

May, 1955

The Georgia Tech Alumnus

IN THIS ISSUE

Tech and the Crisis in Education

THE AIR FORCE ROTC

Big Carl Breaks a Record in Iowa



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Ramblin'

—the editor's notes

AS WE WENT to press with the March issue, some important administrative changes at Tech were announced by President Van Leer. Prior to the official release of this information, we had heard the usual campus rumors concerning these changes. But, as it is our feeling that the gossip printing should be left to the girls in Hollywood, we didn't prepare a release until we received the official word on the changes from the President's office.

By the time the release reached us, the magazine was well into the production stage. And all we could do was push a little section of copy around to insert a brief paragraph concerning these changes. And, as is almost always the case, we made a slight error in our phrasing of the short notice.

Commenting on Vice-President Emerson's retirement, we stated that he was retiring because of age. Actually, we should have said, "because of the statutory age limitation." For all Tech administrative personnel must retire from active campus administrative work at 67.

The other changes — the temporary abrogation of the Executive Dean's position and the switch in Dean of Faculties (Dr. Weber for Dean Chapin) — were announced originally as for economy's sake. Although this was part of the story, it was not the complete one. Clarification came from Chairman Robert O. Arnold of the University System's Board of Regents when he appeared on a WSB-TV panel-type program on Sunday, April 10. Speaking of the recent changes at Tech, Mr. Arnold said, "Col. Van Leer thought that he could operate Georgia Tech better by keeping a finger on the pulse of everything in his office, and the Board of Regents agreed with him and gave him a chance to do that."

A FEW WEEKS ago we received—among our unsolicited publicity handouts—a letter addressed to the "Beauty Editor" of *The Georgia Tech Alumnus*. The very address intrigued us into opening the envelope just to see what "Beauty Editors" of alumni magazines were reading these days.

Inside the envelope was a publicity release from a company in Alabama called Human Engineering, Inc. The release was entitled, "Fat Thoughts and Thin." And

the crux of its message was that thinking fat thoughts made you obese while entertaining thin thoughts would return your figure to its high school days.

Being inclined to the middle-age spread, we read on. The paper explained that it was the contention of the president of this company that anyone — male or female — could remake his or her figure through "Physical Thought" alone, sort of a *Power of Positive Thinking* program of reducing. All one needs for this program, he points out, is a photograph of the man most resembling the figure you are aiming for (say Clark Gable). You then place this photograph on your mirror where it will be a constant reminder of your goal (by this time the wife should be calling your doctor to inquire if senility might hit a man in his early thirties). You can then carry this vision with you, thinking constantly of looking like him, and in no time you are slim again.

We were on the verge of giving this method a whirl when we happened upon a recent photo of Mr. Gable. By the looks of the man, he had obviously been thinking only Sidney-Greenstreet thoughts for the past few months. We decided that there couldn't be a lot to the theory anyway as we had entertained Marilyn-Monroe thoughts for quite a while without any appreciable change in our looks.

* * *

WE ARE indebted to T. M. Wade, IE '50, of Huntsville, Alabama for the following anecdote:

A devout Auburn alumnus was enticed to attend a recent Huntsville Georgia Tech Club meeting at which Coach Dodd was the speaker. When it came time to eat, the Auburn man was charged \$3.50 for what had been advertised as a \$2.50 meal. Being a gentleman, he paid and was silent. But at the end of the meeting, he found out what the extra buck was for. He had joined the Huntsville Georgia Tech Club.

* * *

STARTING ON page 9 of this issue is the third photo story by freshman Blake Hawkins. Like his previous two (Feb. and Mar. issues) it shows in photos a segment of Tech life, circe 1955. However, Blake had considerably more difficulty with the Air Force ROTC story than with either of his previous efforts.

The cause of this photographer-frustration was — naturally — a first-class case of the old military disease, SNAFU. All of you who have been in the service have seen it in action. Blake's was a typical case.

As soon as the cadets arrived at Moody Air Force Base, Blake started shooting his pictures. But before he had taken five shots, the Air Police descended on him and asked him to put away the camera. Within a five-minute period, a 2nd Lt. assured him it was OK to take pictures, and a Major ordered him, once again, to put up the camera. At this point Blake gave up.

Fortunately, we had anticipated this when we scheduled the story, and we already had some good photos from Moody Field. It was shot by our old friend, Bill Diehl for another publication and then never used. So this is a combination photo-story by Hawkins and Diehl.

* * *

WE ARE PLEASED to release in this issue the announcement of the signing of the contract for the Alexander Memorial Building. It's been a long time coming, and all Tech men should now rejoice that it is on its way. The announcement is on page 16 of this issue.

* * *

THE GEORGIA TECH ALUMNUS, along with Pi Delta Epsilon, the campus honorary journalism fraternity, sponsored a *Publications Clinic* on the campus on April 19. The clinic, a half-day affair, brought outstanding experts of this area onto the campus to help the student publication people with their many problems.

A good turnout of 118 campus and Atlanta high school journalists heard the experts — Bill Emerson, Atlanta Bureau Chief of Newsweek magazine; Tom Cooper, President of Southern Photo Process Engraving Company; John McKenzie, Design Consultant of Foote & Davies, Inc.; and Randy Fort, Director of Publications at Emory — offer suggestions for improvements in campus publications. The entire program was well received and stands to be a fixture on the Tech campus.

Especially gratifying to those who worked on the clinic committees was the turnout of over 80 high school students. We all felt that this was a fine way to get outstanding high school student leaders onto the Tech campus and let them see what Tech had to offer. But we never expected a turnout of that size. Our thanks to all who helped make this clinic possible and successful.

BOB WALLACE, JR.

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CONTENTS

2. RAMBLIN' — the editor discusses administrative changes and publicity handouts.
6. IT'S LATER THAN YOU THINK — the crisis in education arrives in Georgia.
9. DETACHMENT 165 — Georgia Tech's Air ROTC Unit in photos and text.
14. PREVIEW FOR FALL — the 1955 T-game in photos.
16. THE ALEXANDER MEMORIAL — a happy announcement.
17. INTERLUDE IN IOWA — Big Carl sets a record and proves a point.
18. ON THE HILL — a student speaks.
20. WITH THE CLUBS — latest reports.
22. NEWS BY CLASSES — a summary.

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The Cover

Lt. Walter H. Ott, USAF Res., one of Tech's Air ROTC instructors, briefs members of Detachment 165 before takeoff on the trip to Moody Air Force Base. The airplane is a C-46. For more about the flight and Detachment 165 turn to page 9.

Photo—Blake Hawkins, 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 3, 1879.

THE UNIVERSITY System of the State of Georgia is today underfinanced. It is safe to say that each of the institutions comprising the system is suffering from a lack of sufficient financial support.

We, of course, are more concerned about Georgia Tech and its future as an institution of higher education. It is clear that the costs of educating our youth in the fields of science and engineering is far greater than for the other professions (excepting medicine) and the arts.

We do not have adequate laboratories and other facilities for experimental and research work. The ratio of students to faculty is not in keeping with the standards required of Tech if she is to continue her leadership among the engineering colleges of this country. In order to maintain this position, Tech must have more financial support for securing and keeping faculty members of the training and quality required for a top engineering institution. That these faculty members may be in position to offer the best in engineering instruction, the number must be increased to provide the proper ratio as to the number of students in the institution.

This support must come largely from two sources: state funds and student fees.

The American standard of living is high because of the prolonged period of prosperity which we have enjoyed. Why should we not be willing to share it with the generations of the future—our sons and daughters and even their children and their children's children.

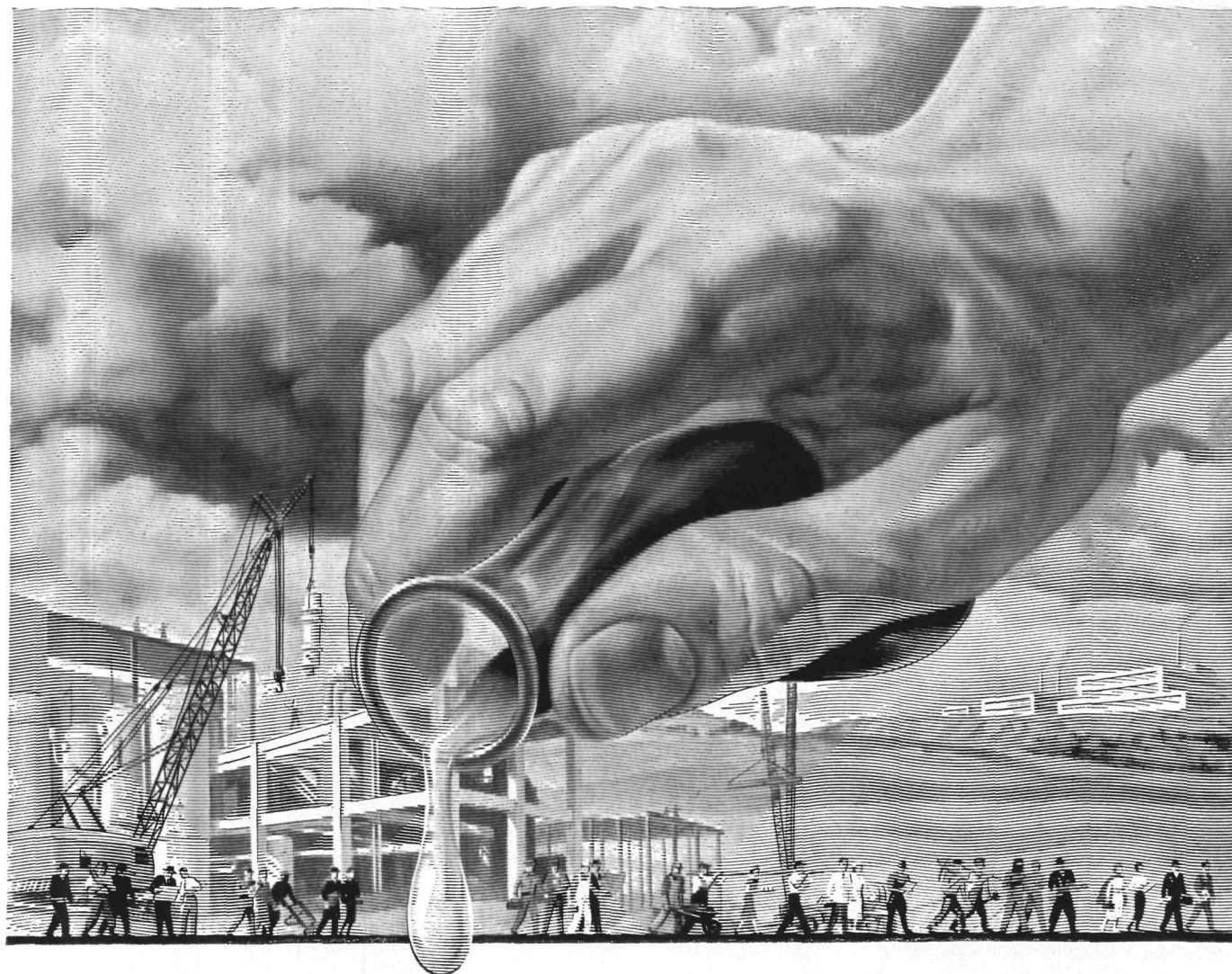
Everything worth having is worth paying for. In order to attain proper financial support for a program of higher education, we must all pay the bill—the public with more tax money, the parents with more support for the training of their children and the students with less to spend loosely and more for their future by increased college fees.

The future of our state and the South is dependent on the educational advantages enjoyed by our children. They should and must have our support, as well as the support of their parents. And the new generation must develop a willingness to sacrifice to gain this high goal through their own efforts.

DAVE ARNOLD

Here's the Latest on the Roll Call

	Amount	No. Contrb.
8th Roll Call through May 6.....	\$71,345.50	7083
7th Roll Call (53-54).....	\$63,627.68	6017



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Pugh—Journal-Constitution

Crowded is the word for this General College Math class of Professor Fulmer's. There are 70 in it.

It's Later Than We Think

THERE IS CAUSE FOR ALARM IN THE COMING CRISIS IN EDUCATION IN THIS COUNTRY — THERE IS CAUSE FOR ALARM NOW IN GEORGIA

THE CRISIS in education that the educators have been predicting for this country has arrived in Georgia slightly ahead of schedule. From the lowest one-room schoolhouse to the highest unit of the University System, the pinch of higher costs, increased enrollments, increased service demands and teacher shortages is being felt and felt hard. And the outlook for the future, with its predicted heavily increased enrollments, is even more cause for alarm.

The salvation of the multiple woes of education (and this applies to every other state in the forty-eight) can be summed up in one word — *money*. But as Shakespeare once said, "there's the rub."

In Georgia, the rub is that the state is already spending over half of its income on the various state school systems. And, on top of that, what was once a proud state surplus has vanished — a victim of increased state spending on services demanded by the people of a rapidly progressing state.

This leaves only one answer to the state school problem — more taxes. No amount of economizing can change this solution, for the units of the systems have already cut their budgets to the bone.

At the University System level, any more economizing would mean controlled enrollments and/or a reduction in services the institutions are offering the industries and people of Georgia.

It's a bleak situation. One that no amount of sympathetic clucking can help. Action is what the schools need.

The Board of Regents moves

Action is what the Board of Regents have taken at the University System level. In a concentrated effort to increase state funds for higher education, the Regents asked the January General Assembly to provide for a 100% increase in funds for the system for 1955-56. The new request was for over \$25 million, compared with a \$12,233,000 grant for the 1954-55 year. (Actually, due to last year's overall state budget cut, the University System only received 94% of the allotted budget.)

Only \$15,207,554 of the \$25 million would be used for operating expenses of the system. The remaining \$9,827,417 was scheduled for capital investments — \$6,250,000 for new building construction, \$1,957,000 for improvements on existing buildings and \$1,620,000 in rentals for the Building Authority for service charges on bonds outstanding.

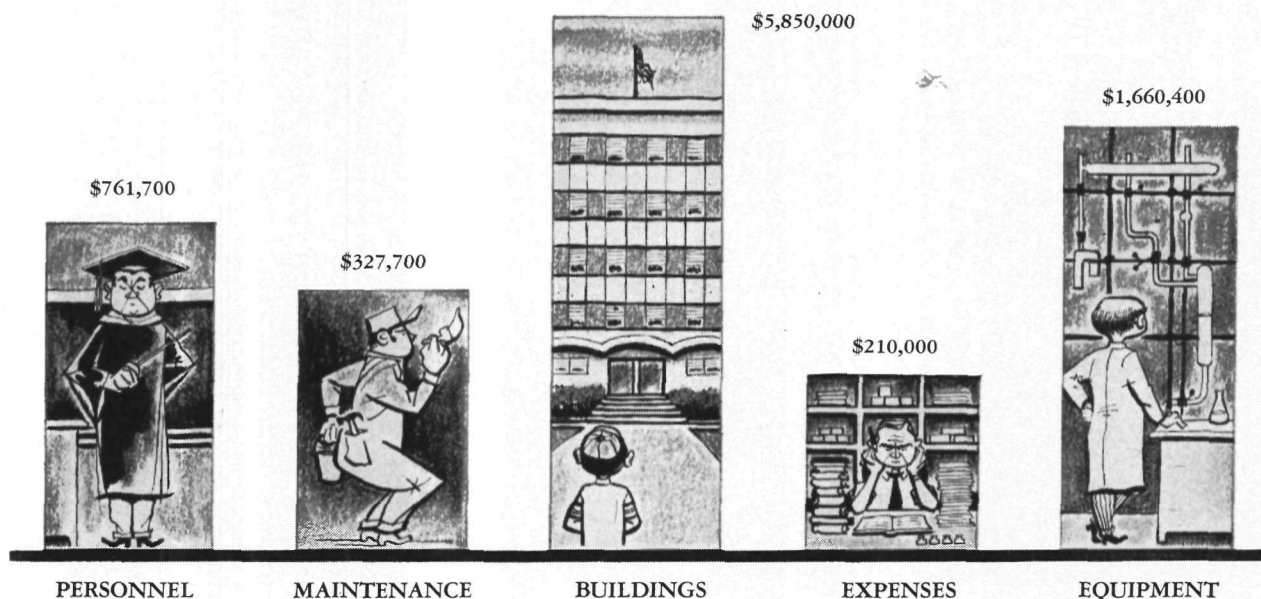
In requesting the \$15,207,554 for operating expenses, the Regents laid down a *bill of needs* of the University System if it were to keep its member units up with comparable institutions in the South. Major categories of this *bill of needs* included: additional faculty members, salary increases to bring present faculty members' earnings in line with comparable institutions, more funds for the engineering experiment station at Tech as well as for the agriculture experiment stations and extension services, additional library operating funds and additional funds for projects not an integral part of the University System program.

The Regents put up a good fight, but the General Assembly adjourned without a new appropriation bill. That means that the System will have to continue to operate on the provisions of the appropriation bill of 1951, less the 6% economy slash, even though enrollment is up 25% over 1951's figures. The only hope for relief the System now has is that a special session of the General Assembly will be called this summer. Present signs are that Governor Griffin, sympathetic to the school's plight, may call this session in the very near future.

(Continued on page 8)

WHAT TECH NEEDS

The Tech administration presents its minimum needs to keep it in the running as one of America's top engineering institutions



DETAILS OF THE REQUIREMENTS

PERSONNEL — Salary increases

<i>Salary Increases for Present Personnel</i>	
Engineering College.....	\$ 100,000
General College.....	85,000
Research.....	35,000
Administration.....	5,000
	<hr/>
	\$ 225,000

<i>Salaries for Necessary New Personnel</i>	
Engineering College.....	\$ 125,000
General College.....	184,500
Library.....	40,000
Dean of Students Office.....	6,600
Registrar's Office.....	14,000
Research.....	150,000
Administration.....	16,600
	<hr/>
	\$ 536,700

Total Salary Increases.....\$ 761,700

DEFERRED MAINTENANCE of existing buildings *

Academic Buildings.....	\$ 220,700
Residence and Dining Halls.....	152,000
	<hr/>
Total Maintenance.....	\$ 372,700

* This includes replacing deteriorated floors and stairs, obsolete lighting fixtures, and deteriorated steam heat lines and radiators; repairing roofs, cracked brickwork, roof gutters and downspouts; stopping rain leakage through windows and doors; rebuilding toilets and showers; rewiring electrical systems to comply with the code; waterproofing walls below grade and patching plaster as well as painting interiors.

NEW BUILDINGS required now

Classroom Building.....	\$3,000,000
Electrical Engineering Building.....	2,500,000
Student Activities Building (first portion).....	350,000
	<hr/>
Total New Buildings.....	\$5,850,000

OPERATING AND SUPPLY EXPENSES

Engineering College.....	\$ 30,000
General College.....	56,000
Library.....	34,000
Dean of Student's Office.....	1,000
Registrar's Office.....	2,500
Research.....	72,000
Southern Tech.....	10,000
Administration.....	4,500
	<hr/>
Total Operating and Supply Expenses.....	\$ 210,000

NEW EQUIPMENT for existing and proposed labs, classrooms, etc.

Engineering College.....	\$ 655,000
General College.....	634,000
Library.....	2,500
Dean of Students Office.....	6,500
Registrar's Office.....	13,100
Steam & Electrical Distribution	
Parts & Equipment.....	21,850
Research.....	300,000
Southern Tech.....	30,000
	<hr/>
Total New Equipment.....	\$1,660,400

GRAND TOTAL.....\$8,854,800



Pugh—Journal-Constitution

The stairway back of the Old Shop Building, one of Tech's original structures, is still crowded as the students change their classes.

A look at Tech's problems

Examining the position of one of the 16 units of the University System may give you a better picture of the extent of the present and impending crises. Naturally, we have selected Georgia Tech, best known and most important (at least to us) of all the units.

Last fall, the Engineer's Council for Professional Development and the AIA Board made their grading and rating inspection of Tech. The inspections are tough and the results determine the professional standing of the institution involved. Tech's engineering schools passed the inspections, but only two (Architecture and Chemical Engineering) did it with flying colors. The ECPD noted shortcoming in all the others and gave them time to get them straightened out. This process will involve getting more faculty, better labs and new lab equipment.

In its overall report, ECPD pointed out that Tech's salary scales were too low, the classes were too large and the teacher load was too heavy. It objected to the heavy use of student instructors and was particularly critical of lab equipment, buildings and maintenance.

On the credit side, the council was extremely pleased with the high morale of the faculty despite the above handicaps. And it reported that the Engineering College was doing the utmost on its limited budget.

Tech has raised her entrance requirements. Tech has increased her out-of-state tuition to the point where it is now three times the in-state tuition and equal to or greater than that at the majority of major engineering institutions. Yet, the flow of incoming freshmen continues to increase. And the out-of-state percentage stays around 50. (This out-of-state group continues to be an important factor in maintaining Tech's national and international reputation as a superior engineering institution as well as providing over \$800,000 a year in tuition and fees to Tech's income account.)

An unhealthy ratio

This great increase in the number of students entering Tech in the last two years has brought on an unhealthy faculty-student ratio in the freshman and sophomore General College classes. For instance, 32 of the first two year's math sections have 40 or more students in them. The healthy maximum should be 25. One math class has 70 students in it this quarter. Next year these students will start in the Engineering College and the overcrowded conditions will spread to the various engineering schools unless more faculty members are provided them. And there will be no lessening of the pressure on the faculty of the General College as next year's freshman class gives indications of topping this last one.

This faculty-student ratio is one of Tech's weaknesses discussed and considered by the Engineers' Council in its report last fall. The administration — long aware of this weakness — has tried to put most of its financial resources into easing this faculty-student ratio problem. This, in turn, has caused the neglect of the labs and equipment. It's a vicious circle which only additional help from the state can straighten out.

Another situation that has compounded this problem is the competition with industry and other engineering institutions for the good faculty members. In the past three years Tech has lost 51 of her faculty members to industry. And, the pay scale — now ranked in the lower third in the list of comparable institutions — has caused others to leave the campus to teach at various universities and engineering institutions.

At the present time, Tech is receiving state allocations totaling \$1,685,880. The remainder of its \$5,214,046 annual budget comes from tuition and student fees,

endowment income, gifts and various other sources of internal income.

The present state appropriation averages out to \$364 per student which places Tech tenth among the 15 units of the University System in allocations per student. Only units in the system below Tech in the listing are Atlanta Division of the University, Middle Georgia College, South Georgia College, Georgia Southwestern College and Southern Tech. Southern Tech, of course, is a unit of Tech's Engineering Extension Division and receives only \$177 per student from the state. The rest of the Engineering Extension Division is self-supporting and actually brings in income for the institution.

Tech's per-student appropriation is lower than other major units of the University System because of the school's ability to attract out-of-state students in large numbers and thus increase its income account. In a way, Tech is being penalized for success. But the joker in this deal is that it costs (or should cost) much more to educate an engineer in this technological age than it does a liberal arts or business administration major. Laboratory equipment and research facilities should be kept up-to-date if the graduate is to be properly prepared to take his place in American industry.

The Board of Regents, in its Annual Report of 1954, points out that state support of Tech's Engineering Experiment Station has been very small in a financial way. Last year, the station received only \$89,000 from the state and of its total income of \$1,720,966, over 91% came from contract research. If the station is ever to be of a real value to the state as its industrial research agency, state support must be increased considerably. Research work, fundamental in nature but of great value to the state and the South, should and would be increased providing additional state funds were forthcoming. The Regents asked that the state allot \$575,000 a year to this research agency.

With the tremendous increase in the industrial growth in the South, Tech is becoming of more and more value to the state and region. But, like all units of the University System, it's dependent on state grants. A great deal of the future growth of Georgia as an industrial state is contingent on our school and the quality of her graduates and her research. Let us insure the quality that Georgia Tech has always stood for by supporting the Regents in their request for additional funds for the University System.

In the final analysis, it is up to us — the individual taxpayers.

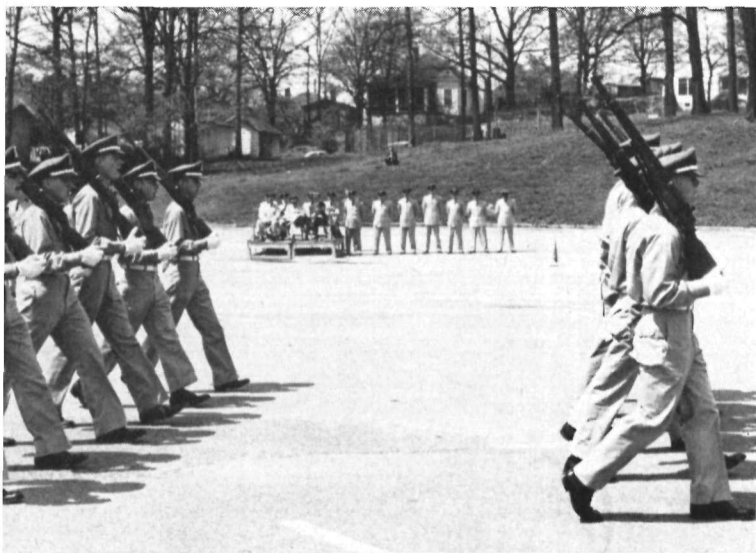


DETACHMENT 165

It Trains Officers and Air-Age Citizens

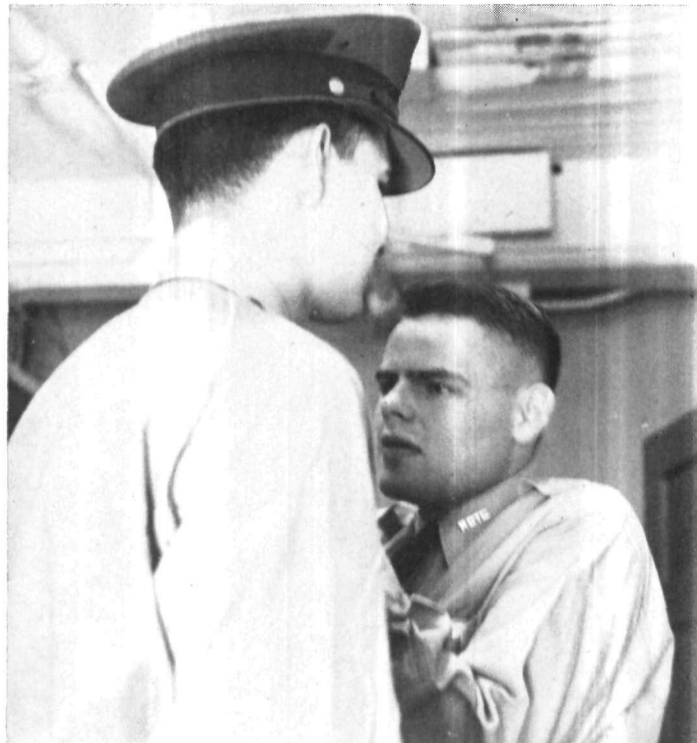
THE YOUNG MEN marching toward you on this page are members of one of the eight squadrons that make up Air Force Detachment 165 at Tech. Like the rest of their fellow AFROTC cadets, they are in training in the youngest of our military branches because they believe in the air age. Through this training they become USAF officers or just plain citizens with a high conception of the part air power plays in this country's defense. For details turn the page.

Photographs by Hawkins and Diehl



Shouting cadence, the crack Air Police Squadron starts past the reviewing stand just prior to the April 16th Inspection.

DETACHMENT 165— *Continued*



A cadet lends a classmate a helping hand and lines up his collar insignia as they get ready for the Federal Inspection.



At parade rest stands the color guard during one of the weekly drill periods of the Detachment. Everyone turns out for this lab.

At ease, rest, relax — and one of Tech's two female-type cadets, acting in the age-old tradition of her sex, removes shoes.

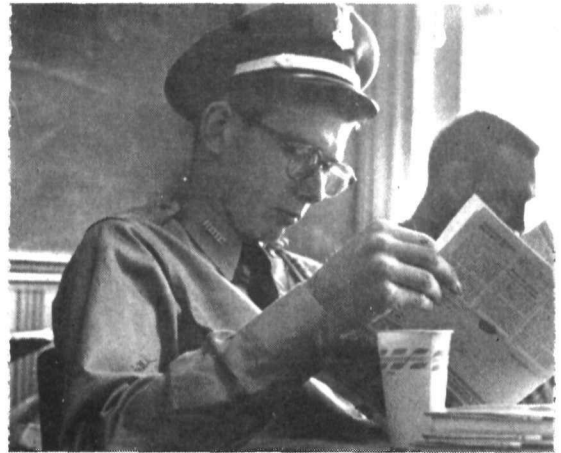


DRILL, PARADE AND STUDY

DETACHMENT 165 is one of 208 such units operated by the Air Force on college campuses. From these units comes the majority of the Air Force's new officer personnel, both flying and non-flying. Today—under the projected 137-wing program—USAF needs over 8000 new officers each year. Even the completion of the new Air Force Academy, with its 500 officers-per-year production capability, will do little to lessen the ROTC program's responsibility in new officer development.

Like other ROTC programs, the Air Force's has basic and advance phases. All physically qualified, nonvet male students at Tech must take two years of ROTC. But the advance students are strictly volunteers who, if qualified, may take the curriculum which ostensibly leads to a 2nd Lt.'s commission in the USAF Reserve.

For two hours of class and two of lab (drill) a week, basic students receive two credit hours per quarter. While the advance students spend four hours in the classroom and one on the drill field for three hours credit plus pay and allowances amounting to \$27 per month during the school year. On these pages are scenes from classes, drills and parades—the daily order of cadet training at Tech.



Preclass relaxation, a cadet just in from drill catches up on reading before his class in Air Science begins. *Security* is the subject.

Postclass discussion, Major McClure, Assistant Professor of Air Science answers the cadet's questions after a class discussion.

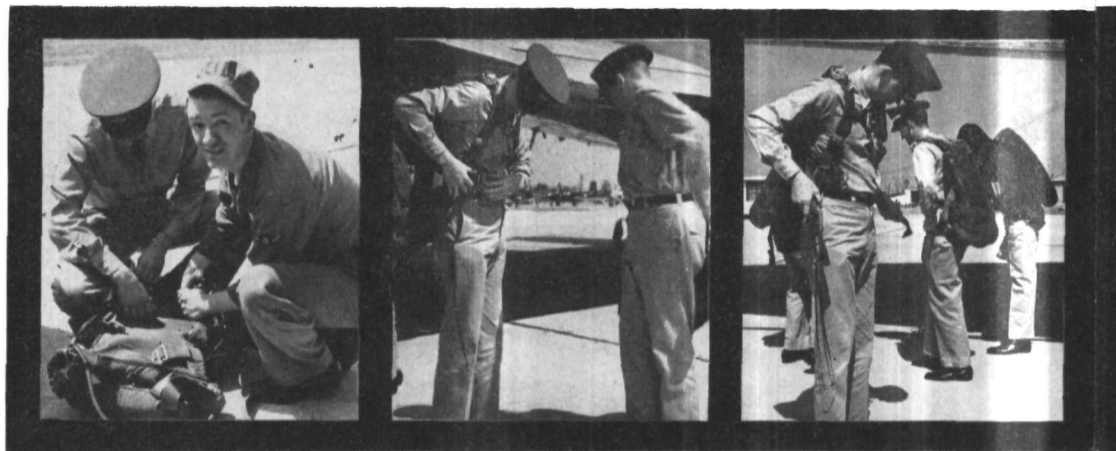


Office discussion, Colonel Hugh Moore, EE '41 Co-op, talks with a cadet in his office in Knowles. Col. Moore heads up Tech's unit.



Class discussion, a cadet reads a paper on National Security during a class period as Major McClure monitors the discussion.





BOY MEETS PARACHUTE FOR THE FIRST TIME. PROBLEM—TO GET INTO IT——•

A FIELD TRIP TO MOODY AIR FORCE BASE

OFF-CAMPUS phases of Detachment 165's training include a Summer Training Unit and special field trips to Air Force bases in the Southeast. The six-week Summer Unit is limited to advance cadets, who attend it between their junior and senior years. But every cadet gets at least one field trip—similar to the one on this page—during each school year.

The idea behind the field trip is to give the cadets a taste of military flying as well as to acquaint them with the operations of a typical Air Force base.



All concentration, a cadet flies a military aircraft for the first time. On the trip to Moody each cadet had stick time.

Prior to takeoff from Dobbins, the cadets receive a weather briefing from a base officer, as well as a navigation briefing.



• — WITH THE HELP OF THREE AIRMEN AND A GREAT DEAL OF PATIENCE, THE PROBLEM IS FINALLY SOLVED.



At Moody Field, a cadet observes a demonstration of the inflammable characteristics of the old-style parachute cords.



And at Moody, they also watched an airman load the rockets in the nose of one of America's top air defense planes—the F-94.

Back at Dobbins, the cadets climb out of the C-46 that took them on the half-day trip to observe the Air Base in action.



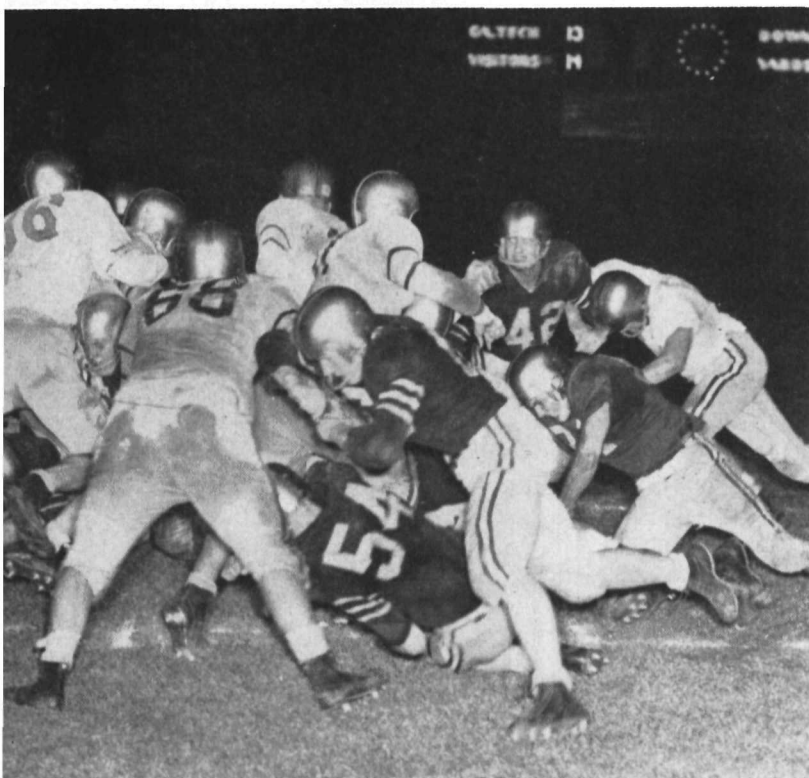
PREVIEW FOR FALL

WITH 10,000 FANS and countless enemy scouts in the stands, Tech unveiled its '55 Jackets in the April 22nd T Game. The Blue squad—led by Toppy Vann, Jimmy Thompson and Stumpy's boy Johnny—won its first game from the Whites since 1950 by a 21-19 score.

The first half—no harbinger of the second—was scoreless until the Whites' Mitchell sneaked across the goal from a yard out on the last play before intermission. The point was missed.

Vann brought the Blues back early in the third period, alternating Thompson and Thomason to the shadow of the goal and then sneaking across himself. He added the point. Two plays later the Blues recovered a White fumble and in four plays had added 7 more points to their lead.

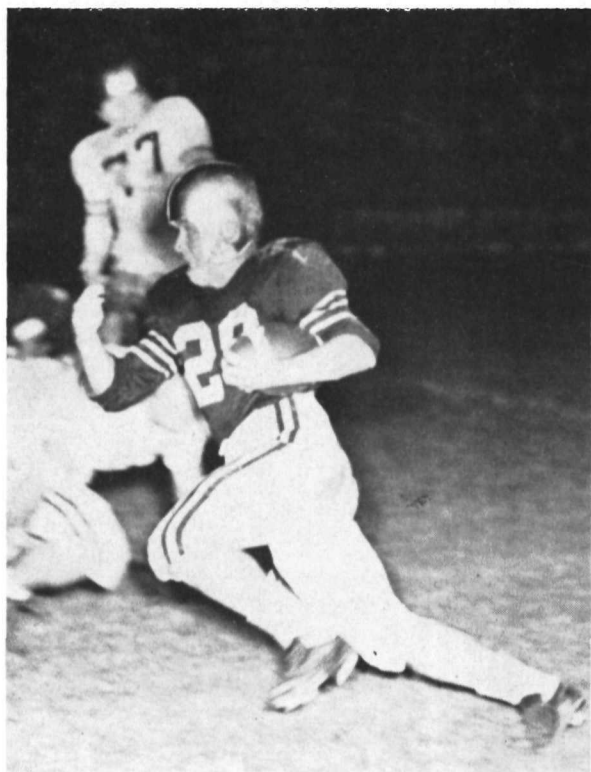
Back came the Whites with Mitchell and Volkert leading the drive to the Blues' 4 where Flowers bulled it across on his first try. The point was good. But Thompson went 52 yards on four plays following the kickoff and put Vann in position for his final sneak and extra point. The Whites drove 78 yards and scored on a short pass from Mitchell to Huff as the final whistle blew on a fine exhibition.



Goal line stand — the Whites stop the Blues at their one but to no avail as Toppy Van went over on the next play to make it 20-13.

Photos—Bill Campbell

Dennis the Menace on the loose—little Jimmy Thompson, the Blues chief running threat, starts off on a 16-yard gallop.





The halftime show—West Fulton high girls run through some plain and fancy twirling in the halftime contest—they ran second.

Running star of the Whites—George Volkert picks up twelve of his 85 yards made in eight tries for a night's average of 8.67.



talk about tech



By Coach
Bobby Dodd

WE HAVE HAD another good two months of spring, including a really fine T-day football game. As this is being written, we still have an outside chance to tie Georgia for the Eastern Division lead in the SEC baseball race, our tennis team has a 4-3 mark in the conference, our golfers are 3-4, Carl Vereen of the track squad has just set a new discus record for the Drake Relays at Des Moines, Iowa and actual work has started on the Alexander Memorial Building.

First, to the spring football game.

We advised the officials to lengthen each quarter to sixteen minutes so we could get more boys in the game and still get a good look at all of them. Each of the two squads used over thirty players during the evening, and I don't remember ever seeing any harder blocking and tackling than we had on Grant Field the night of April 22. It is a matter of record, of course, that the Blues beat the Whites, 21-19, on the strength of Toppy Vann's three consecutive extra points.

The game was a fitting climax to what was probably our best spring practice since April, 1951. We had a lot of young players of near-equal ability battling to make the varsity. This always makes for extra effort, and this spring it was very extra. The only disappointing feature of the session was that injuries sidelined some of the most promising boys early, and we didn't get as much chance as we had hoped to see what they could do.

As for individuals, I would say that all of our experienced players — boys like Paul Rotenberry, Wade Mitchell, Jimmy Thompson, Don Ellis, Frank Christy, Charlie Huff, George Volkert and the others — did well. We expected them to. What pleased us most was the development of some of the sophomores and inexperienced upperclassmen.

One thing is for sure. We have one of the toughest schedules this fall that I can remember at Tech. Opening with Miami, Florida and Southern Methodist on consecutive Saturdays is a schedule in itself.

But, win or lose in the fall, our ball club — with its fine backs — is going to be explosive and colorful. The fierce blocking and tackling demonstrated by our boys this spring serves notice that our opponents this fall will know they've been in a ball game.

I will not dwell much on the Alexander Memorial Building as it's very well covered on the following page of this issue. All of us at Tech are proud and happy that the ground is being cleared and that actual construction will begin in a few weeks.

Many of you have read in the sports pages of your hometown paper of Carl Vereen's record-breaking discus throw of 172 feet 11 7/8 inches at the recent Drake Relays. Carl has two more years of intercollegiate competition, and track coaches throughout the nation believe he may become one of the all-time greats before he graduates. He is sure to put Tech's name in the headlines many times in the next two years.

The baseball team has just completed a sweep of its weekend series with Kentucky and has only a two-game series with Georgia left on its schedule. *If* the Jackets can sweep this series and *if* the Bulldogs will oblige by dropping its other two games with Tennessee, the Eastern division race would end a tie between Tech and Georgia. As it stands now, Georgia has only one conference defeat on its record (by Tech on April 23) while we have dropped five SEC games. But it could happen.

Our tennis and golf teams do not have overly impressive records this spring but have been holding their own with the other conference schools. Several of the tennis losses have been very close. And the golf squad has been handicapped by the illness of one of its top boys. Both teams figure to finish in the upper half of the annual conference tournaments.

On a whole, it has been a fine spring in sports on the *flats*. And with so many youngsters doing well, things look bright for future springs.



THE LOOK OF THE NEW ALEXANDER MEMORIAL BUILDING WHICH WILL COST LESS THAN \$1,500,000 AND SEAT 7000

THE ALEXANDER MEMORIAL

The devotion of a small group of men and contributions of many make possible the Physical Training Center envisioned by Alex

COACH ALEX'S dream was set on the last lap of the road to actuality on April 23. On that date President Van Leer announced that the contract for the construction of the Alexander Memorial Building (to be named the Alexander Physical Training Center) was signed with the Mion Construction Company of Atlanta.

In his announcement, President Van Leer said, "This is a dream that has come true after years of heartbreaking delays and disappointments. Only the steadfastness and devotion to the memory of Coach Alexander by the members of the Alexander Memorial Trustees and the generous contributions of hundreds of alumni and friends have made possible the final success."

Clearing of the site (now set in the area bounded on the south by Eighth St., on the north by 10th St., on the west by

Fowler St. and on the east by the expressway) began on April 25. Official groundbreaking ceremonies were held on May 9.

It's expected that the center will be ready for occupancy within 15 to 18 months, which means that Tech's cagers will spend another season in the old Tech gym.

The new center will cost \$1,500,000 and seat 7000, as well as provide other physical education facilities. As the rendering shows, it is actually two buildings joined together by a concourse. The main building will be a huge dome-shaped affair supported by a series of steel girders running from the ground to the peak of the dome. There will be no obstructing posts in the entire area, and the bulk of the structure will be underground.

The adjoining building, a three-story rectangular affair, will house facilities for physical training, including a practice

gym and lockers. Its top floor will be occupied by Tech's radio station, WGST, whose rental will go a long way towards carrying the maintenance costs.

This center was decided upon as the one that best fit the requirements set down by Coach Alex within the limits of the funds available. The price on the original building selected ballooned from 2½ million to \$4 million when the Korean conflict came along. And the committee composed of J. J. McDonough, chairman; Bobby Dodd, vice-chairman and Robert Wilby, R. L. MacDougall, John O. Chiles and Walter Mitchell, decided that a building must be built to keep faith with Coach Alex's memory.

With the \$980,000 cash on hand and \$560,000 in unpaid pledges, the funds for this center were in sight. The committee decided to go on with the construction.

It is anticipated that the unpaid pledges will be paid and a committee headed by Jack McDonough is at work on this project.

The committees have kept faith, and Coach Alex's dream will be realized. But until all of the money is in, there is still work to be done.

INTERLUDE IN IOWA

Big Carl throws the discus for a new Drake Relays' record and improves an American theory, "Competition breeds greatness"

YOU'D HAVE to classify the field events at a track meet among the loneliest of all competitive sporting events. A man is pretty much by himself out there on the infield turf throwing a weight at a stake marking another man's best effort.

If you're a field man, you're seldom aware of the crowd even when the stadium is filled with people. The cheers you hear from them are seldom for you. For — more likely than not — they're running off a dash or a relay on the outer oval while you're competing in your event. You have to learn to ignore the crowd, for their ill-timed cheers may come just as you are winding up for your final throw of the day.

But, if you're a good weight man like Carl Vereen, you're out there concentrating on the task at hand — beating the best that your opponents can do. You're proving once again that pure competition — just for the sake of competing — brings out the very best in a man.

If you were Carl Vereen, you would have been trying to prove this adage on April 29th in the huge Drake University Stadium at Des Moines, Iowa. You were before the largest crowd in your short track career. And you could feel the "bowl-game" atmosphere of this Drake Relay crowd. You could hear the bands playing and the noise of the crowd. You could see that the stadium was packed. And it sort of reminded you of the afternoon of January 1st when you came on the field at the Cotton Bowl with the rest of the Jacket football team. Only this time you were alone — the first and only Tech man in history to ever enter the Drake's.

You were sent here instead of to the Penn Relays because your Coach, Norris Dean, and your Athletic Director, Bobby Dodd, had a great deal of faith in this competitive spirit of yours. They felt that you would rather be in there with the best — even if you didn't win — than to sweep an easier field. They also felt that you'd beat your own record toss if you had the top competition.

So here you were with one discus heave left to you in the finals. Your top competition — Don Vick of UCLA — had just beat the best throw of your life

by three feet. And then came over to rib you about it — telling you that you were licked. You replied that you had one throw left and made up your mind to tighten your spin, speed it up and put more forearm into your final effort. You made up your mind to beat his 168 feet even though you had never thrown 165 before that afternoon in Des Moines.

When you wound up for your throw, the eyes of the crowd were on a mile relay being run around the outer circle. But you knew they were there, and it helped you. After you let go of the disc, you had the feeling that you had done more than your best, no matter where it landed.

Then they measured it and walked over to tell you that you had just established a new Drake Relay record of 172' 11 7/8". It bettered by over two feet the old mark set by Byrl Thompson of Minnesota back in 1949.

It was one of the greatest days of your life when you stepped up on the platform to receive the first plaudits of the crowd directed at you. You were the first of the record breakers of the 1955 Drake Relays. And, by Saturday afternoon, your distinguished company included Lt. Wes Santee of the U. S. Marines, America's top miler.

The next day you were back again — this time for the shot. But you had used up all of your competitive flame on Friday, and you didn't even make the finals. You had, as Dr. Roger Bannister said after his record-breaking mile of last year, "taken more out of yourself than you have got."

If you were Carl Vereen you would stand 6' 6" and tip the scales at 230 pounds. And on Monday morning, May 2, you would have been back at the old stand attending your sophomore classes at Tech. And that afternoon you would be out on Grant Field practicing again, readying yourself for the seven big meets still on your schedule (including the NCAA's and the National AAU's). And you'd be thinking about that 180 feet you'd have to throw to make the 1956 Olympic team. For this is your big ambition — the Olympic team.

If you were Carl Vereen you'd stay at it till you realized this ambition.



Big Carl Vereen in action. The Miami sophomore has already thrown 172' 11 7/8" at the Drake Relays, a new Drake record and the second longest throw by a sophomore in the history of Track and Field. He still has seven meets this year to beat this record throw and to aim for the 178' 8" sophomore record held by the late Leon Patterson of Univ. of Southern California.



WHILE DIRECTING traffic at the Opera last week the thought struck me that Engineers just ain't what they used to be in the "good ol' days." Heretofore we've ben looked upon as a breed apart, living in a world of greek formulae, micromatic dimensions, bending moment diagrams, and those funny little light bulbs that make radios work, while we hid behind a pair of horn-rimmed microscopes, deriving soul-satisfying pleasure from a slide rule or by looking at tall buildings. Well, I'm here to tell you that the old order do changeth. Engineers are becoming human! They're beginning to notice the outside world, and not just George Gobel, either. I mean things like the Theatre and Classical Music. (The latter gets a technical boost from Hi Fi.) "Prof!", demands the scoffer. Very well, behold!

As I was about to say before I interrupted myself with the hilarious digression above, there I was frantically directing well-heeled "Met"-goers to their seats in the Fox jungle . . . while at the same time trying to pass judgment on all the eligible low-cut gowns . . . when it occurred to me that there were eighty other tux-clad lads participating in "Operation Usher" . . . *all from Tech*. And there were twice that number who desired to but didn't make the grade as seat-searchers. A few others were carrying spears with the chorus on stage. These facts were indeed good meat for musing. So then and there I decided to think about this phenomena at the very first opportunity that presented itself.

The opportunity came during a rather lurid E.E. class that I'd like to take a WP in. I began. Has not the Glee Club taken Tech's name to the far corners of the globe? Does not DramaTech beg the "Hill" for permission to stage extra performances of every play so as to satisfy the drama-hungry masses? Have I not seen literally hordes of coat and tie bedecked Tech men at the Symphony and Ballet? Does not Beethoven, Bartok, . . . and admittedly, Brubeck, . . . thunder forth from myriad Hi Fi sets all over campus? I was truly amazed at the affirmative answer in all cases.

But the groping for culture among the neophyte Engineers does not limit itself to Atlanta's environs, nor indeed, the limits of the continent. All around Campus I hear talk of plans for a trip to Europe. And for every definite plan there are ten fervent wishes. It is for truth, an age of miracles. Engineers are thinking beyond the next decimal.

I'M THINKING again, and I'm thinking about another "miracle" of sorts that you might not know much about. It's a relatively new organization on Campus, (which, oddly enough, doesn't even have a 'key'), called the World Student Fund Committee, or WSF. This organization not only

proclaims to "foster international goodwill and understanding," but does something concrete about it.

Every year they put on a fund-raising drive among students and faculty for the express purpose of offering scholarships to deserving students from abroad so that they may spend a year in study at Georgia Tech. Each student is given a room in the dorms and extended an invitation to take his meals with one of the fraternities on Campus at the request of the fraternity. In this manner he has the opportunity to observe all phases of school activities, and a chance to meet and communicate with his fellow students.

This year WSF is trying to raise enough money to invite five students to Tech. Two of these scholarships are reciprocal arrangements, with Stuttgart, Germany, and Zurich, Switzerland, whereby a Tech student is offered a similar scholarship to those schools. Having been the recipient of the Stuttgart Scholarship last year, I can attest to the immeasurable value of this exchange program toward the principles upon which WSF is founded. It's truly a wonderful undertaking on the part of Tech, and one of which you can be proud.

THERE'S ANOTHER exchange going on at present on Campus in the form of the Annual Fuedin' Bee twixt the *Yellow Jacket* and the *Technique*, and between record-breaking tosses of the discus by Carl Vereen, it's the main topic of discourse. Being rather biased in my opinions—by virtue of a slight affiliation with the *Jacket*—I hesitate to take sides in the matter. But just for the scoreboard's sake, let it suffice to say that at this printing the *Jacket* is way ahead on points.

Speaking of points, those wheels with the most had the boom lowered on them last Friday night at the IFC Spring Dance. The "boom" consisted of ANAK president, Cecil Phillips' "tapping" arm. It was so dark on the tennis courts that Cecil would have been perfectly within his rights to do his tapping with a red and white cane, but somehow he managed to ferret out the deserving while Dean Ajax mouthed the monologue of honors attained by each of the BMOC's.

That taken care of, the faithful went back to wearing out their shoes on the asphalt to the . . . shall we say, "different" . . . melodic sounds issuing forth from Woody Herman and his "Third Herd"—a most poetic title for a band.

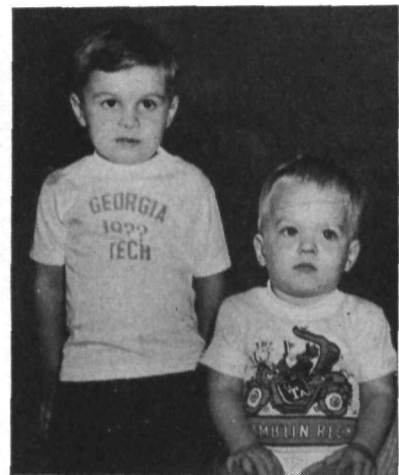
At any rate, most of the addicts to mill-end shirts and blue denim slacks voiced the opinion that Woody had a lot more to offer than "Moondog" and those great old American folk songs, "Shake, Rattle, and Roll" and "Hearts of Stone."

The College Inn Page

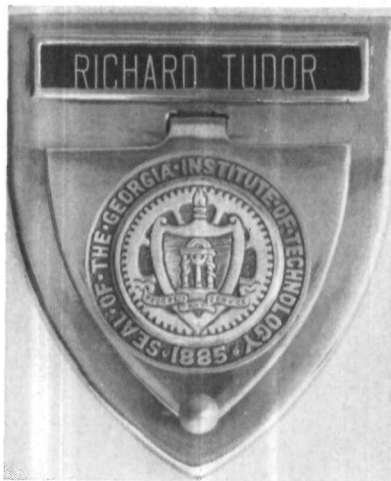
REPEAT OF A SPECIAL "T" SHIRT SALE

A repeat of last spring's well-received "T" shirt sale. We have replenished our stock and can offer them to you at a saving if you buy three at a time. They regularly sell for \$1.10 each — we offer them to you three for \$3.10 post and tax paid. The three shirts come in a package deal that includes one of each Tech style — Question Mark, Ramblin' Reck and Yellow Jacket (not shown). Sizes available are 2, 4, 6 and 8 in children's and 10 and 12 in youths. This offer is good only till the next issue of the *Alumnus* so order now.

Also available — adult "T" shirts in S, M and L sizes at \$1.25 each.

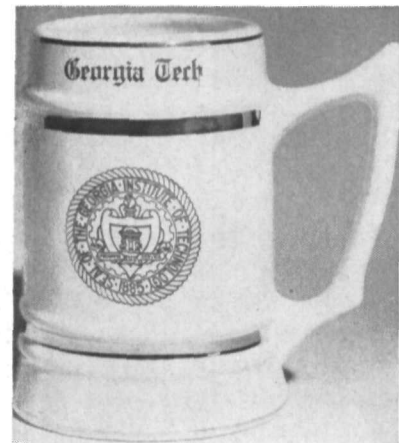


A Distinguished Tech Gift Item, solid brass door knocker with the official seal of Georgia Tech built in. Features space for a personal nameplate sent free to you by the manufacturer on request. \$15.00 postpaid.



Glasses — just the thing for those summer parties. Three styles — Tech seal, Yellow Jacket and Bowl game style. In 12, 10 or 7 oz. sizes. Only 55c each—state size and style.

The Best Tech Mug, this fine china mug is as useful as well as a decorator's item. School seal and name in gold. Your choice of white or black mug, \$3.25 each postpaid.



PLEASE SEND ME THE FOLLOWING INDICATED ITEMS—

No.	Item	Size	No.	Item	Style
.....	TECH "RAT" CAPS (\$1.35 each)	.....	.....	DOOR KNOCKER (\$15.00)	.....
.....	KIDS T SHIRTS (3 for \$3.10)	.....	.....	TECH MUG (\$3.25 each)	.....
			.....	GLASSES (55c each)	.....

I enclose my check for.....to cover the above items.

Name.....Address.....

MAIL WITH CHECK OR MONEY ORDER TO GEORGIA TECH COLLEGE INN, ATLANTA, GEORGIA

With the Clubs...



ATLANTA, GEORGIA — the Greater Atlanta Georgia Tech Club held its annual *Spring Blowout* on April 20 at Atlanta's Yaarab Temple. Over 120 members turned out to hear a panel discussion on "Intercollegiate Football" featuring panelists Bobby Dodd, Jimmy O'Callaghan, '37 (representing the Tech alumni), Cecil Phillips, '55 (representing the students) and Constitution Sports Editor Furman Bisher. Moderator for the program was Alumnus Editor Bob Wallace, Jr. After the panel discussion, a question and answer period was held.

During the business meeting, a report on T-game ticket sales was made by Alvin Barge, Jr., '41, and a Scholarship Committee report was presented by Mack Gibbs, '39. The club sponsors the T-game ticket sales in the Atlanta area and uses their share of the proceeds for a scholarship program (non-athletic) for deserving high school boys in this area.

New officers elected at the meeting included Allen Livar, '18, president; Oliver Sale, '26, vice-president; Alvin Barge, Jr., '41, vice-president; Ewell Pope, '50, secretary and Russell Bobbitt, '40, treasurer. The business meeting was presided over by retiring President Frank Willett, '45.

* * *

ATHENS, GEORGIA — For the first time in history, Coach Bobby Dodd traveled to Athens, Georgia to make a speech. The occasion was the March 15th meeting of the Athens Georgia Tech Club. 100 Tech alumni and their wives turned out to hear the Tech Athletic Director talk about Tech football right in the home of the Bulldogs. The editor traveled with Coach Dodd to be sure he could find the road to Athens and back. It had been twenty years since Coach Dodd had journeyed to Athens by automobile.

President Jimmy McLemore, '49, presided over the meeting and handled the introductions. One of Dodd's old pupils, "Butch" Bethea, '50, was elected as the new president of the club.

CINCINNATI, OHIO — twenty-one members of the Georgia Tech Club of Greater Cincinnati turned out for the March 21st dinner-meeting which was held in the University Club. Dr. J. W. Mason, Tech's Dean of Engineering, was the guest speaker for the meeting. Dr. Mason spoke on the present-day Georgia Tech and its educational policies.

A club trip to Knoxville, Tennessee to attend the November 5th Tech-Tennessee game was discussed. Mr. Harold Krantz, '43, will be in charge of arrangements for the trip.

The next meeting of the club is scheduled for September with the wives of the members as honored guests.

CHICAGO, ILLINOIS — Tech Industrial Engineering Professor W. N. Cox, Jr. was the guest speaker at the April 20th meeting of the Chicago Georgia Tech Club. Professor Cox spoke of present-day engineering education at Tech, the student activities and the campus building program.

During the business meeting, a resolution praising the administration of President Blake R. Van Leer was unanimously passed. The resolution was ably presented by David W. Harris, '12.

A Scholarship Committee was appointed for the purpose of investigating the feasibility of the Chicago Club establishing a scholarship to Tech for a deserving Chicago boy. Members appointed to this committee included David W. Harris, chairman; Warren Wheary, '26 and R. P. Stuntz '40. The committee will report its findings at the next meeting of the newly reorganized club. The next meeting of the club is scheduled within the next sixty days.

* * *

COLUMBIA, SOUTH CAROLINA — forty-nine of the sixty members of the Columbia Georgia Tech Club turned out to hear Tech's Bobby Dodd discuss "Prospects for '55" at their March 7th meeting. President Robert S. Paschal, '47, introduced Coach Dodd at the meeting which he called "one of the best the club had had since it reorganized in 1949."

A record crowd turned out for the Feb. 15th meeting of the Georgia Tech Club of Huntsville, Alabama. In the center of the speakers table are Coach Dodd (who was the speaking guest) and Mrs. Alice Dodd. The Huntsville Club — less than a year old — is growing fast.



Other officers of the club include O. P. Lyman, '29, secretary-treasurer; Bob Demerest, '50, membership chairman and Ed Ryckley, '43, program chairman. The next meeting of the club is scheduled for May and all South Carolina area alumni are invited.

* * *

GRIFFIN, GEORGIA — Charlie Simons, '37, Georgia Tech's No. 1 club starter, saw another of his pet projects get off to a flying start on March 14 when 115 Tech folks gathered for the charter meeting of the Griffin Georgia Tech Club. Feature speaker at the kickoff meeting was Coach Bobby Dodd, who spoke on "Tech's Athletic Program."

Other out-of-town guests at the meeting included Mr. and Mrs. Charles Simons of Gainesville, Coach and Mrs. Ray Graves, Mr. and Mrs. Paul Duke of Atlanta, Mr. and Mrs. Roane Beard and Mrs. Dodd.

President Lewis Beck, '06, presided over the meeting while President Dave Arnold of the Tech National Alumni Association and a leading Griffin citizen, handled the introduction of Coach Dodd and the other guests.

Assisting President Beck, Charlie Simons and Paul Duke, '45, in the club-formation plans were Nat H. Bailey, '22, J. Mac Cheatam, '33, Herbert A. Bolton, '32, Edward S. Crouch, '32, Cooper N. Mills, '38, and D. E. Williams, '44.

The meeting was concluded with the showing of the new Tech sound-color movie, "The Expanding Frontier."

* * *

HUNTSVILLE, ALABAMA — over 150 alumni, wives and guests were in attendance for the February 15th meeting of the Huntsville Georgia Tech Club held at the Huntsville Country Club. Guest speaker for the evening was Coach Bobby Dodd who spoke on "Tech's Athletic Program." Mrs. Alice Dodd was also a guest of the club.

President Greg Moshkoff, '48, was Toastmaster for the evening's program. And George Wilde, '26, handled the introduction of a group of Tech Co-op students working at the Redstone Arsenal who were guests of the club for this meeting. The pleasure of handling the introduction of Coach Dodd went to Fred Martin, '34.

The meeting was closed with the showing of the "Highlights of 1954."

At the Columbia, South Carolina meeting, Coach Dodd is flanked by (left) President Bob Paschal and Immediate Past-President Tom Daisley, '47. The March 7th meeting of this club drew an attendance of over 80 percent of all the Tech alumni in the Columbia area.



Scenes from the first meeting of the Griffin Georgia Tech Club held March 14th. In the top photo, President Dave Arnold of the Georgia Tech National Alumni Association introduces feature speaker, Bobby Dodd. In the other photo, club members fill up their plates at the buffet held just prior to the meeting attended by 115 Tech folks.

NEW YORK, NEW YORK — Coach Dodd and Dean George Griffin were the feature speakers at the annual Spring Meeting of the Georgia Tech Club of New York held in Reeves Sound Studio, April 28. 115 Tech men turned out to hear two of Tech's outstanding personalities talk about Tech.

President Hazard E. Reeves, '28, presided over the program and introduced the guest speakers.

As a parting gift, both Coach Dodd and Dean Griffin were presented silver trays from the club.

* * *

HOUSTON, TEXAS — The South Texas Georgia Tech Club held its spring meeting at Ellington Air Force Base on May 6 with 105 alumni and wives present.

During the business meeting, presided over by President Ed DeJon, '42, the following officers were elected for the coming year: Robert Melanson, '22, president; Palmer Greene, '42, vice-president; Don McNeil, '49, secretary and Herschel Miller, '45, treasurer. Elected to the Board of Directors were Ed DeJon, James Fryer, '40, R. G. Hill, W. E. Robinson, J. B. Dent, V. S. Dawson and Charles E. Salter.

Guest Speaker Roane Beard, '40, was made an honorary citizen of Texas by Gov. Shivers at a short ceremony before he talked about Tech and the Alumni Association. A dance rounded out the evening's festivities.

News of the Alumni

BY CLASSES



'02 *Issac Hardeman* of Louisville, Kentucky, died February 16 at his home. He is survived by his wife; son, Issac, Jr., and daughters, Mrs. Marion Gravely of St. Louis, and Mrs. Waring Best of Charlotte, N. C.

'04 *Paul P. Brinson*, 2010 A Portier Ct., Mobile, Ala., died January 13 of a heart attack. He had been with the Phillips Mfg. Co. for about 20 years. Surviving are his wife, who lives at the above address, and four sons.

'06 *Joseph S. Shaw*, CE, of 536 Manor Ridge Dr., N. W., Atlanta, died January 22. He is survived by his wife, who resides at the above address.

'08 *George W. McCarty*, ME, Board Chairman of Ashcraft-Wilkinson Co., Atlanta, recently spoke at the groundbreaking ceremonies of the 30 million dollar Escambia Bay Chemical Corp. near Pensacola, Fla. Sales of the plant's many petrochemical products for industrial and agriculture uses will be handled exclusively by the Atlanta firm headed by Mr. McCarty.

'12 *Henry L. Collier* of Atlanta, former all-Southern baseball pitcher at Georgia Tech, died at Eau Gallie, Fla. March 12. He retired from business two years ago and went to Fla. He is survived by his wife and one son.

'13 *Roscoe J. Spence* of Chamblee, Ga., died April 30. He was a field engineer for the G. Whitfield Richard Co. of Philadelphia. Mr. Spence was a member of the football team while at Georgia Tech. Surviving are his wife; brothers, Roy N. and Clarence T. Spence, all of Atlanta; O. H. Spence of Jacksonville; Richard T. Spence of Athens; sisters, Mrs. J. C. Conner and Mrs. J. Partain; and one daughter, Mrs. F. A. Routa of Los Angeles.

William DeWitt Calhoun, of Rockmart, died January 28 at Sandersville, Ga. after a long illness. No further information was available at this writing.

'15 *Clyde M. Wood*, CE, recently had conferred on him by the American Society of Civil Engineers, the title of "Life Member," a rare and distinguished honor. Mr. Wood, president of Automatic Sprinklers do Brazil, SA, was honored by a testimonial dinner on March 26, given for him by the Brazil section of ASCE in recognition of his many distinguished achievements in the engineering and industrial worlds.

'16 *Paul R. Yopp*, ME, District Manager of Babcock & Wilcox, was awarded a medal by the Atlanta Section of the American Society of Mechanical Engineers as "the member who has done the most to further the aims and objectives of the Society." Mr.

Yopp is past Regional Vice President of ASME.

'18 *Hooper Alexander, Jr.* of Waynesville, N. C., formerly of Atlanta, died March 6 at his home. He was associated with the Mottinger Motor Co. in Waynesville. Surviving are his wife of 111 Hospital St., Waynesville, and three daughters and one son.

'21 *Joseph Whitner*, EE, has been promoted to the rank of Division Engineer, South-Eastern Underwriters Assoc. He has been in the Atlanta office since 1925 in electrical work. His business address is 327 Trust Co. of Ga. Bldg., Atlanta.

'22 *Samuel Gray Holmes*, of Griffin, Ga., died March 6 at his home. He is survived by his wife and two daughters.

Robert A. McKay, TE, southeastern textile sales manager for Reed's Brothers of N. Y., died unexpectedly April 26 at his home in Atlanta. Mr. McKay had been with Reed Brothers for about two years, previously serving as SE manager with Wellington and Sears for 20 years. Survivors include his wife and daughter and one son, all of 3915 Vermont Rd., N. E., Atlanta.

'26 *John P. Tabor*, EE, outside plant maintenance engineer for the Long Lines Dept. of the American T. & T. Co., has been transferred to the company's special projects group at their New York headquarters.

'27 *Benson L. Skelton*, of Tallahassee, Fla., has been appointed secretary-treasurer of the Southern Bakers Association, Inc. His office is in the Henry Grady Bldg. in Atlanta.

'30 *Herbert O. Jeffries, Sr.*, Veterans Administration appraiser, died April 4 in Atlanta. Surviving are his wife and one daughter, Miss Aileen Holden, both of 190 Beverly Rd., N. E., Atlanta.

'32 *C. C. Callaway, Jr.*, Arch, has been appointed Baltimore Branch manager for the Owens-Corning Fiberglas Corp. Prior to his appointment he was in charge of Fiberglas commercial sales of the Washington, D. C. office.

Louis S. Dozier, CE, has been elected vice-president of Batson-Cook Co., West Point, Ga. After graduation he was engaged in railroad, highway and building construction until called to active duty in 1939 with the Civil Engineer Corps of the Navy. He was in charge of the design and construction of Naval facilities at Banana River, Fla., Norman, Okla., and Dublin, Ga. and served with the Seabees in the Western Pacific and Japan, attaining the rank of commander. Mr. Dozier has been with Batson-Cook Co. since 1946. His mailing address is P. O. Box 43, West Point, Ga.

'33 *Thomas W. Benton* has been named manager of the sheet and strip products of the sales department of U. S. Steel's Tennessee Coal and Iron Div., Fairfield, Ala. He was formerly manager of sales at the New Orleans office, later serving in the same capacity at Memphis, Tenn.

'34 We were recently notified that *Wilbur B. Petersen* of 3 Birch Hill Rd., Worcester, Mass., died last June 29 of a heart attack.

'35 *Capt. Henry M. Dozier*, pilot with United Air Lines, was killed April 4 during a routine check flight which every pilot is required to take every six months. The crash occurred at MacArthur Airport as the DC-6T (trainer) took off. Two other veteran pilots were killed in the same crash. The cause of the accident was not available at this writing. Capt. Dozier is survived by his father, who lives in Columbus, Ga.

William F. Register, Jr., Ch.E., who has served as Deputy Commander of the Ordnance Unit Training Center and CO of the 80th Ordnance Group at Red River Arsenal, has been promoted to the rank of full colonel. Col. Register and his family reside at Quarters 25, Red River Arsenal, Texarkana, Texas.

'37 BORN TO: *Jack Herschel Tribble*, Ch.E., and Mrs. Tribble, a son, Henry Mathews, March 26. Mr. Tribble's business address is P. O. Box 34, Aberdeen, N. C.

'38 *Harold G. Bell*, ME, of 2711 Lane Park Dr., Birmingham, Ala., died last February of a heart attack.

James E. Pierce, CE, has been named manager of the hot-rolled sales department of Jones & Laughlin. His home address is 167 McClellan Dr., Pittsburgh, Pa.



New Gainesville Rotary President is Charlie Simons, IM '37. Charlie, a member of the National Alumni Association's Board of Trustees, is also the new head of the Gainesville Georgia Tech Alumni Club. He is President of the Chattoochie Furniture Co. and the Orchard Hill Lumber Co.

'39 ENGAGED: *William Denson Hughes, Jr.*, Ch.E., to Miss Adele Loker. The wedding will take place May 21 in New Orleans.

BORN TO: *William B. Johnson, Jr.*, TE, and Mrs. Johnson, a son, William Beverly, III, April 5. Their home address is 2186 Brookview Dr., N. W., Atlanta.

'40 BORN TO: *John W. Cherry* and Mrs. Cherry, a son, Byron Wight, April 17. Their home address is 101 Alden Ave., N. E., Atlanta.

'41 *Morris M. Bryan, Jr.*, TE, has been elected president of the Cotton Mfrs. Assoc. of Ga. He is one of the youngest men ever to head the organization. Mr. Bryan has been president of Jefferson Mills at Jefferson, Ga. since 1948.

'43 BORN TO: *Joseph P. Walker, Jr.*, IM, and Mrs. Walker, a daughter, Helen Clarissa, January 31. Mr. Walker is with the Equitable Securities Corp., Birmingham, Ala.

'45 BORN TO: *Harold B. Swygert*, ME, and Mrs. Swygert, a son, Steven Carr, Dec. 28. Mr. Swygert is with the J. E. Serrin Co. Their home address is 24 Gatling Ave., Greenville, S. C.

'47 MARRIED: *Jones Clinton Lifsey, Jr.*, EE, to Miss Shirley Ann Evans, April 16 in Atlanta.

'48 *Robert B. Watkins*, TE, is now with the Riegel Textile Corp. at Trion, Ga.

'49 BORN TO: *Norman H. Causey, Jr.*, ME, and Mrs. Causey, a son, Terry McDaniel, March 6. Mr. Causey is an area engineer, Petroleum Engineering Section, Atlantic Refining Co. Their home address is 406 S. 67th East Ave., Tulsa, Okla.

ENGAGED: *Justin Gardner Coburn*, IM, to Miss Virginia Griscom. Mr. Coburn is associated with his father as a publisher's representative in Atlanta. His address is 3 Villa Dr., N. E., Atlanta.

MARRIED: *Lawrence Rensselear Coleman* to Miss Deloris Graham, April 23. Mr. Coleman is a sales engineer with Dealers Supply Co. in Atlanta.

BORN TO: *Edwin King Nelson, III*, GE, and Mrs. Nelson, a son, Edwin King, III, March 10. Mr. King is a power sales engineer with the Tampa Electric Co., Tampa, Fla.

'50 *Charles M. Allen*, EE, is now with Westinghouse Electric Corp., Air Arm Division in Baltimore, Md. His address is 1215 Sulphur Springs Rd., Baltimore 27.

Joseph H. Andrews, Jr., EE, is now with International Minerals & Chemicals Corp. His home address is 1560 Imperial Ave. So., Bartow, Fla.

BORN TO: *John H. Beach*, IM, and Mrs. Beach, a son, John, Jr., Dec. 2, 1954. Mr. Beach is a trade relations representative with the Curtis Publishing Co. His home address is 59 Lakeland Dr., N. E., Atlanta.

BORN TO: *John Chapman*, IM, and Mrs. Chapman, a son, Edward Owens, April 13. Their address is 36 Roswell Ct., N. E., Atlanta.

Robert H. Chapman, ME, recently received his MS in ME from the University of Tennessee. He is employed by the Oak Ridge National Laboratory as a design engi-

neer. His address is 106 E. Holston Lane, Oak Ridge, Tenn.

ENGAGED: *Samuel G. Green, Jr.*, ME, to Miss Kathryn Hairston. Mr. Green is employed by the Chesapeake and Potomac Telephone Co., Washington, D. C.

BORN TO: *Henry C. Choate*, TE, and Mrs. Choate, a daughter, Linda Susan, March 29. Mr. Choate is with the American Associated Ins. Companies, Engineering Div., Orlando, Fla. Their home address is 306 Lakeland Ave., Apt. 1208.

Nicholas R. Crisler, Ch.E., has been named shift supervisor with the Diamond Alkali Co. at Sheffield, Ala. His home address is 1717 Jackson Hwy., Florence, Ala.

MARRIED: *Calvin Lee Pratt*, AE, to Miss Liz Stewart, April 8. Mr. Pratt is with the Chance Vaught Aircraft Corp., in Dallas, Texas.

BORN TO: *William H. Russell*, EE, and Mrs. Russell, a son, Harry Douglas, March 23.

'52 ENGAGED: *Eugene Barclay Norris*, Ch.E., to Miss Beverly Rowlain. The wedding will take place in June in Atlanta. Mr. Norris is currently an engineer for Southern Natural Gas Co. in Birmingham and will enter Columbia Theological Seminary in September.

Lt. William S. Cline, IM, is participating in the All-Army basketball tournament at Ft. Benning. His permanent address is 304 Link Ave., Salisbury, N. C.

ENGAGED: *F. Rigdon Currie*, IE, to Miss Sally Churchill. The wedding will take place June 11 in West Hartford, Conn. Mr. Currie is currently attending Harvard School of Business.

Donald H. Gore, EE, recently completed his tour of duty with the Army and is now a student engineer in the Commercial Engineering Dept. of the Fla. Power & Light Co. His home address is 3194 SW 13th St., Apt. 3, Miami, Fla.

ENGAGED: *Joseph Alexander Hall*, IM, to Miss Martha Elizabeth Grafton. The wedding will take place in May. Mr. Hall recently received his commission and will enter the Army in June.

ENGAGED: *Lt. Robert James Hefner*, USN, Ch.E., to Miss Alice Orem. The wedding will take place in early summer.

Thomas R. Hitz, Jr., EE, has joined the Stanolind Oil and Gas Co. at North Cowden, Texas.

Charles W. Jackson, EE, was recently transferred to the Jacksonville, Fla. office of the American Tel. & Tel. Co. His home address is 5605 Auburn Rd., Apt. B, Jacksonville, Fla.

BORN TO: *Marshall Katz*, CE, and Mrs. Katz, a son, Solomon Katz, Feb. 19. Their address is Wales Gardens Apts., Columbia, S. C.

Edward R. McKenna, Jr., IM, resident salesman for the Owens-Corning Fiberglas Corp. in Miami, Fla., has been named to the firm's Sales Builders' Club for 1955 for outstanding sales achievement in 1954. His address is 6245 SW 82nd St., Miami, Fla.

more news on page 24

WHAT'S THE BEST
AGE TO BUY
LIFE INSURANCE?

MY CHILDREN
ARE VERY YOUNG
AND MY SALARY
IS STILL PRETTY LOW.
I KNOW I PROBABLY NEED
MORE LIFE INSURANCE,
BUT SHOULDN'T I
WAIT TILL I'M A
LITTLE BETTER OFF?

WHAT'S THE BEST
WAY TO PAY FOR
LIFE INSURANCE?


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CARL S. INGLE, CLU, '34, Jacksonville

ALBERT P. ELEBASH, CLU, '34, Montgomery

HOMER LEE NEWSOME, '50, Savannah

The NEW ENGLAND
MUTUAL  Life Ins. Co.
of Boston

John E. Pippin, EE, has been awarded an RCA- Pre-doctoral Fellowship in electronics for the academic year 1955-56. The award was made by the National Academy of Sciences, National Research Council. He will attend Harvard under this fellowship this coming year. His address is 303 F Holden Green, Cambridge 38, Mass.

ENGAGED: Donald L. Tedder, IM, to Miss Martha Evenly Wilson. The wedding will take place June 11. Mr. Tedder is with Calvert Iron Works, Inc., in Atlanta.

'53 ENGAGED: Lt. Thomas L. Alnutt, EE, to Miss Hannah Jackson. The wedding will take place in early summer. Lt. Alnutt is in the Naval Air Corps and is stationed at Quonset Point, R. I.

William Crabbe, IM, recently addressed the Rotary International at Martins Ferry, Ohio. He is production engineer with Wheeling Steel Corp., Steubenville, Ohio.

ENGAGED: Abraham Alvin Esral, Ch.E., to Miss Faye Marie Diamond. The wedding will take place June 19. Mr. Esral is a research engineer with the Tenn. Corp. Research Laboratories, 900 Roosevelt Hwy., College Park, Ga.

MARRIED: Lt. Edward Glenn Kerr, EE, to Miss Dorothy Faye Jackson, May 1 in Atlanta. Lt. Kerr is stationed with the U. S. Army Signal Corps at Ft. Huachuca, Arizona.

Lt. Frederick A. Kilpatrick, CE, recently received a certificate of appreciation at Fort Sam Houston. Lt. Kilpatrick is a sanitation engineer, instructing in the school's preventive medicine branch.

ENGAGED: Augustus John Merkle, III, IM, to Miss Joan Gunning. The wedding will take place in June. Mr. Merkle is with the Army at Redstone Arsenal, Ala.

Thomas E. Methvin was recently promoted to the rank of first lieutenant while serving with the 5th Infantry in Germany. He is a platoon leader in Co. B of the division's 11th Regiment. His permanent address is Jeffersonville, Ga.

ENGAGED: William T. Quinn, CE, to Miss Nina Clair Veal. The wedding will take place June 19. Mr. Quinn is an engineer with the Tennessee Valley Authority in Knoxville.

Lt. John E. Vines, IM, is serving with the 29th Regiment, Co. M, at Ft. Benning, Ga. His wife resides at 1609 Clavendon Ave., Bessemer, Ala.

ENGAGED: Lt. Matthew Lower Virden, III, Arch, to Miss Kathleen Lagarde. Lt. Virden is stationed at Ft. Benning, Ga.

'54 MARRIED: Lt. John Anderson Bobo, IE, to Miss Nancy Evans Hall. The wedding took place April 23. Lt. Bobo has been assigned to the Rhine-Main AFB near Frankfurt, Germany.



Looking over the *Alumnus* are new executives of the Young Presidents' Organization in Miami. Allen Morris, '36, (left) is the chairman, and Guy Bailey, '40, is the secretary of this organization of presidents of corporations doing \$1 million per year in sales and employing at least 100 people.

ENGAGED: Ens. James William Gotcher, Jr., IE, to Miss Barbara Palmer. The wedding will take place in early summer. Ens. Gotcher is currently in flight training at the NAS, Hutchinson, Kans.

MARRIED: John Richard Harwell, IM, to Miss Letitia Grafton, April 2 in Staunton, Va. The couple returned to Atlanta where Mr. Harwell is associated with the Aluminum Co. of America. He will enter the AF in May and will be stationed at Keesler Field, Biloxi, Miss.

James B. Parten, EE, has joined Bankers Life Co. of Des Moines, Iowa as manager of the company's Atlanta branch.

Naval Aviation Cadet Robert P. Reimert, IE, is stationed at Whiting Field, Milton, Fla. His permanent address is 4510 Clairmont Rd., Chamblee, Ga.

ENGAGED: Guy Harry Schneider, Arch, to Miss Shirley Dunn. The wedding will take place June 4. Mr. Schneider will report for active duty with the AF at Donaldson AFB, Greenville, S. C. on June 15.

MARRIED: William Kendrick Upchurch, Jr., CE, to Miss Anne Bowman, April 29 in Montgomery, Ala. Mr. Upchurch is in the construction business in Montgomery. His business address is P. O. Box 1189.

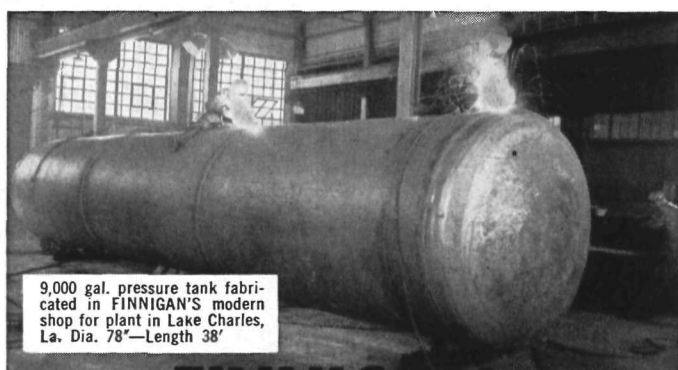
Ens. Franklin P. Williams, Jr., IE, USN, is serving aboard the attack ship USS Chara which took part in the Tachen Islands evacuation.

'55 ENGAGED: Lt. Robert D. Brewer, IE, to Miss Jean Neblitt. The wedding will take place May 28. Mr. Brewer is serving with the Army at Anti-aircraft and Guided Missile School, Fort Bliss, Texas.

MARRIED: Robert F. Cook, Jr., IE, to Miss Mary Diane Davidson, March 26.

MARRIED: John Cobb Dennis, Jr., Arch., to Miss Katherine Thorpe, April 22. Mr. Dennis is associated with Dennis and Dennis, Architects in Macon, Ga.

ENGAGED: John Elliott Dugger, Arch., to Miss Malva Jean Drew. The wedding will take place in early summer. Mr. Dugger received his commission in the army upon graduation in March.



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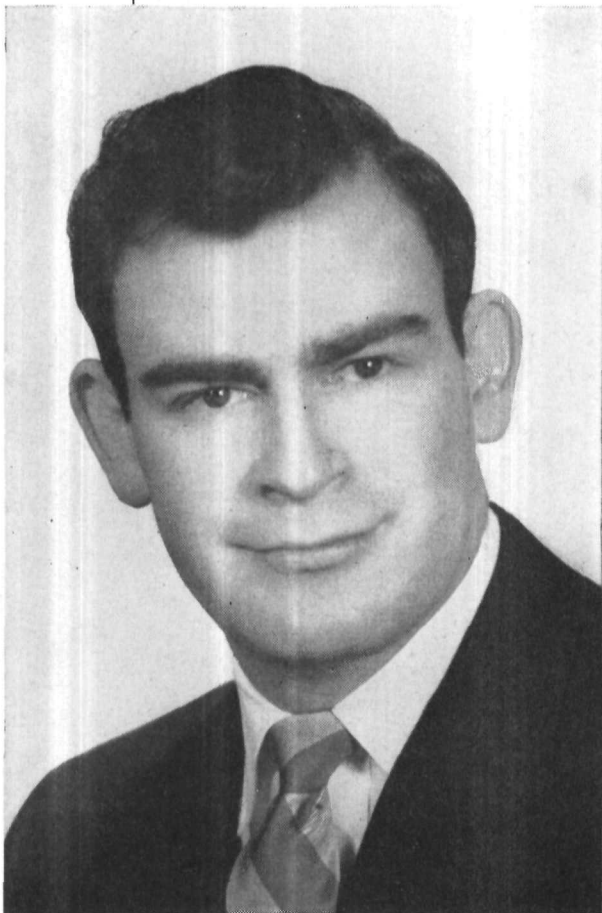
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A New England Mutual Agent answers some questions about

the money a man can earn selling life insurance

FIVE YEARS AGO, Bob Yackels was a senior at Michigan State College. Today, he's the New England Mutual agency manager in Davenport, Iowa — an impressive example of the opportunities a career with New England Mutual can offer a man. There are more than 900 other college trained New England Mutual agents. Their careers also prove that, in life insurance, income is in direct proportion to industry and ability.



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"I'll give you an example of five new men who were trained as a group in one of our eastern agencies. They were between 24 to 31 years old. Only one had any previous experience in life insurance. By the end of the first year their incomes ranged from \$3532 to \$5645. With renewal commissions, first year earnings would be from \$5824 to \$9702. The average: \$7409."

How does the Company help the agent get started?

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"One of our Company associations, 'The Leaders', has a membership of nearly 350 successful agents, most of them veterans. Take the average Leader. He's 46 years old, married, with two children. He's a college man, owns his own home, and earns \$16,000 a year. But there's no ceiling on earnings or waiting for opportunity. Your own efforts and ability pay off directly."

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"The Company has a proved selection process for determining your aptitude and will tell you frankly what your chances are for success. If you're interested, write Vice President L. M. Huppeler, 501 Boylston Street, Boston, Massachusetts. No obligation will be implied, either way. Or if you want, send first for the booklet below. It tells why 17 men chose a business career in life insurance selling."



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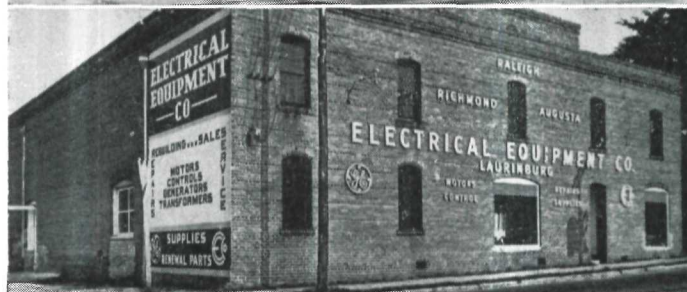
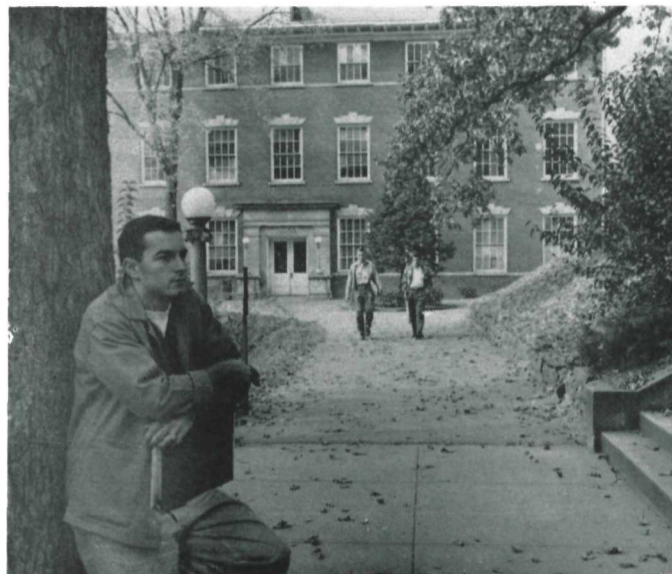
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Next Issue

The Georgia Tech
Alumnus

THE JULY ISSUE will be devoted to *The Year in Summation*, a comprehensive report to the alumni on the state of the institution as of the close of the 1954-55 school year. Thus, with our first regularly scheduled summer issue, we are inaugurating a feature that we hope will be an annual one. Reports from the General College, the Engineering College, the President, the students, the Athletic Association and the Alumni Association will be among the features of this issue. Be sure to look for it in July.



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