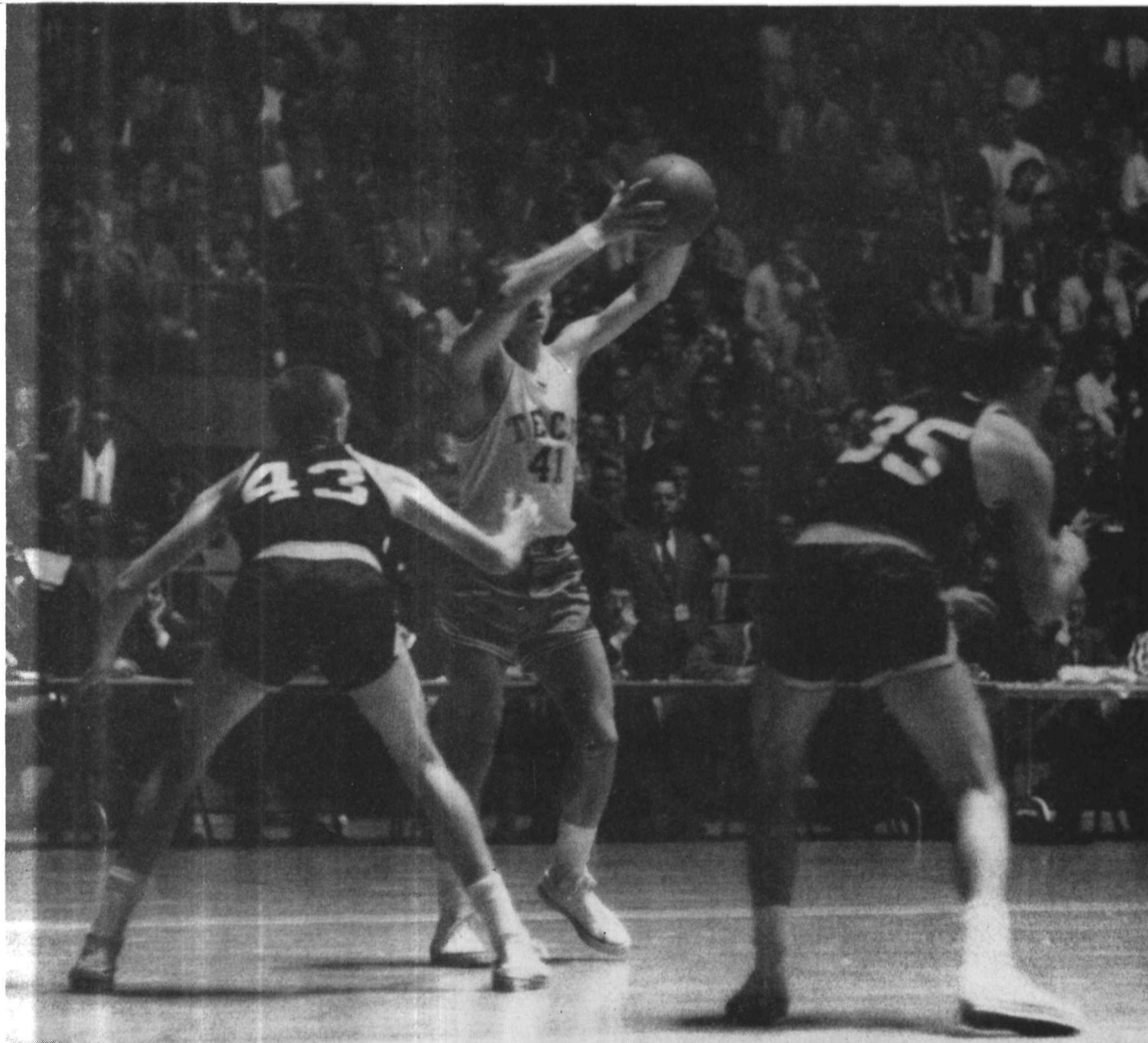
Thus, as President Harrison points out, it will be possible, over the next several years, to accommodate all qualified students who wish to enter Tech by increasing our enrollment by 50 per cent as contrasted with the 100 or more per cent figures that we read about.

The great new building program, now well underway at Tech, will enable the Institute to accommodate this 50 per cent increase with reasonable efficiency.

Sputnik was not responsible for these stepped-up requirements as this decision was made long before the space age was upon us. But, it is heartening to know that Tech will be turning out more and better-qualified graduates at the very time when scientists and engineers are needed the most.

John Staton

Tech Alumnus



Holding the ball and the attention of the crowd, the Duke gets set to start a play against Vanderbilt. Tech won it, 80-61.

THE CROWDPLEASER

The Duke is the man whom the fans come to the Alexander Memorial Coliseum to see

Photographed for the Alumnus by Bill Diehl, Jr.

DAVID "DUKE" DENTON is a basketball player by trade, an actor by inclination. The 6' 3" forward from Bowling Green, Ky. was one of the most sought-after high school athletes in a basketball-mad state during his high school career. But he is so wrapped up in the game that he has forgotten at times exactly why he's in college. Three times in three years, the Duke has been sidelined by scholastic difficulties. It has now reached the point that his most pressing ambition is to play one full season of college basketball. He has one chance left.

Like his boyhood idol, Tom Marshall of Western Kentucky and pro basketball fame, the Duke is an artist on the court. And, despite the fact that he is having for him what is considered a bad year, the Duke can still lift the crowd to its feet or make a team play above its head simply by doing what comes naturally.

Continued



At most every game, the Duke draws the assignment of guarding the enemy's tough man.

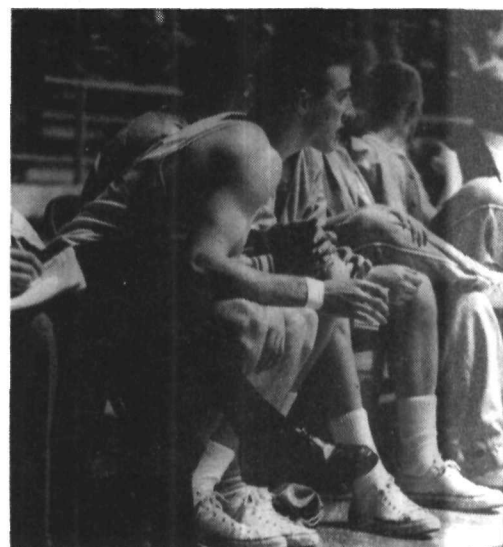
At least once a game, he steals the ball to make one of his patented drives to score.

The Duke is one basketball player with all of the moves



In Tech's recordbreaking 110-68 win over the Wyoming Cowboys the Duke leaps to score two.

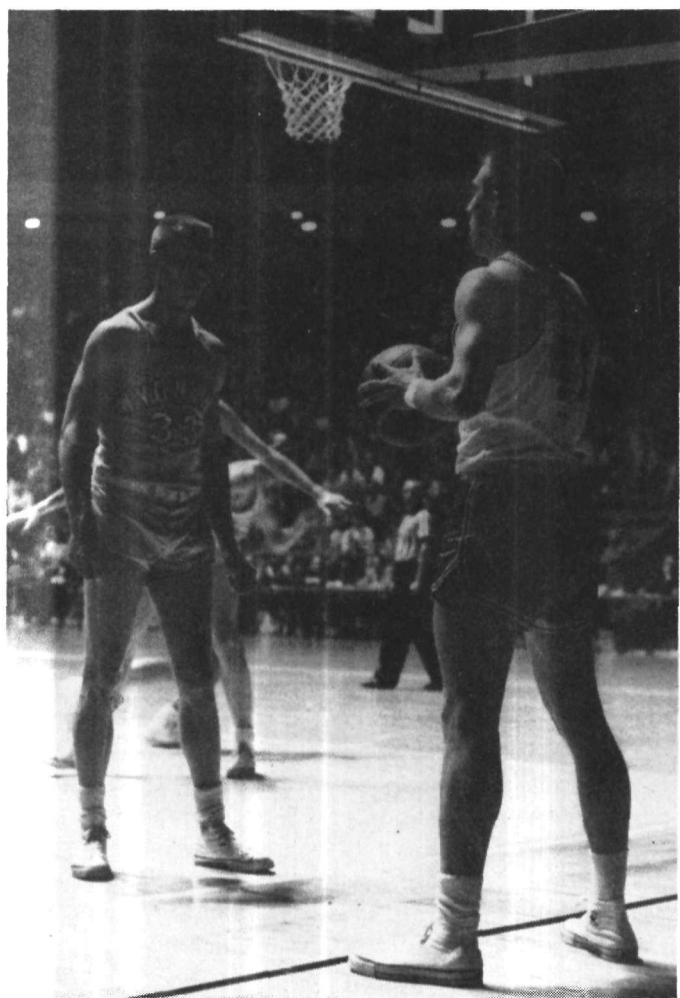
On the bench, he keeps his eye on the game while some of his teammates watch the crowd.



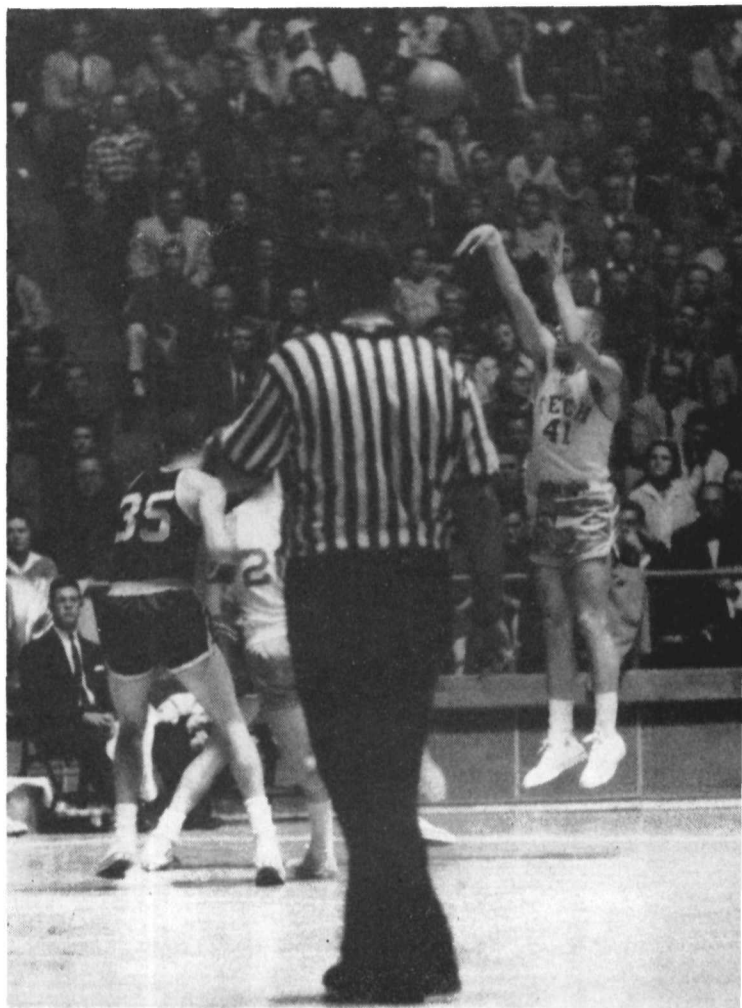
Duke's real value to the team is as a playmaker. Here against Vandy he tips a rebound to one of Tech's two great guards, Terry Randall (right) who got two points on the play. Both Randall and Bud Blemker have scored over 1,000 points in their 3-year careers at Tech. This year they have helped Tech to a 10-9 record by Feb. 3.



The Duke gets ready to start Tech's out-of-bounds play against Wyoming. Against Tech's first 17 opponents the Duke just wasn't his old self. But against Alabama at home, he suddenly came to life and lead Tech to a 66-55 win over the Crimson Tide.



Duke drops one against Vandy. A 10-point average shooter, he prefers to pass off to his teammates. Although against Tennessee, the Duke kept Tech in the game with 16 points in the first nine minutes of the game.



FRATERNITY DISCIPLINE TODAY

HOW THE DISCIPLINARY OBLIGATION toward fraternities is handled at one college may not fit into the pattern of another institution. The philosophy of discipline found at any college depends upon the general aims of the institution, and the attitude of the institution toward fraternities. In the literature of discipline, there are few studies which report the effectiveness of one type as compared with another type.

From my experience, I place concepts of discipline in four categories: the paternalistic, the authoritarian, the laissez-faire, and the positive philosophy of personalism.

Under the paternalistic philosophy, the administration regards fraternities as groups of children, inclined to mischief, subject to gentle scoldings and, perhaps, an occasional spanking, but never are the groups permitted to assume real responsibility. The usual reprimand is "Now, next time I'll . . ." Next time never comes, and the students soon realize this fact. Only when pressured will the admin-

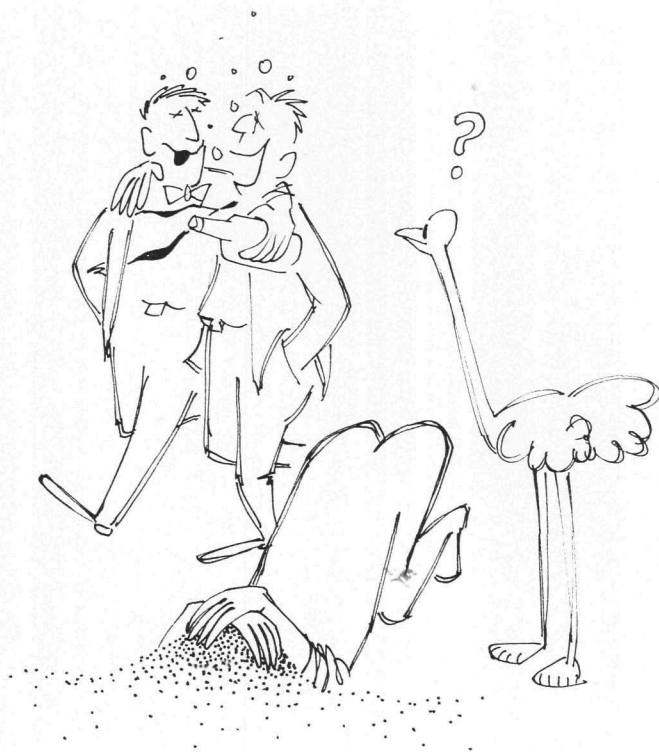
istrator mete out punishment, and then, without too much wisdom. The paternalistic administrator naively assumes that fraternity members, through repeating initiation vows, are somehow miraculously changed forever into responsible individuals. He is shocked and resentful when faced with reality.

Another college may attempt to fulfill its disciplinary obligation through an authoritarian philosophy. The so-called interests of the institution are the constant concern—What will the public think? What will the board of trustees do? What will the newspapers say? The institution thus expresses its own insecurity. A college president I know, says repeatedly, "This college is not a penal institution, a mental hospital, or a nursery—get rid of those not interested in securing an education." He means—get rid of those not conforming to his standards of conduct.

Discipline, under this concept, is punitive in nature. The theory is that through the fear of punishment, people will behave according to externally imposed standards. Actually, as we know, youth, as well as their elders, refuse to learn by example. They feel that stupid fools are the ones who are caught, not the real "stinkers," and that they are too clever to be caught. Under this concept of discipline, the observance of regulations often degenerates into a game between the administrative "cat" and the student "mouse." Usually, in this contest, the dean becomes a "rat."

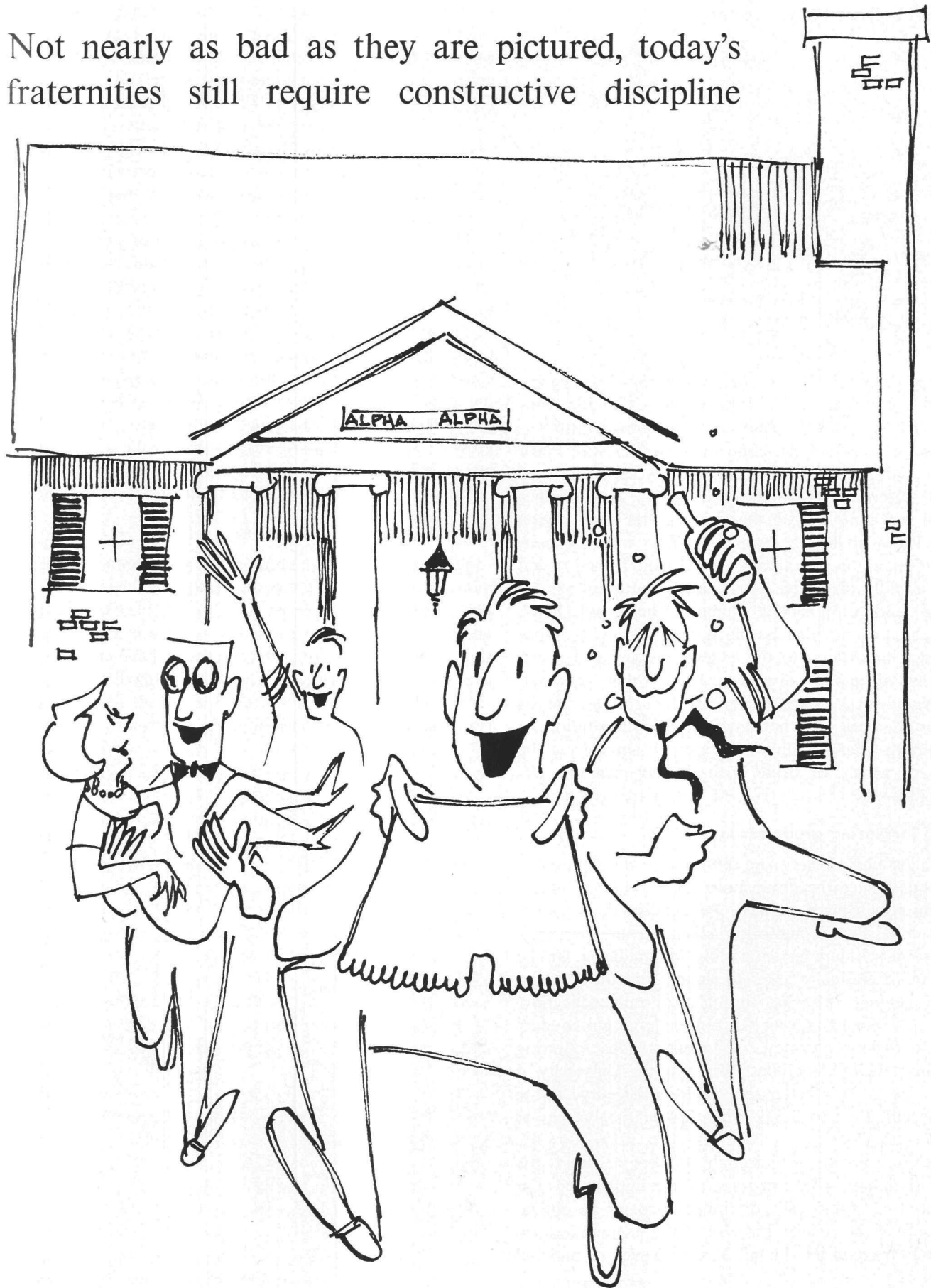
In the third category, I place the laissez-faire philosophy. In institutions following this philosophy, nothing much is done to prevent disciplinary incidents. Ostrich-like, the administration refuses to recognize potential dangers and, therefore, makes no attempt to anticipate them. This gives some administrators the comfortable feeling of sitting on a keg of gunpowder, awaiting the explosion which will surely come. When the explosion does come, punishment is meted out haphazardly and without much discrimination. And, back to a pleasant doze we go. In my fractured French, I believe that "laissez-faire," as applied to discipline, should be translated as both "fairly lazy" and "fairly lousy."

However, if the institution is seriously attempting to fulfill its basic purpose which it might call *education for life, educating the whole person*, or whatever words one finds to express this concern for the maturing of its students, that institution must consider discipline to be an integral part of its educational program. Discipline can not be considered merely a process of punishment and chastisement. Rather, discipline must be recognized as a process

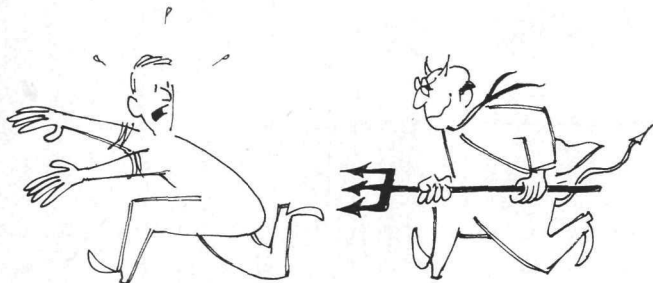


The "laissez-faire" system of discipline can be described as fairly lousy or lazy.

Not nearly as bad as they are pictured, today's fraternities still require constructive discipline



FRATERNITY DISCIPLINE continued



The authoritarian system usually means get rid of those not conforming to the standards.

of learning. And this brings me to my fourth category, which the late Dean H. E. Hawkes of Columbia University called the positive philosophy of "personalism."

If a college boasts of the contribution fraternities make to the life of its students, it assumes the responsibility of seeing that fraternities are intelligently, wisely, and humanely directed and controlled. If the ultimate aim of education is to develop a civilized person, discipline must be constructive. Today, the liberal arts, as you and I knew them, are being rapidly displaced by the increased emphasis on specialized and professional studies. The small living group, such as exemplified by the fraternity, thus becomes of increased importance to the college desiring to achieve this objective of personal discipline. Ideally, this "personalism" philosophy of discipline permits the college and its fraternities to work together towards the substitution of internal group responsibility for external authority. The ideal toward which we strive is the achievement of self-responsibility—the characteristic of the mature adult.

Assuming increasing group responsibility

This philosophy of discipline differs from the paternalistic philosophy since the group must assume increasing responsibility for its own conduct. Personalism is far more time-consuming than is authoritarianism because personalism requires much time for counseling and guidance. Unlike laissez-faire, it gradually helps to smooth out the ups and downs of student behavior through constant education. Personalism seeks to prevent the outbreaks of misconduct and the confusions common to student groups following laissez-faire policies. As Gilbert Wrenn of the University of Minnesota says, "It is better to straighten the curve at the top of the cliff than to build a hospital at the bottom of the cliff."

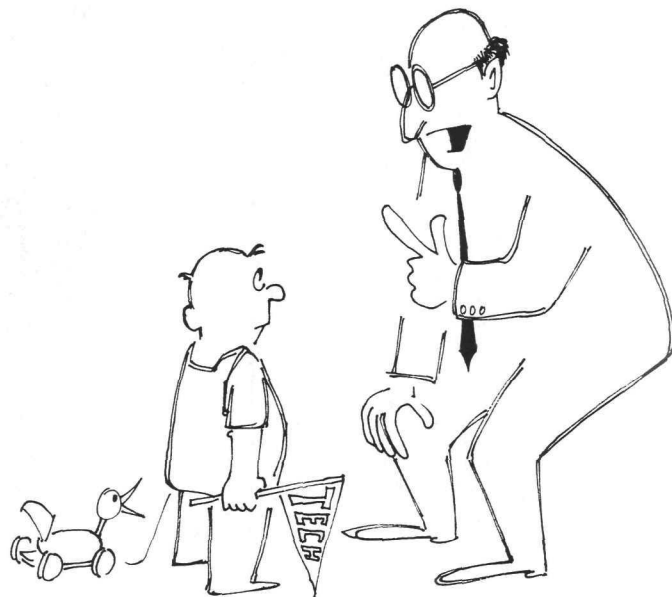
If the college accepts a philosophy of personalism as the basis for discipline, what are some of the implications for those concerned? Obviously, discipline becomes an obligation not only of the college, but also of the campus fraternities, its officers, and its alumni. Yes, and even of national offices!

We ask the college to look upon fraternities with great confidence and with a spirit of positive expectancy. We ask colleges to treat students as responsible individuals, and most of them usually respond as such. As Dean Fred Turner of the University of Illinois said several years ago, "What the institution expects of fraternities is that they be a part of the institution and live up to their stated purposes and objectives." When this is practiced, there is little discrepancy between the demands of the college and the actions of its fraternities.

The college needs to understand groups and the types of motivations which must be invoked if this philosophy of discipline is to succeed. Personalism requires consistency in the administration of discipline, in the interpretation of the code of conduct, and in the means of control. Continual effort is required. This concept is not easy to develop. Care must be exercised to maintain a balance between the integrity of the fraternity and the integrity of the campus community. As fraternities begin to give evidence of a growing sense of mature responsibility, the college must be willing to grant to fraternities an increasing share in determining and directing student standards of conduct.

The college administrator's responsibility

What are the implications in this philosophy for the administrator responsible for the fraternity life on the campus? It helps him to escape, in part, his role of executioner and to become a guide and teacher. Since fraternity leadership is forever changing, the process of education must be continuous. Groups must be continually challenged to mature in behavior, and it is true that not all fraternities are ready to assume responsibility. As fraternities become in-



The paternalistic philosophy of discipline means fraternities are regarded as children.

creasingly self-governing, the college administrator, along with the alumni, must guide the groups into making right choices. Guidance must replace authoritarian directing and commanding. Through counseling, each fraternity must be led to identify itself with the code of conduct of the campus and become convinced of the desirability of living within that code.

The frustrations of administration

The administrator must be prepared to meet frustration just as the good classroom teacher learns to accept unexpected failures. Sometimes, because of disappointments, or because of pressures, he will be tempted to modify his disciplinary ideals. Occasionally, he may even find it necessary to adopt, for the moment, authoritarian methods because drastic action becomes mandatory in reaffirming standards. Students must be helped to understand the difference between this type of action and punishment without explanation. Above all, the administrator must be fair, consistent, and constant in his efforts because the respect and confidence of his fraternities are essential. He must not leave himself open to the question, "Do you mean what you say, or are you just saying it because you feel you must?"

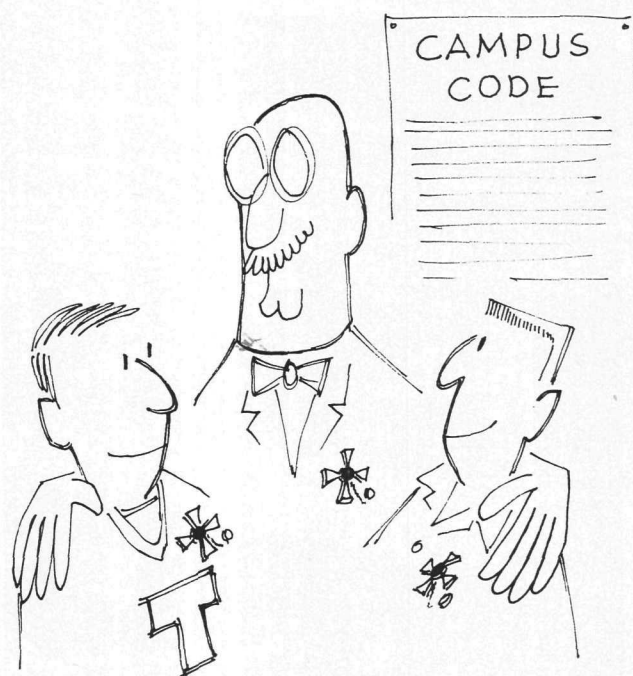
What obligations does this disciplinary philosophy imply for the chapters and their officers? They must show that they are maturely capable of accepting group-government and group-control. They must be willing to supervise and discipline their own members. Acceptance of this philosophy of conduct suggests many of the practices to be found in an academic honor system.

Fraternities must understand that self-government is a delegated privilege which brings with it responsibilities and accountability. Also, they must understand that the college cannot remove itself entirely from responsibility for student behavior. Failure to understand this can result in much ill-will.

Fraternities must realize that colleges cannot have two standards of conduct, one for fraternity members and another for independents. Too, it must be understood that each person belongs to several communities which vary in their standards of conduct and, often, put conflicting pressures for conformity upon individuals. Fraternity members must be helped to understand that they are first members of the campus community and must accept the standards of this community as antecedent to membership in the fraternity.

How the alumni can help discipline

What is the role of the fraternity alumnus? If the college is to successfully fulfill its disciplinary obligation by this philosophy, the assistance of responsible alumni is essential. The alumni must become an integral part of the disciplinary team and fully understand and accept the code of conduct of the campus. Not only must they have the confidence of the undergraduate members but the confidence of the ad-



Personalism requires consistency in the administration of any and all discipline.

ministration as well. Colleges must increasingly use alumni advisors if this form of discipline is to succeed. Alumni must have a part in the making of disciplinary policy, its interpretation, and its implementation. The alumni advisor must know his group intimately, know the varied backgrounds, mores, customs and standards of the chapter. Much more in the way of responsible alumni supervision will be required than some of the fraternities have provided in the past. Alumni must not wait until old Alpha Alpha is about to be kicked off the campus before becoming concerned about their chapter's conduct. There is no place here for the perennial sophomore who offers stereotyped lies of collegiate misconduct.

Acceptance of the philosophy of personalism may not provide the temporary efficiency given by authoritarianism. Mistakes must be recognized as something other than the basis for punitive action against the culprits. Neither should mistakes be excused by paternalistic forgiving. Rather, they should be used as steps leading to further development of discipline within the group involved. Occasional frustrations and disappointments must not blind one to the sense of accomplishment of the real purpose of education.

I feel that many of our colleges are already attempting to accept their disciplinary obligation through the practice of this philosophy of personalism. Admittedly, we still are using portions of other philosophies. Gradually, we can discard these with alumni cooperation. Increased and effective participation of alumni will make positive contributions in the development of responsible chapters. Ideally, by means of personalism, discipline will become an important factor in achieving the educational aims of the college as well as the objectives of fraternalism.



At 7:57 A.M., three minutes before the official opening, the Library's choice seats next to the windows are already filled.

THE 16-HOUR DAY

Two-thirds of each day, Georgia Tech's Price Gilbert Library serves as the students' favorite retreat for studying, reading or just resting.

"THERE'S ONE THING you have in your library that we certainly don't have in ours," the chief librarian of another college recently told Mrs. Dorothy Crosland, head of Georgia Tech's Price Gilbert Library.

"What's that?" asked Mrs. Crosland.

"Students," was the rather dismayed answer.

It is a well-known fact that the library is often a dingy, dull place—the last place in the world to find a college student hard at work. At Tech things are different. Georgia Tech's world-renowned library has students—students by the score. As a matter of fact, its crowded reading rooms

are part of its personality; and let it be known now, a library may be inanimate, but it does have a personality.

"Our library is not a laboratory," says Mrs. Crosland. And therein perhaps lies the secret. In a fine arts or liberal arts school, the library frequently takes the place of the laboratory. Not so at Tech.

The personality of the Price Gilbert Library is varied and perhaps a little incongruous: It is frivolous, yet quiet; ornate, yet simple; grand, yet basic. It is as plush in some respects as a movie set (thanks to the late Judge Price Gilbert who directed that all money he gave the library

must be used to beautify the building), yet as direct as a dueling foil.

On any given day, you might find a graduate engineer studying furiously over the latest reports of the Atomic Energy Commission seated next to a freshman who has succumbed to the initial rigors of Tech and is sound asleep at his desk. In the music room, a student unravels calculus problems to the beat of Dave Brubeck's *cool* sounds, while in the next room another listens intently to Van Cliburn's latest recordings.

In the basement, a retired gentleman patiently deciphers into English, a new set of Russian books, while one floor above a professor takes time out to read the drama section of *The New York Times*.

The library's 200,000 volumes and periodicals offer all things to all men—and there are plenty to take advantage of the offer here at Georgia Tech.

On a recent January morning when Bob Smith, one of the library assistants, arrived at 7:48 a.m. to unlock the doors, half a dozen students huddled against the building in the pre-dawn darkness waiting to get in. Another half dozen were at the front door. As Smith flipped the dozen or so light switches with a rapid dunk, dunk, dunk that

sounded much like a geiger counter clicking off its ominous signal, three students were already in line at the card catalogue, checking out books. Within 15 minutes, seats were hard to find in the main room, and by 8:20 a.m., it was crowded. With the exception of two one-hour periods it stayed like that until the lights were flicked off at a somewhat subdued pace at 11:38 p.m. At one period in mid-morning a young coed had to take refuge on the couch in the basement entrance hall because it was the only seat available. During finals, it is not uncommon to find students lined up, waiting for an available table.

Perhaps one reason for the popularity of the library is that it is a pleasant place to be. It is modern and bright and roomy. The stacks are convenient to the tables—only a few steps away. There are no attendants tip-toeing around tapping dozing students on the shoulder to keep them awake, no guards at the doors, no thick screens over the windows. In a school where the slide rule is an emblem of belonging, it is a welcome oasis.

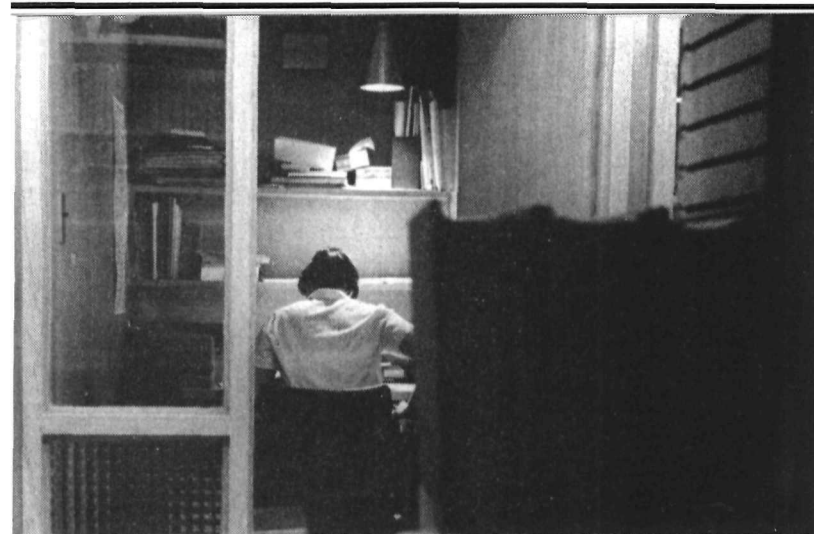
And, as the pictures on the following pages show, it is an oasis that gets a great deal of use for 16 hours a day, four days a week, plus 10 hours a day on Friday and Saturday and even four hours every Sunday. *Continued*

And at 11:15 P.M., students are still studying at the window seats of both the first and second floor of Tech's modern library.

Photographed for the *Alumnus* by Bill Diehl, Jr.



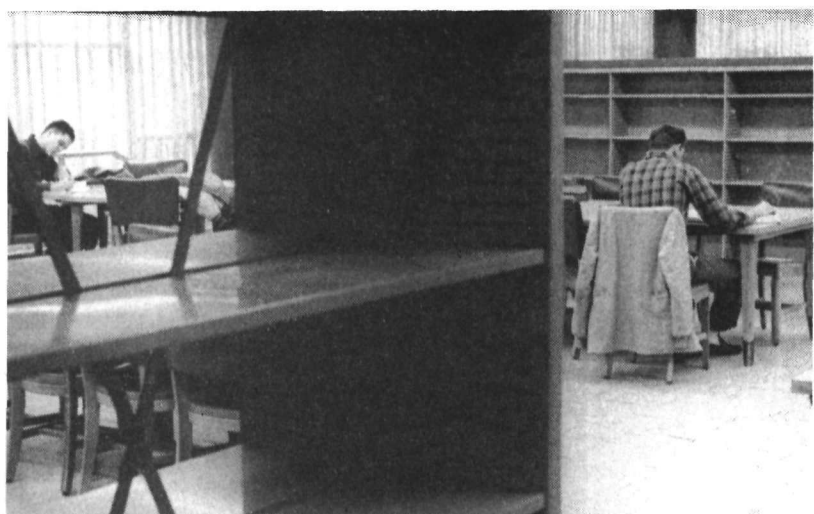
For the student it is
a place to study or relax



In one of the special carrels provided for graduate students and staff members who have no office, a member of the Industrial Development staff works on a problem.



While in the music room, one of the most popular in the library, two students relax to the strains of Dave Brubeck while fighting the problems of differential equations.



And in one of the Library's rooms still empty of books, two students find a retreat where they can study for a coming quiz.



At one of the tables on the first floor, a Tech coed, slide rule at hand, works out one of her daily assignments in peace and quiet.

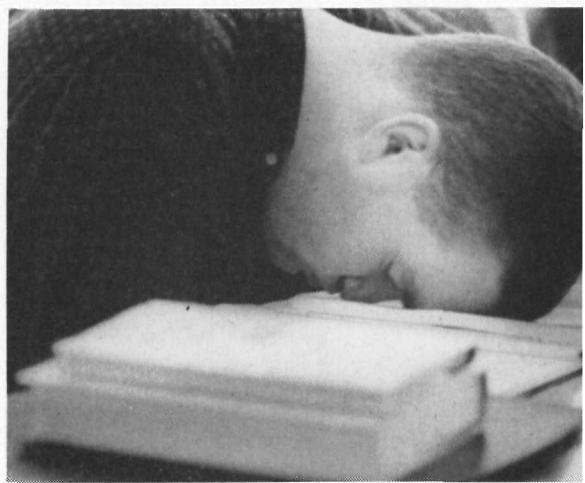


A student stops by the front desk to get some information on an author who "signs his checks with a different name than the one he uses when he writes a fiction book."

And another student gets comfortable on one of the couches as he reads a book. The social science and fiction sections are the most popular in the Price Gilbert Library.



In the Atomic Energy Commission's fourth-floor depository, a graduate student reviews a paper while listening to a pocket radio.



And still another student, exhausted from studying, falls on his books, sound asleep, and his daily problems momentarily vanish.

LIBRARY continued



In the basement of the Library, a staff member prepares books for an outgoing shipment.

Chief music librarian Mrs. Charles Pottinger files one of Tech's many albums.



While another staff member cuts master catalogue cards on the Flexiwriter which in turn is used to make the seven to 12 cards needed for each new book in the library.



Maps and patents Librarian Safford Harris works at one of the map tables in the expansive map room located on the third floor.



**For the staff
it is a place of
a variety of jobs
and interests**



While in the Wilby Room, located in the basement, Engineering Experiment station Publications Assistant Cecil Phillips confers with Mrs. Kitty Hook, library secretary, on the proper arrangements for the room for a January meeting of the Inter-service Committee on Technical Facilities of which Georgia Tech is a very active member.



LIBRARY continued

Its director is a woman in a world of many men

◀ Director of Libraries Crosland spends a great deal of her time with the students: "This library belongs to the students. Anything we can do to help them in their search for truth is more than worthwhile to us."



"It's amazing, but we have very little trouble with theft in this library. At one of the big Eastern schools they have to send trucks by the dormitories and fraternity houses each year to pick up the stolen books."



"We will never have bars on the windows or sealed shelves or guards at this library as long as I am here. The only rooms we keep under lock and key are the archives."



"During the finals this place is so crowded that several students always end up in my office studying on the floor. Our attitude is one reason why this library has students."



"Tech's staff is always coming up with something new for the library. This is a combination thermofax machine and automatic paper dispenser developed by Bob Kyle of the Experiment Station and some of our people."

"Our main display room always has something in it. Today, it's a GE Atomic exhibit. In the past we've had some rare exhibits for a library including a 23-foot sailboat."



With the Clubs...

MEMBER



CHATTANOOGA, TENN.—Ice and snow on the mountain roads cut down attendance at the December 13 dinner-dance of the Chattanooga Club to only 69 persons. Over 160 reservations had been made for the big party. Special guests of the club were Coach and Mrs. Bobby Dodd, who were presented with a Tennessee country ham. Out-of-town guests included Mr. and Mrs. George Humphries, Mr. and Mrs. Ted Smith, and Mr. George Corn.

Present officers of the club include Ralph Heard, president; Paul Shoun, vice president; Hal Graham, treasurer, and Bob Randolph, secretary.

* * *

CHICAGO, ILL.—Dean George Griffin and Alumni Secretary Roane Beard were the feature speakers at the December 5 meeting of the Chicago Club. Dean Griffin related some of his famed stories of Tech characters and, on a more serious note, urged all practicing engineers to make application for listing in "Who's Who in Engineering," pointing out that it will enhance their own careers as well as aid Georgia Tech. Ben L. Crew presided at the meeting at which the following officers were elected: Jack L. Ware, president; Leonard J. Daniel, vice president; John W. Dixon, secretary; and John McGregor, treasurer.

* * *

DAYTONA BEACH, FLA.—The Daytona Beach Club held an impromptu dinner meeting on January 13 with 15 alumni in attendance. Roane Beard and Bob Eskew, who were attending an American Alumni Council Conference in Daytona Beach, were the guest speakers. Lou Fuchs presided over the business meeting at which the following officers were elected: Thomas H. Mitchell, president, and

John L. Tennent, secretary-treasurer.

* * *

KINGSPORT, TENN.—The winter meeting of the Kingsport Club was held on December 3. President Bill Snyder conducted the business meeting at which the following officers were elected for the coming year: George Clark, president; Cliff Boswell, vice president; George Mayfield, secretary-treasurer; and P. C. Underwood, director. Special feature of the meeting was the showing of the Georgia Tech-Clemson football game film.

* * *

PENSACOLA, FLA.—Athletic Association Business Manager Howard Ector spoke to the Pensacola Club at its November 15 meeting honoring Tech athletics. Special guests at the meeting included the coaches from Pensacola area football teams and some of the outstanding players from the area. Officers elected at the meeting included Charlie Redford, president; Harvey Lester, vice president; Johnny Hunsinger, secretary; and Willie Dunn, Treasurer.

* * *

PITTSBURGH, PA.—At its fall meeting, the Pittsburgh Club elected the following officers: William W. Mitchell, president; Robert S. Holmes, vice president; and Louis S. Chambless, secretary.

* * *

WINSTON-SALEM, N. C.—The Winston-Salem Club held its annual business meeting on November 21 and elected the following officers for the coming year: Roy Choquette, president; Earl Rutherford, vice president; Millard Hodge, secretary; and Bob Schutlz, treasurer. Presiding over the meeting was President Troy Hill.

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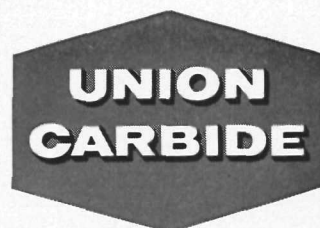
Unlocking the secrets of the universe

Amazing textile fibers spun out of natural gas . . . wonder drugs squeezed from coal . . . shining stainless steel forged from drab, brownish earth. These man-made marvels were born in the minds and hands of research scientists.

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...a hand
in things to come



Part of the crowd that attended the dedication of Tech's new Radioisotopes and Bioengineering Building (background). Speakers included former Governor Marvin Griffin.

The dedication of the Radioisotopes and Bioengineering Laboratory heralds the

BEGINNING OF THE NUCLEAR ERA AT TECH

GEORGIA TECH'S new \$500,000 Radioisotopes and Bioengineering Laboratory—first of the Institute's major nuclear facilities—was dedicated on Wednesday, January 7. The special exercises, presided over by President Harrison, were held at the site of the new structure, corner of 6th and Plum Streets.

Completely air-conditioned, the new laboratory contains 16,000 square feet of floor space devoted to research and instruction. The building was designed with two basic uses in mind: laboratory instruction and research. In order to provide for these uses, special facilities were included, such as: a subcritical assembly, a 1,000,000 volt Van de Graaff accelerator, a radioactive waste disposal with automatic controls, ade-

quate storage facilities for radioisotopes to serve the Atlanta area, and many other modern facilities for use by graduate students and staff members engaged in study or research involving radioisotopes and neutrons.

The new laboratory was financed through an initial grant of \$300,000 from State surplus by former Governor Marvin Griffin and through subsequent grants of \$125,000 by the National Institutes of Health and \$69,500 from the Georgia State Board of Regents. Equipment grants totalling approximately \$250,000 are now being received by Georgia Tech from the Atomic Energy Commission for use in the laboratory.

Under the coordination of Dr. Fred Sicilio, personnel organization has been

about completed to take care of such special areas for education and research as radiation chemistry, radiochemistry, nuclear chemical engineering, radiation biology, engineering materials in nuclear engineering, nuclear physics, neutron and reactor physics, aerobiology, and public health.

SREB Building Dedication

Another new addition to the Tech campus—although not an official Georgia Tech building—is the permanent home of the Southern Regional Education Board which is marking its 10th year of service to the region this year. The SREB moved to its new headquarters at 6th and Techwood in January thanks to the efforts of former Governor Marvin Grif-

fin and the Board of Regents. As a result of a Governor Griffin proposal, the State of Georgia allocated \$250,000 to the Board of Regents for the construction of the building, whose title is vested in the Board of Regents. The SREB will be assessed \$10,000 annually by the State of Georgia for 25 years, after which the building will be occupied rent free.

The SREB was formed in 1948 to avoid unnecessary duplication—to save time, money and energy while increasing the educational opportunities for Southern men and women. Georgia was among the original signers of the inter-state agreement, now approved by 16 Southern states, which created the regional educational organization.

Georgia Tech has worked with the SREB in several ways during the past ten years.

Director Paul Heffernan of the School of Architecture helped to plan and execute a survey of the architectural education in the South to determine whether or not Tennessee should build a school of architecture. The survey determined that architectural education in the region and the State of Tennessee would be better served if Tennessee students attended Georgia Tech's School of Architecture under the SREB's student aid contracts. In 1957-58, 16 students from Tennessee attended Georgia Tech's School of Architecture through student aid contracts. About the same number are in school again this year.

In February, Georgia Tech representatives will participate in a meeting to discuss the possible use of the nuclear re-

actor on the Tech campus for medical research. Other participants will be deans of medical schools in the neighboring Southern states, and representatives from hospitals and government agencies.

Dr. Nahum Medalia, assistant professor in the Department of Social Sciences at Tech, received a research fellowship from the SREB last year. He is currently working on a study to determine the professional values of engineers and their relation to the engineering curriculum.

Georgia Tech has recently joined the SREB Regional Committee of Statistics, a group representing 12 Southern colleges and universities which work together to plan their graduate statistics programs so that there is a minimum of duplication in the various curricula.

Tech is one of seven universities in Alabama, Georgia and Florida which are working together informally to explore the possibility of using educational television in their own states and in a tri-state system.

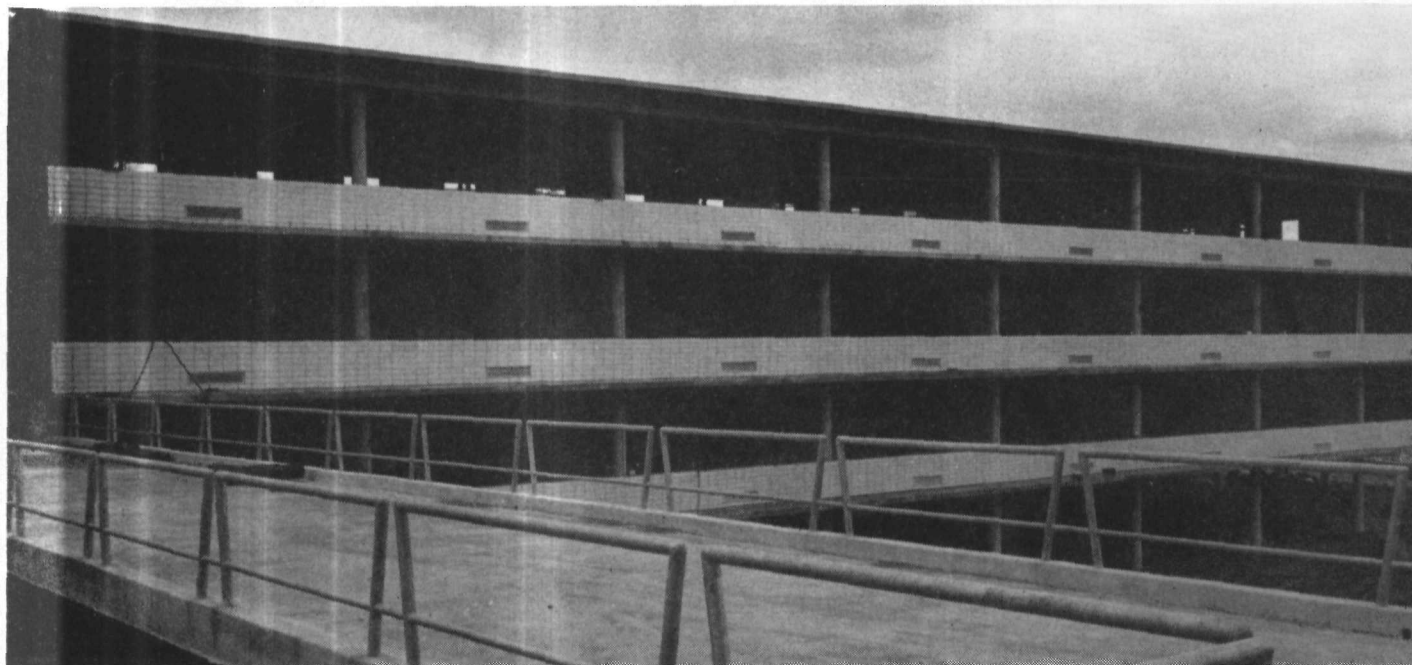
Tech is one of three schools which have signed a Memorandum of Agreement in city planning, a joint effort to meet the regional needs for more city planners.

Tech is a member of the Southeastern Interlibrary Research Foundation which is made up of university libraries in Georgia and Florida. They cooperate in the use and development of research materials. Tech has recently participated in the compilation of a Southeastern supplement to the Union List of Serials, which was done under SREB auspices.



The new SREB Building located on the Tech campus was dedicated on Dec. 15, 1958.

Next in line for dedication is Tech's new Classroom Building. Estimated date: July.



News of the Alumni

BY CLASSES



'04 *Frank H. Neely* has been awarded a gold medallion by the ASME commemorating his 50 years of service to the society and the engineering profession. He began his engineering career with Westinghouse in 1915, later going with Fulton Bag & Cotton Mills. Mr. Neely joined Rich's in 1924 as director and general manager. He has since served the store as executive vice president and secretary, president, and now chairman of the board.

'14 *F. C. Gaines*, EE, appliance repair superintendent in the Georgia Power Company's Macon Division, has retired.

'16 *C. Gale Kiplinger*, ME, retired in November after 36 years with the National Aniline Div-Allied Chemical Corp. He was Tech Council president in 1955-56

and is active in many civic affairs. Mr. Kiplinger is now supervising the planning and construction of a new building for his brother's organization, "The Kiplinger Washington Editors." His address is 1729 H St., N.W., Washington 6, D. C.

'18 *James S. Budd, Jr.*, EE, has retired as vice president of the Citizens & Southern Bank in Atlanta. He had been with the bank since 1934.

Hal Reynolds, of 1355 Peachtree St., N.E., Atlanta, Georgia, died December 12 in an Atlanta hospital. He had been an executive in the advertising and publishing business until his retirement several years ago, due to ill health.

James W. Vaughan, Jr., ME, head of James W. Vaughan Co., transmission power equipment firm, died December 19 of a

heart attack. He is survived by his widow, who lives at 210 Tindal Ave., Greenville, S. C.

'22 *Ward Brooks*, district manager in charge of the structural steel dept. of Ingalls Iron Works, died November 25 of a heart attack. He is survived by his wife and son, both of Decatur, Ga.

'23 *Walter M. Mitchell*, TE, has been re-appointed Class C director of the Federal Reserve Bank of Atlanta and chairman of the board of directors. Mr. Mitchell is vice president of the Draper Corp. of Hopedale, Mass.

'26 *Lawrence Lowe McCullough* died December 12 in an Atlanta hospital after a brief illness. He was secretary and trust officer of the Trust Company of Georgia in Atlanta. His widow lives at 3160 West Andrews Dr., N. W., Atlanta.

'27 Married: *Dr. J. Kelvin Bleich*, Ch.E., to Mrs. Leaveda Jund Dec. 19. They live at the Biltmore Apartments in Atlanta.

Cecil A. Jamison died Jan. 18 in Ocala, Fla. During his business career he had been with the Chase National Bank in New York, Texas Oil Co. in New York and Atlanta. At the time of his death he was with the Akers Transport Co.

Jesse R. Adams, CE, has been appointed manager of the Dallas Branch of American Surety Co.

'28 *Walter S. Bell*, GE, manager of the Florence Coca-Cola Bottling Co., died unexpectedly December 17 at his home. He joined the Coca-Cola Co. in Atlanta in 1929 and for 12 years was with the fountain sales department in the south. His widow lives at 1006 Jackson Rd., Florence, Ala.

'29 *James F. Beall, Jr.*, CE., of Evergreen, Colorado, has sold his consulting engineering and land planning practice and will serve the new firm, Beall & Keck, on a part-time consulting basis.

'31 *Carl V. Cesery* has been installed as president of the Tile Contractors Association of Duvall County in Jacksonville, Fla. Mr. Cesery is president of the Jacksonville Tile Co.

Charles W. Cravens, ME, has been named manager of the Cleveland, Ohio steel plant of Republic Steel Corp. He was assistant district manager prior to this appointment.



President Edwin D. Harrison presided over a short ceremony dedicating the plaque shown in the foreground at the Alexander Memorial Coliseum on December 11, 1958. The plaque was designed by Julian H. Harris, '28, was unveiled by Miss Margaret Hurst, granddaughter of Coach Alex, after remarks by President Harrison and Coach Dodd.

His home address is 24525 Oakland Rd., Bay Village, Ohio.

Dr. Ralph M. Hill, Chem., has been appointed a senior research associate with Esso Research and Engineering Co. in Linden, N. J. He is head of chemicals information in the firm's technical information division.

'34 *Howard B. Johnson*, Com., president of Atlantic Steel Company, has been named to the board of directors of the American Iron & Steel Institute.

Thomas C. Law, Jr. has been named Coca-Cola Company Southwestern regional manager for bottler sales development with headquarters in Dallas. He has been with the company since 1933.

'35 *Charles N. Dannals, Jr.*, president of the Atlanta Milling Co., was elected to the board of directors of the American Feed Manufacturers Association recently.

Born to: *Mr. and Mrs. Roy Richards*, ME, a son, Roy, Jr., December 19. Mr. Richards is president of Richards & Associates, Inc., and the Southwire Co., both of Carrollton, Ga. Mr. Richards is a member of the board of trustees, Georgia Tech National Alumni Association.

Charles R. Yates has been elected president of the Y.M.C.A. of Metropolitan Atlanta, Inc.

'37 *Col. Sam R. Young*, CE, is Deputy Chief of Staff for installations at Randolph AFB, Texas.

'38 *Jack Chivington*, TE, has been named vice president of the Wiscasset Mills, a subsidiary of the Cannon Mills, Inc.

'39 *Eugene Branson Slaten* died Dec. 26 at his home, 877 Virginia Ave., Hapeville, Ga. He was club manager at Judy's Lake at the time of his death.

'42 *Ivan G. Potts* has joined the Curafos sales force of the Calgon Co., division of Hagan Chemicals & Controls, Inc., Pittsburgh. He will specialize in customer service.



William I. (Pat) Reilly, CE '16, was honored at a special retirement dinner by officials of the DuPont Company in Chattanooga, Tenn. in December. Reilly, for 20 years the plant manager of the Cavalier Corporation in Chattanooga, retired on December 31. He joined the company in 1923 in the appliance division. He plans to spend his future winters in Florida (Sarasota) and the other nine months of the year in Chattanooga. Reilly is a Deacon in Chattanooga's First Presbyterian Church. He is married to the former Dora Hurst of Chattanooga.

'43 *Hugh Armstrong*, ME, has been elected president of the Savannah, Georgia Home Builders Association.

William C. Caye, Jr., ME, president of the W. C. Caye & Co., equipment contracting company in Atlanta, was killed in an automobile accident January 6 near Forsyth, Georgia. He is survived by his wife, son, W. C., III, daughter, Catherine, all of 4777 Rebel Trail, N.W., Atlanta; parents and two brothers.

Born to: *Mr. and Mrs. Jack Marshall*, a son, William A., December 13. Jack is Southeastern Regional Manager, Commercial Division at Minneapolis-Honeywell Regulator Co., in Atlanta.

William Stein has been elected a vice president of the Touchdown Club of New York.

LeRoy A. Woodward, Phys, has been made Director of Research of Scripto, Inc. in Atlanta. He joined the company in 1955 after serving 8 years on the Georgia Tech faculty. He lives with his wife and 2 sons at 834 Oakdale Rd., N.E., Atlanta.

'45 *John E. Aderhold*, EE, recently returned from London, England, where he was managing director of Scripto Pens, Ltd. He is now vice president of Scripto in Atlanta. His home address is 3112 Argonne Rd., N.W., Atlanta.

Mr. and Mrs. Frank M. Tuttle, EE, announce the adoption of a son, Steven, on November 28. He was born August 22. The Tuttles live at 3970 Denwood Dr., Indianapolis 18, Ind.

'46 *Montague L. Boyd, Jr.*, IM, manager of D'Arcy Advertising Company's Atlanta office, has been named a vice president of the company. He is account executive on the Nehi Corporation account.

Burton B. Crocker, Ch.E., has been appointed a technologist with Monsanto Chemical Company's Inorganic Chemicals Div. at St. Louis.

'48 Born to: *Mr. and Mrs. John Robert Bell*, IM, a son, John Robert, Jr., December 15. Their home address is 2503 B Morosgo Pl., N.E., Atlanta, Ga.

ENGINEERS PHYSICISTS MATHEMATICIANS

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It stands to reason that the biggest field for advancement lies where the biggest programs involving advanced technology are under way.

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For further information, write to Mr. C. C. LaVene, Douglas Aircraft Company, Inc., Santa Monica, California. N Section.



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The Tech and Georgia Cross Country teams of '24, '25, and '26 held a special reunion in Athens on November 29, 1958, commemorating the cross country meet between the two schools in 1924 which resumed athletic relations after the famous break between Tech and Georgia. Front row (L to R) Thomas H. Mitchell, T '25; Dean George Griffin, Tech Coach '24 team; Dean William Tate, G '24; Bob Young, G '24. Back row (L to R) George R. Morgan, T '26; E. D. White, T '28; Francis M. Daves, T '26; Richard N. Fickett, T '27; Bruce Fant, G '25; and Vince Connerat, G '25.

News By Classes—continued

Robert A. Harden, Jr., TE, is with Eastern Engineering Co. in Atlanta as a textile engineer and consultant. He was formerly with Fieldcrest Mills in Spray, N. C. His address is 2394 A Adina Dr., N.E., Atlanta, Ga.

'49 *Lewis C. Emerson, EE*, of Oak Ridge, Tenn., is on the last lap of a trip around the world. He has just completed a lecturing assignment in Bombay, India, sponsored by the World Health Organization. On his return trip he will fulfill several lecture engagements. He lectured in Brussels, Belgium last fall. Mr. Emerson is in charge of one section of the Research Lab at Oak Ridge. He is the son of L. A. Emerson, '07, of Columbia, S. C.

William H. Flury, IM, national product sales manager for margarines and oil, Kraft Foods, Chicago, has been elected to the board of directors of the National Association of Margarine Manufacturers. He has been with Kraft for ten years. Mr. and Mrs. Flury and their two sons live at 3501 Forest Ave., Wilmette, Ill.

Born to: *Mr. and Mrs. M. H. Mooney, Jr., EE*, a daughter, September 10. Mr. Mooney is plant manager of Southern Bell in Gainesville, Ga. Their home address is 775 Hollywood Circle, Gainesville.

Col. Charles G. Renfro, US Army, EE, recently received a Commendation Ribbon in Arlington, Va. for meritorious service from March, 1957 to December 1957 while assigned to the National Security Agency.

'50 Born to: *Mr. and Mrs. Henry A. (Archie) Corriher, Jr., Math*, a daughter, Lisa Ann, December 5. Archie is a special research engineer with the Georgia Tech Experiment Station. Their home address is 595 McAfee St., N.W., Apt. 25, Atlanta.

Dr. Alan C. Kolb, Phys., delivered a paper at the second United Nations International Conference on Peaceful Uses of Atomic Energy in Geneva, Switzerland in September. He is on the staff of the Naval Research Lab in Washington, D. C. Dr. Kolb's paper was on high temperature physics.

Born to: *Mr. and Mrs. C. D. Quarles, Jr., TE*, a daughter, Barbara Lynn, December 15. Their home address is 2403 Catillion Rd., Jacksonville 11, Fla.

Henry S. Black, EE '41, has been appointed as director of the DataTape Division, Consolidated Electrodynamics Corporation. For the past five years, Black has been manager of CEC's Southwestern Regional Sales Office in Dallas, Texas. He joined the company in May, 1953, as an application engineer, after spending seven years as an aeronautical research scientist with the National Advisory Committee for Aeronautics, now the National Aeronautics and Space Administration.

Born to: *Mr. and Mrs. Robert J. Rooks, Ch.E.*, a son, Thomas Preston, January 11.

Walter L. Tally has been elected president of the Home Builders Association of Metropolitan Atlanta.

J. D. Walton, Jr., CerE, and *N. E. Poulos, '52*, are co-authors of a technical paper appearing in the January issue of The American Ceramic Society Journal. The article is entitled "Cermets from Thermite Reactions." Both men are employed by the Ceramics Section of the Georgia Tech Engineering Experiment Station.

'51 *William F. Robertson, Jr., IM*, is with the City Products Corp. of Chicago. He is on a training program in Columbus, Ohio. Mr. Robertson's address is 815 Wedgewood Dr., Apt. 3, Columbus, Ohio.

'52 Born to: *Mr. and Mrs. Allen D. Layson, ME*, a son, Charles Allen, Sept. 19. Mr. Layson is a design engr. at Southern States Equipment Corp., Hampton, Ga.

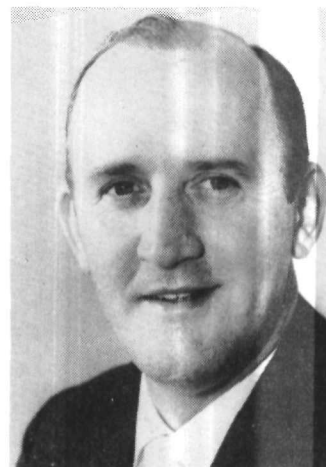
James E. Murphy, Jr., TE, is a sales representative with Tennessee Eastman Co. He was recently transferred by the company from Greenville, S. C. to New York City. The Murphys and their 2 sons live at 133 E. Hartsdale Ave., Apt. 1a, Hartsdale, N. Y.

N. E. Poulos, CerE, and *J. D. Walton, '50*, are co-authors of a technical paper appearing in the January issue of The American Ceramic Journal. The article is entitled "Cermets from Thermite Reactions." Both men are employed by the Ceramics Section of the Georgia Tech Experiment Station.

'54 Married: *Russ Leverette, IM*, to Miss Jan Bryson, Dec. 31. Russ is on the I.M. faculty at Georgia Tech.

Born to: *Mr. and Mrs. William C. Morrison, IM*, a daughter, Leslie Ann, Nov. 13. Mr. Morrison is with Allis-Chalmers Mfg. Co. Their home address is 1432 Wembley Dr., Charlotte 5, N. C.

Born to: *Mr. and Mrs. Joseph Frederick Mullins, IM*, a son, Paul Gordon, Dec. 26. Mr. Mullins is plant technician at the Du-



What Will Tomorrow's Telephones Be Like?

This country is going to be needing a lot more communication service in the years ahead. Matter of fact, the need is with us right now.

Just the great increase in population (there will be 40,000,000 more people in the U. S. by 1970) means that we'll be stepping right along to keep ahead of our customers' needs.

The greatest progress will come, as it always has, from the Bell System's unique concept of unified research, manufacturing and operation that has given this country the best telephone service in the world.

A vital part of this concept is always to look ahead and not back. Many new things are already at hand or in sight.

New instruments will provide an ever-widening choice for our customers. Improvements in transmission and the development of electronic switching will make our services faster and more versatile.

There are some tremendous possibilities in the use of telephone facilities for enabling business machines



PICTURE OF TOMORROW. Will tomorrow's telephones be smaller and lighter and specially designed for each room? Will the dial, mouthpiece and receiver all be in the unit you hold in your hand? Will you be able to get your party just by pushing buttons, instead of dialing? We're working on many types and testing them at Bell Laboratories and in homes and offices.

to communicate with each other—no matter how many miles apart. Great volumes of data of all kinds can be transmitted automatically over telephone lines at high speed.

We also have the prospect of providing picture channels for many purposes, in addition to the present networks for television broadcasting.

How far we go, and what we are

able to do, depends on money. To make the best progress and apply it to the greatest advantage of everybody, the Bell Telephone Companies must be in good shape financially.

In all lines of business it is the companies whose earnings are good that are able to make the best products, provide the best service and give the best values.

BELL TELEPHONE SYSTEM





C. Buck LeCraw, IM '42, Atlanta Manager of the State Life Insurance Company of Indiana, was the 1958 winner of the coveted "Number One" position in the company's "Big Ten" leaders of the President's Club. LeCraw also qualified for membership in the Million Dollar Round Table according to the announcement made by the company's director of agencies, Dihl H. Lucas.

News By Classes—continued

Pont Trail Ridge Plant in Starke, Fla. Their home address is P.O. Box 234, Keystone Heights, Fla.

Married: *William David Potts, Jr.*, IM, to Miss Wynelle Teer, Jan. 24. Mr. Potts is with the U.S. Steel Co. in Atlanta.

Engaged: *William Elliott Simpson, Jr.*, ME, to Miss Martha MacDonald. The wedding will take place March 1. Mr. Simpson is a test requirements engineer at Lockheed Aircraft in Marietta, Ga.

'55 *Darryl C. Aubrey*, Ch.E., has been promoted to assistant Chemical Engineer in the Technical Division at Humble Oil & Refining Company's Baytown, Texas refinery. His address is 421 No. Burnet Dr. in Baytown.

Born to: *Mr. and Mrs. James R. Holland*, CE, a daughter, Jacquelyn Ann, Dec. 31. Mr. Holland is Assistant City Engineer in Athens, Ga. Their address is 139 Pinevalley Pl., Athens.

Born to: *Mr. and Mrs. Al Leary*, Ch.E., a daughter, Laura Elizabeth, Dec. 29. Their address is 4631 Penn. St., So. Charleston, W. Va.

Married: *David Wendell McGarr*, IM, to Miss Martha Walters, Jan. 25. They live in Cordele, Ga.

Engaged: *Thomas Moore Perry, Jr.*, IE, to Miss Judith Litchfield. Mr. Perry is employed by Mississippi Products in Jackson, Miss.

Born to: *Mr. and Mrs. William R. Skelley*, IM, a son, William James, last May. Their address is 175 South St., Hartford, Conn.

James V. Walters, CE, has recently completed a two year tour of duty with the Public Health Service and is now Assistant Professor of Civil Engineering at the University of Alabama. He lives with his wife and son at 118 Cedar Crest, Tuscaloosa, Ala.

'56 *Bertram L. Boone, III*, IE, is a senior process engineer at Bendix in Hamilton, Ohio. He lives with his wife and daughter at 1414 No. Washington Blvd. in Hamilton.

Dick Clayton, TE, has joined Blue Bell, Inc., as sales representative for the N. Y. State-Vermont territory. The Clayton's live at 100 Brookside Ave., Mount Vernon, New York.

Born to: *Mr. and Mrs. Elmore T. Mann, Jr.*, IM, a son, Edward Hughes, December 8. Mr. Mann is with the Micarta Div. of Westinghouse in Hampton, S. C. Their address is Box 144, Hampton.

Born to: *Mr. and Mrs. William D. McCurry*, CE, a son, William, Jr., September 7. Mr. McCurry is with Plantation Pipe Line Co. Their home address is 404 Hickory St., Bremen, Ga.

Engaged: *Robert E. Shivers*, Arch, to Miss Linda Hodgkinson. The wedding will take place February 27. Mr. Shivers is with Robert & Co. in Atlanta.

'57 *G. B. Espy*, ME, is now attending the Tulane Medical School. His address is 7039 Freret St., New Orleans, La.

Army Lt. *Clyde M. Fortson*, IM, has completed the officer basic course at The Infantry School, Ft. Benning, Ga.

Born to: *Mr. and Mrs. Phillip Gibson*, IE, a son, Franklin Anthony, November 22. Their address is 1309 Crossbrook Pl., Savannah, Ga.

Richard A. Guthman, Jr., IE, has completed his tour of duty with the U. S. Army Signal Supply Agency and is back with Montag Brothers in Atlanta. The Guthmans and Richard III, born last August, live at 1724 Sussex Rd., NE, Atlanta 6.

Frank C. Harrell, IE, has completed his tour of duty with the Army and is now a trainee with the Southern Kraft Division of the International Paper Co. in Mobile, Ala. His address is 210 B DeSales Ave. in Mobile.

Born to: *Mr. and Mrs. Bernard Kroll*, Arch, a son, Michael Scott, November 22.

Darryl C. Aubrey, ChE '55, has been promoted to assistant chemical engineer in the Technical Division at Humble Oil and Refining Company's Baytown, Texas refinery. In the Catalytic Cracking Section he provides process design services and technological guidance on the operation of the refinery's three catalytic cracking units. These units convert heavier gas oil fractions into motor gasoline, heating oil, and components for aviation gas and petrochemicals.

Mr. Kroll is a field engineer with the George A. Fuller Co. Their address is 1525 Shoup Ct., Apt. 1, Decatur, Ga.

Born to: *Mr. and Mrs. Gordon G. Palmer*, IE, a son, Gregory Scott, November 16. Mr. Palmer is a project design engineer with the Logan Co., Louisville, Ky. Their address is 1818 Wickham Way, Rt. 4, Box 317, Anchorage, Ky.

Born to: *Mr. and Mrs. Irby C. Shepard*, IE, a daughter, Tammy Denise, August 27. Their address is 7 Watson Dr., Newnan, Ga.

'58 *Don B. Denby, Jr.*, USMC, Arch, has been commissioned a second lieutenant at Quantico, Va. where he is being trained as an infantry platoon leader.

Engaged: *Lawrence Gerald Flink*, AE, to Miss Jill Alyn Sophier. The wedding will take place June 21. Mr. Flink is with Lockheed Aircraft in Marietta, Ga.

Born to: *Mr. and Mrs. Philip H. Gresham*, CE, a son, Robert Pierce, November 25. Their home address is 421 General Ramey Dr., Fort Worth 14, Texas.

Carlton S. Hall, USN, IM, has been commissioned Ensign at Pensacola, Fla.

James C. Hays, IE, has completed the Babcock and Wilcox Company's training program and has been assigned to the boiler division's manufacturing department in Barberton, Ohio.

Married: *John Hume*, AE, to Miss Alice Rigsby. The wedding took place Jan. 16.

Engaged: *Michael Gordon McBride*, IM, to Miss Mercedes Gonano. Mr. McBride is with the East Pittsburg Division of Westinghouse Electric Corp.

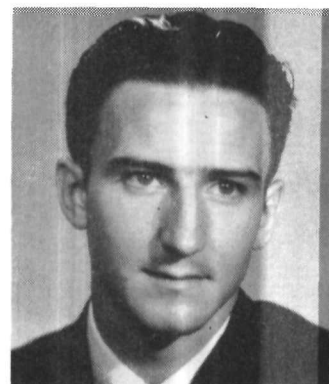
Born to: *Mr. and Mrs. Bennie Peters*, TE, a son, Calvin Matthew, November 15. Their address is 103 Woods Ave., Greer, S. C.

Married: *Ray Malcolm Petterson*, ME, to Miss Sarah Frances Allen, February 7. Mr. Peterson is with Lockheed Aircraft in Marietta, Ga.

Married: *Allan Clark Spearman*, IM, to Miss Maymie Lou Bradshaw, January 31. Mr. Spearman is with J. P. Stevens & Co. in Dublin, Ga.

Born to: *Mr. and Mrs. Robert V. Sytz*, TE, a son, Robert V., Jr., November 10.

Married: *Lt. Paden Vineyard*, US Army, TE, to Miss Beatrice Hall. The wedding took place in December. Lt. Vineyard is stationed at Aberdeen, Md.





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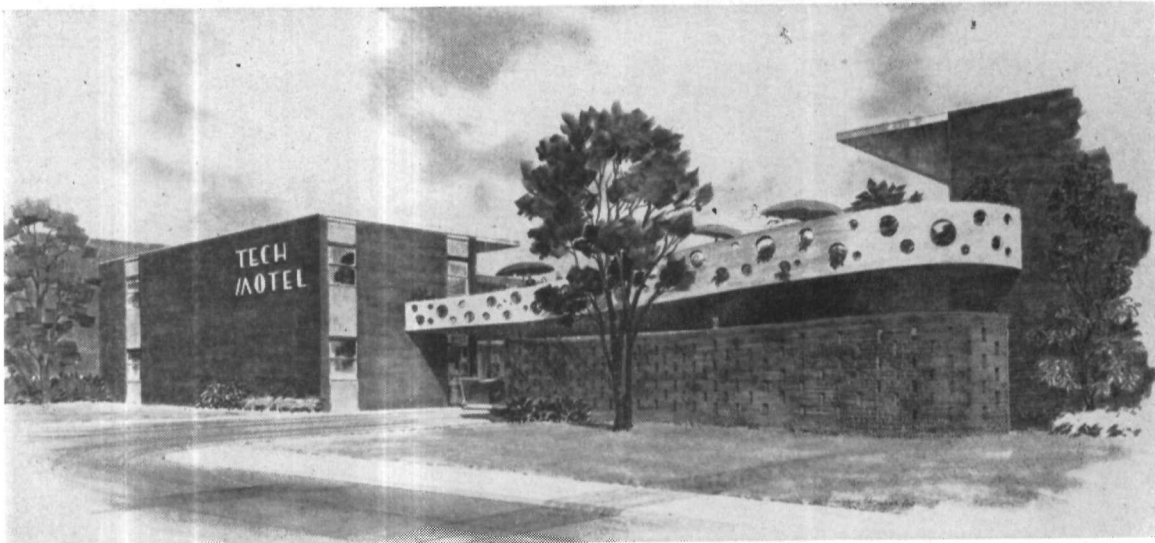
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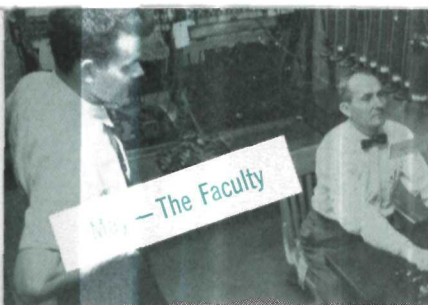
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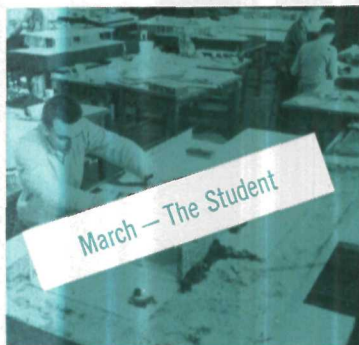
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July - The Alumni



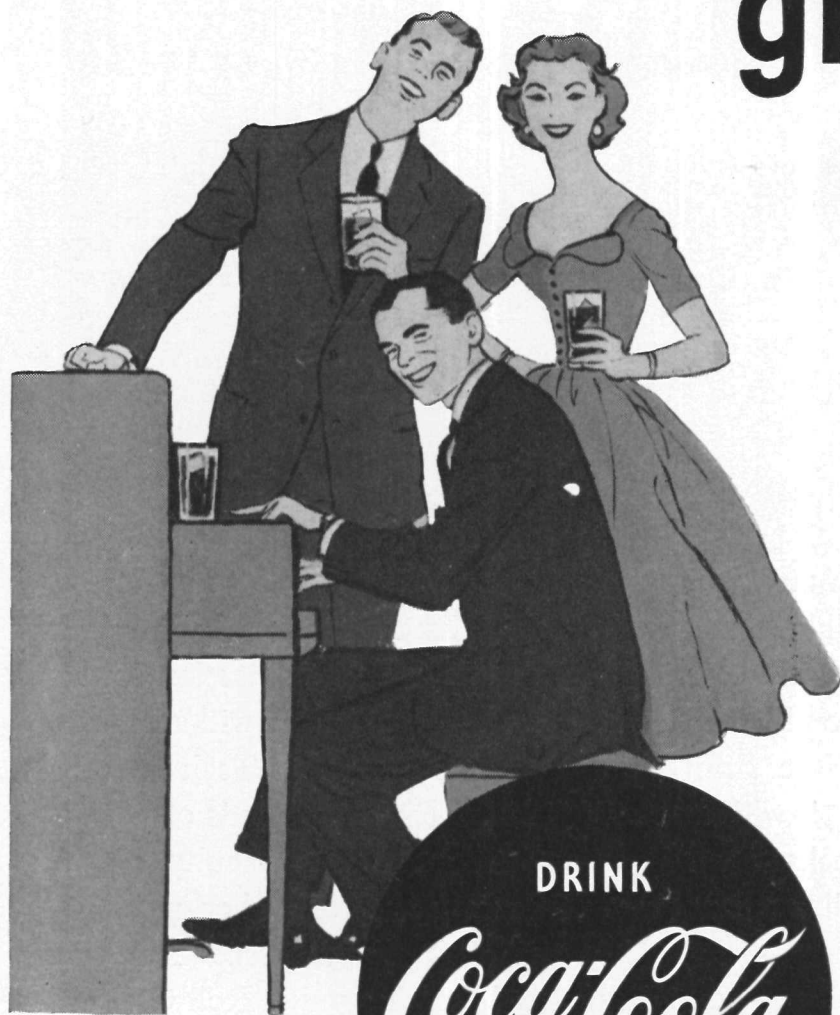
With the exception of regular features (News by Classes, With the Clubs, etc.) the next three issues of this magazine will each be devoted to a single subject. The first section of this trilogy on higher education and Georgia Tech will appear in the March issue. Entitled "Portrait of the Georgia Tech Student, 1959" it will deal with the problems and moods of today's Recks. The May issue will feature "The Faculty, 1959," a similar approach to the teacher and researcher in today's colleges. And then in July, a special "Alumni Issue" featuring the directory of contributors to the 12th Annual Roll Call will come your way. This Roll Call Directory will list all of the contributors to Tech's fund drive both by classes and by geographical reference. Deadline for getting your name in this special issue is May 1. If you haven't sent your check to the Georgia Tech Foundation for the Roll Call, better do it now and insure becoming a part of this special issue of

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