SHARING with the other railroads of America in a colossal wartime task. Transporting men and weapons, in vast quantities, to ports of embarkation, in record-breaking time. That is the duty and privilege of the N. C. & St. L.

With victory this same spirit will be concentrated on helping to lengthen the giant strides made by southern agriculture and industry.

What an opportunity for industry seeking new plant locations or sites for relocating plants! For in this area unlimited natural resources and raw materials lie at industry’s very doorstep. They include vast deposits of coal, limestone, clays and other equally valuable commercial minerals. Iron, bauxite, timber, cotton are all abundant in the Southern Region and close to logical sites for manufacturing and assembly.

Combine with the works of bountiful nature, a pool of intelligent, skilled labor and low cost hydro-electric power and you have the reason for the intense interest manifested by capital and enterprise in the South.

An experienced and efficient department is at your service to furnish detailed facts and figures. A member of its staff will gladly explain why wise industrialists are choosing the South. Inquiries will be held in strictest confidence. Phone or write: J. A. Senter, General Development Agent, Nashville, Tennessee.

THE NASHVILLE, CHATTANOOGA AND ST. LOUIS RAILWAY

N.C. & S'L.
Life hangs by such threads

WANTED: Something to keep flyers from freezing. So engineers developed electrically heated goggles, shoes, suits... Something dependable to guide pilots in fog and dark. So engineers devised electrically driven gyroscopic instruments. Something automatic to keep engines from overheating or cooling. And now comes an electric control the pilot needn't touch.

Working day and night, G.E.'s research and engineering staff has solved hundreds of such problems. The pictures here show how a few have been met. Through research come better electrical products and processes—in war or peace. General Electric Company, Schenectady, N.Y.

Eyelids can freeze shut when you're 7 miles up! Electrically heated goggles, developed by G.E. engineers, have fine wires embedded in plastic lenses. With G.E.'s electric blanket as a start, G.E. engineers designed electrically heated flying suits, heated gloves and shoes being made in three G.E. plants.

Toughest problem was to devise heated gloves with thin wires strong enough to stand constant flexing.

Before it's built, they know how it will fly! 18,000 horsepower of G.E. motors blow winds faster than a pursuit plane can fly. Testing model planes and parts up to full size and speed in wind tunnels like this helps get new airplanes perfected quicker.

Flyers' lives often depend on their instruments. G.E. workers use only tweezers to handle these precious parts of electrically driven gyroscopic instruments, dry them with air jets, oil them with hypodermic needles. They're got to be accurate.

Making night landings safer. Engineers adapted the G.E. "Sealed Beam" auto headlamps into war use—G.E. airplane landing lamps 20 times brighter than those on your car. Sealed against dust, dirt and salt water damage, they cut down the peril of high-speed landings.

* * *

Hear the G.E. radio program: The G.E. All-Girl Orchestra, Sunday 10 p.m., EWT, NBC—The World Today news, Monday through Friday 6:45 p.m., EWT, CBS—The G.E. House Party, Monday through Friday 4:00 p.m., EWT, CBS.

FOR VICTORY—BUY AND HOLD WAR BONDS
A sailor wrote this in a letter to us after coming off a night watch at sea in the tropics. He was asking about his privileges as a veteran under the G.I. Bill of Rights, and what his chances would be for a post-war job.

These questions are close to the heart of every fighting man, for we've had thousands of similar requests for information from all branches of the service, and from every combat theater, as well as from men already demobilized.

To give them complete answers, we have put together a 40-page booklet, "Information for Veterans," described at the right. It's free. We shall be glad to send it to you forward to your son, husband, or friend in the service. It contains information he wants.

If you yourself are a veteran just going back into civilian life, you will find the booklet especially timely. Address us at 501 Boylston Street, Boston, Massachusetts.

Men in the Armed Forces... If this magazine happens to reach you and you would like us to send you the booklet, write to us direct.

HERE'S A SAMPLE OF THE CONTENTS:

Highlights of the "G.I. Bill of Rights"—
How to continue your education, guidance on loans, benefits, etc.

Your National Service Life Insurance—
How to keep it in force, how to reinstate, and convert, with rates.

The word on—
Mustering-out pay, pension privileges, hospitalization, vocational training, Federal income tax, etc.

What kind of a post-war job?—
And where you fit in the picture.

New England Mutual
Life Insurance Company of Boston

George Willard Smith, President
Agencies In Principal Cities Coast to Coast
The First Mutual Life Insurance Company Chartered In America—1835

These Georgia School of Technology and hundreds of other college men, represent New England Mutual:

*G. Nolan Bearden, '29 Los Angeles Harvey Granger, '22 Savannah

WE HAVE OPPORTUNITIES FOR MORE GEORGIA SCHOOL OF TECHNOLOGY MEN... WHY NOT WRITE DEPARTMENT N-5 IN BOSTON?

*With U. S. Armed Forces.
President Franklin D. Roosevelt

Ours is but a “voice in the wilderness”, sadly a belated one, at that, as the preceding number of this publication was issued in March; yet, like the millions from the four corners of the earth in whom he was so vitally interested, we are humbly bowed in reverence and deep grief at the passing of our dynamic Commander in Chief and beloved world leader, President Franklin Delano Roosevelt.

One of the greatest and most just internationalists of all times—his loss is irreparable and grievously will he be missed.

We are so very small and can comprehend so very little of the acts of Divine Providence, but we can put every trust in the belief that it was omnisciently willed for President Roosevelt to depart this world at the height of his forever merited glory; and we can assure ourselves that his spirit will well guide and see over everything that redounds to the good of this sorely troubled earth.

In the midst of glorious victories and on the eve of a far-reaching peace toward which his tireless and self-sacrificing efforts had contributed so much, and at the dawn of the United Nations’ Conference which he ardently sponsored—the death of President Roosevelt was, indeed, a tragedy; albeit, “Ours is not to reason why” for surely there must be much that is eternal with it all.

Despite our inability even to begin to express our feelings, we are grateful in the knowledge that history will record his remarkable, superhuman work and everlasting greatness.

Faculty Appointments Promise Much

(Through the courtesy of the ATLANTA CONSTITUTION, this meaningful editorial is reprinted under its original heading from the March fifteenth edition of the paper.)

“Appointment of four outstanding men in the engineering field to faculty posts at Georgia Tech is a splendid indication of the progress being made at that institution under the energetic direction of President Blake Van Leer.

The fact that Tech has been able to attract men of the caliber of Cherry Emerson, Dr. Robert I. Sarbacher, Lt. Col. Thomas H. Evans and Lt. Col. Frank F. Groseclose to its already excellent faculty is evidence enough that plans to make it the equal of any technical institution in the world have a recognized chance of attainment.

Especially is it gratifying that Cherry Emerson has returned to the school which his beloved father served so well for so long. Still a young man, Mr. Emerson is recognized as one of the nation’s most capable engineers. He has done outstanding work in the field and steps down from a highly lucrative executive position to do a job for his Alma Mater and the South.

The outlook for the creation of a top-ranking engineering school in the South grows increasingly bright. Men with the background of Emerson and the other worthy additions to an already unsurpassed faculty will serve to attract additional students and prestige to Tech.

Georgia and the South are proud of Tech’s fine history of service, and they are anticipating even finer things in the years which lie ahead.”
National Alumni Officers Nominated

Nominations for officers of the Georgia Tech National Alumni Association, covering the 1945-'46 term, were closed on April 21, in accordance with the nomination notice in the March issue of the GEORGIA TECH ALUMNUS; and it is a pleasure to announce the unanimous approval and selections for the period beginning September 1, as follows:

For President: Frank A. Hooper, Jr., 1916.
For Vice-President: Lawrence Willet, 1918.
For Vice-President at Large: John L. Davidson, 1915.
For Treasurer: Baxter Maddox, 1922.

Repeating the information carried in the March number of this publication, brief summaries of the business and civic activities of the foregoing prominent and capable nominees, are:

Frank A. Hooper, Jr., 1916, B.S., L.L.M., Atlanta, Ga., present vice-president of the National Alumni Association, as elected last year by the alumni. A Georgia State Legislator from 1925 to 1928; former Judge Georgia Court of Appeals; Judge Fulton County Superior Court, outstanding in state and local activities, experienced alumni board member, familiar with Alumni Foundation matters and general alumni work.

Lawrence Willet, B.S. in C.E., 1918, Rhodes-Haverty Bldg., Atlanta, Ga. An Alumni Board member, outstanding in state, civic and Georgia Tech affairs and development, experienced and most helpful to Georgia Tech and to the Alumni Association.


As stated, the foregoing alumni have been unanimously nominated to succeed your present able and outstanding officers who have done so much and so well for Georgia Tech, the students, and the Alumni Association, and you are to be congratulated on their nominations.

Like your present officers, your nominees have also done many fine and big things for the school, the students, and the Alumni Association, and you are to be congratulated on their nominations. All active members of the Alumni Association, who desire, should send in their votes in confirmation of the announced nominees, by June 21. It is also requested that you name your own class secretary, on your ballot; using the form below or one similar to it.

**BALLOT FOR NATIONAL ALUMNI OFFICERS, 1945-'46**

(See Foregoing Article)

I hereby vote for National Georgia Tech Alumni Association officers for the year 1945-'46, as follows:

- President
- Vice-President (Atlanta District)
- Vice-President (At Large)
- Treasurer
- Class Secretary (for my Class)

Signed ____________________________
Class _____________________________

Not Good Unless Signed

Mail ballot to the Secretary, Nat'l Alumni Assn., Georgia School of Technology, Atlanta, Ga.
Dinner To Honor Coach Alexander

An elaborate dinner has been planned by the alumni for Friday night, June 22, during Commencement, in honor of Coach W. A. Alexander who is now Director of Athletics and Physical Training, after 25 years of highly successful leadership and coaching at Georgia Tech.

The dinner will be for men and will be held at 7:30 P.M., in the Civic and Dinkler Rooms of the Ansley Hotel, Atlanta; and all alumni, other friends, members of the faculty and student representatives are cordially invited to attend. Due to present conditions, unfortunately, the attendance will have to be somewhat limited; so, to those of you who will be able to be present, it is suggested that you be among the first to make reservations.

More detailed information will be sent through the mails and otherwise announced; however, orders will be taken now for the dinner, at $2.50 a plate, through the Georgia Tech Alumni Office, Tech Y.M.C.A. Building, Vernon 8540.

Reunions

In compliance with the continued request of the Government that class reunions be restricted to the immediate vicinity of the college, there will be no particular reunions; however, quite a number of visiting alumni will necessarily be in Atlanta on June 22, and they are cordially invited to join with their classmates and the other alumni, in general, and to arrange themselves into class groups at the dinner.

COMMITTEES

C. L. Emerson, President of the Georgia Tech National Alumni Association, has appointed the following alumni as committee chairmen, for the dinner:

Robert H. White, Jr., General Chairman
F. A. Hooper, Jr., Presiding
Joel C. Harris, Chairman for Speakers
Joe Westbrook, Chairman—Place, Menu, Decorations, Loud Speaker, Entertainment
M. A. Ferst, Chairman—Place Cards and Seating
L. F. Kent, Chairman—Programs and Tickets
Lawrence Willet, Chairman—Gift, Resolution, Engraving
Otis Barge, Chairman—Invitations and Guests
Wm. K. Jenkins, Chairman—Publicity
Baxter Maddox, Chairman—Finances
Oscar G. Davis, on General Chmn. Comm.
Joe Westbrook, Chairman—Place, Menu, Decorations
L. F. Kent, Chairman—Gift, Resolution, Engraving

We repeat, MAKE YOUR PLANS NOW FOR THE BIG ALUMNI DINNER IN HONOR OF COACH W. A. ALEXANDER, DURING COMMENCEMENT, ON FRIDAY, JUNE 22, AT 7:30 P.M. IN THE CIVIC AND DINKLER ROOMS, ANSLEY HOTEL, ATLANTA.

Reservations at $2.50 each may be made by writing the Georgia Tech Alumni Office, Georgia Tech, or by telephoning Vernon 8540. Further announcements will follow.

Tech Building Funds Recommended

It was announced on April 14 that the special commission of the Georgia State Legislature, appointed to investigate pressing needs of the University System, had recommended that $2,000,000 be appropriated at once for very necessary and important new buildings at Georgia Tech.

This vital recommendation ties in with the comprehensive expansion plans of the college and it is a source of great gratitude. The fund is primarily for enlargement and the replacement of present old and inadequate structures; and the action makes it all the more necessary for additional funds to be obtained by the Alumni Foundation and from other sources to secure endowments for chairs, research, and other important developments that will not be provided for otherwise.

The special commission toured the college on April 10 and approved the plans for the new Academic-Library-Administration Building group; and stated that Georgia Tech would be given top priority in the allotment of funds for the purpose of enlarging and improving its plant.

Visiting Committee

Members of the Senate-House Investigating Committee that visited the campus in the company of Dr. S. V. Sanford, Chancellor of the Board of Regents, were: Wallace Harrell, William B. Freeman, William H. Wall, and James J. Baggett from the senate.

Members of the House on the committee included: Charles L. Gowen, Robert E. Cheshire, Wayne Hinson, Otis A. Brumby, James Evitt, Jr., David J. Arnold, and Ben W. Fortson, Accompanying the committee were Frank C. Gross, President of the Senate, and Roy V. Harris, Speaker of the House.

Planning Report

According to the Georgia School of Technology Advanced Planning Report of December, 1944, the new academic building is scheduled for completion this year, with the addition of a library, administration building, and museum to be added in 1946.

Also scheduled for construction this year is a new textile building at a cost of $455,000.

The report proposes a total expenditure of $7,500,000 through 1950, with $6,000,000 to be spent on new buildings, $900,000 for land additions, and $600,000 for new equipment.

Next "Alumnus" in September

July and August are the usual summer "sign-off" months for the GEORGIA TECH ALUMNUS until September; however, the Alumni Office in the Georgia Tech Y.M.C.A. Building will be busily engaged throughout the summer on expansion work and in securing and compiling personnel data, in addition to its usual placement activities and many other duties.

In the meanwhile, we devoutly trust that the war with Japan will also be over, so conclusively and victoriously for our great nation and gallant allies; and further heaping everlasting and glorious credit upon our grand men and women everywhere—to whom we are, and shall be, forever grateful.
Alumni Clubs Hold Large Meetings

Savannah

Heartily co-operating with the Club plans of the Georgia Tech National Alumni, the Georgia Tech Club of Savannah, Georgia, held a great dinner on the night of April 30, at the DeSoto Hotel. There were about fifty persons present, among whom were several leading industrialists and other prominent citizens of the city.

President Hugh Hill of the Savannah Club presided at the meeting; he also saw to it that President Van Leer of Tech, along with Joel C. Harris, Alumni Board Chairman of Club Organization; C. L. Emerson, President of the National Alumni Association and R. J. Thiesen, National Alumni Secretary, were fully entertained and shown all industrial, educational, and other points of interest and importance while they were in the city.

Colonel Van Leer spoke at the Rotary Club luncheon at noon and was the principal speaker, also, at the alumni dinner. His talks concerning the future of the South, industry, and Georgia Tech, were warmly received.

Georgia Tech alumni are among the largest industrial and educational leaders in Savannah and the South, and their huge plants and other businesses are truly remarkable.

The Savannah Tech Club was first organized in 1910 by Colonel George Butler, Morton Levy and a few other alumni, and it is probably the oldest Georgia Tech alumni organization. As usual, the club gave a swell party; for which their guests, Georgia Tech and the National Alumni Association are most grateful to the members of the club and their following prominent and capable officers:

President, Hugh Hill, '23.
Vice-President, James E. Averett, '25.
Secretary-Treasurer, W. L. Mingledorff, Jr., '36.

Macon

Attended by President Van Leer of Georgia Tech, Joel C. Harris, Chairman Alumni Board Club Committee; R. J. Thiesen, Alumni Secretary, and about twenty Macon alumni, an interesting reorganization meeting of the local Georgia Tech Club was held in Macon on March 21, immediately following a Rotary luncheon at which Colonel Van Leer was the speaker.

Raymond C. Broach, '21, capable master of ceremonies, introduced President Van Leer in a most informative and able manner; and the latter gave a highly interesting talk on the Veterans' Bill at the lunch and followed with a skillful presentation of Georgia Tech's expansion plans, at the alumni gathering.

Mr. "Jake" Harris made a clever and timely talk on the necessity of forming Georgia Tech clubs throughout the state and the nation; and he also stressed the importance of having Georgia Tech alumni in the State Legislature and on the Board of Regents of the University System.

New York

Georgia Tech alumni in New York continue to be thoroughly active, and always "have a lot on the ball." They held a big dinner meeting on the night of December 12, as previously published, with President Van Leer and members of both the Alumni and Foundation boards in attendance; and, as we go to press, they have announced another large dinner meeting on May 22 with Georgia Tech's new Head

Pacific Area Reunion

During his recent tour of the United Nations' Home and World Fronts, Ralph McGill, distinguished and popular editor of the Atlanta Constitution, visited a Pacific District Public Relations Office toward the end of his journey, and a reunion of Georgia Tech alumni and other friends was promptly arranged.

At the meeting, the grand crew of Ramblin' Wrecks — which, herewith, takes in Ralph McGill, Jack Giles, and Frank Wells of the Journal — got together and wrote a series of most interesting messages to Athletic Director Bill Alexander and Head Coach Bob Dodd, as follows:

"Dear Alex and Bobby:

Big reunion in offices of Jack Giles, District Public Relations department. Tell Dodd to quit worrying —

George Griffin

It was a big reunion in Jack Giles' office — fortunately not time enough for rum, otherwise known as 'Nelson's Blood.' All the best.

Ralph McGill

Just found George Griffin today and also ran into Ralph McGill. Of course, in the bull session, we thought of both of you.

Buck Flowers, '32

Think I'm becoming an Atlantan, too! Come out to see us and we'll show you some Pacific hospitality.

Jack Giles

Being a Journal man and a University alumnus I'm on the outside looking in. Give my regards to all.

Frank Wells

It's certainly great to run into all these Atlanta and Tech fellows — especially George Griffin. It's really boosted my spirits up. Good luck, Coach Alex and Bobby, for a great team this year. I've been gunnery officer on a destroyer since I've been out here, and operated with Mack Tharpes's outfit. What a blow that was to me. I have some fine pictures of his ship, etc., of which I am saving you one, Coach Alex. When I get back I'll get it enlarged for your office. He was a great fellow and a true Tech friend to me out here. Good luck and best wishes.

Bill Street."

Alumni Clubs-NewYork—Cont’d.

Coach, Bobby Dodd, as the guest of honor. Coach Dodd showed pictures of the Tech-Navy game and highlights of other contests, to the crowd. The party was held at the Building Trades Employers' Assn., at number 2 Park Avenue; it began with an open house at 6:00 P. M., and dinner at 7:30.

Bobby Dodd gave a most clever account of the pictures and the results of spring football practice; and told of the prospects, if any, for another leading football team at Georgia Tech, this coming fall.

A report of the meeting with the new officers will be announced in the next issue of the ALUMNUS. Officers concluding the current term, are: President, John L. Davidson, '15; Vice-President, Roland Gooch, '20; Secy.-Treas., Allen McNell, '27; and Asst. Secy.-Treas., J. F. Hohmann, '36.
HAVANNA, CUBA, ALUMNI DINNER

Sergio Sobredo, E.E. '39, reported earlier in the year that the Georgia Tech alumni in Cuba held a highly enjoyable and most successful dinner at the Casablanca Club in Havana on December 22. Unfortunately, the information on the big dinner reached us too late for publication in January and, as the March-April ALUMNUS was a special "Foundation Number," the article was kept for this issue; however, it's good news at any time, and the Cuba alumni are to be warmly congratulated on their fine interest and activity.

It was announced that the dinner was the first one held in Cuba by Georgia Tech alumni. Attractive Georgia Tech gold and white lapel badges were made for the party, and the music of "Ramblin' Wreck" was given to the club's orchestra, which played it well. The alumni and their ladies made quite a hit, too, by singing the famous song, accompanied by the musicians.

Later on, students from the University of Havana, who were in the club at the time, called the Georgia Tech group by microphone and stated that by request of both the Havana University and the public present at the club, they wanted the Georgia Tech gathering to come to the dance floor and sing Ramblin' Wreck again; so, with their wives, the alumni sang the song twice, then everybody joined in singing the Cuban National Anthem.

There were thirty-two or more in attendance at the dinner. Other meetings are being planned to decide upon by-laws and to elect officers and an executive board; following which reports will again be made to the Georgia Tech National Alumni Association.

CHATTANOOGA CLUB ELECTS OFFICERS

Val Reich, Jr., '28, Secretary of the recently organized and very active Georgia Tech Club of Chattanooga, has informed the Alumni Office that the club has adopted a Constitution and has elected the following prominent alumni as officers:

- E. C. Patterson, 1903, President.
- C. Ralph Ewing, 1925, Vice President.
- Val Reich, Jr., 1928, Secretary.
- Sam Parry, 1929, Treasurer.
- Van Leer attended the meeting, along with National Alumni Association and Foundation Officers.

The Chattanooga Club held a big, preliminary dinner-meeting in September, under the able direction of Mr. E. C. "Pat" Patterson, 1903, B.S. in M.E., and M.E. President Van Leer attended the meeting, along with National Alumni Association and Foundation Officers.

There followed other gatherings of the club and the election of officers as stated, together with the adoption of a well-drawn constitution.

Interest was kept stimulated by another enthusiastic meeting which was held on the night of May 18, at the Chattanooga Golf and Country Club. The showing of moving pictures of the Georgia Tech-Tulsa Orange Bowl game was among the highlights of the evening.

The Cuba alumni send their best regards to all of their friends, along with their best wishes to President Van Leer and all faculty members, coaches and those of the administrative staff at Georgia Tech.

Congratulations and the best of all good wishes are heartily expressed, in turn, to our grand Cuba alumni from all of their Ramblin' Wreck friends.
City and County Appropriations

Both the City of Atlanta and Fulton County increased their annual appropriations to Georgia Tech at their respective April and May City Council and County Commissioners' meetings. The total voted was $50,000, in the amount of $25,000 each. The revenue will be used to supplement operational funds which have been greatly decreased due to the falling off in attendance during the war.

A large delegation of prominent Georgia Tech alumni and faculty leaders, headed by President Van Leer, appeared before the two branches of the city and county, respectively, and presented the request.

President Van Leer stressed the tremendous importance of Georgia Tech to the city, county and state; and he gave convincing statistics concerning the great amount of wealth that is being brought to Atlanta and to Georgia by students from without the state and county, to say nothing of the many thousands who come in for the football games and other athletic affairs of the college. Colonel Van Leer likewise emphasized the fact that the U. S. Government has spent and is spending vast sums in Atlanta through Georgia Tech; however, on a strictly cost basis, as far as the college is concerned.

Other Georgia Tech representatives who spoke at the meetings included: Frank H. Neely, President of the Alumni Foundation; C. L. Emerson, President Georgia Tech Nat'l. Alumni Ass'n.; Oby Brewer, President Atlanta Retail Merchants' Ass'n.; W. A. Alexander, Director of Athletics; and Judge F. A. Hooper, Jr.

Chairman Charlie Brown of the County Commissioners, a leading Georgia Tech alumnus, presented the resolution for the county appropriation and it was unanimously adopted. Councilman White sponsored the city resolution and it was likewise overwhelmingly voted, and then signed by the mayor.

Glee Club Opera Highly Praised

Flotow's tuneful opera "Martha" was presented by the Georgia Tech Glee Club at the Atlanta Woman's Club on the nights of May second and third; and, without the least attempt at flattery, to state that the performance was most enjoyable, ably done and quite successful, is putting it mildly.

It was the first time that the opera was sung in English in Atlanta, and the amateurs often rose to quite professional-like heights in their smooth acting and good singing, under the very able direction of Professor Walter Herbert, head of the music department at Georgia Tech.

A number of the excellent principals who collaborated with the Tech singers, were: Betty Jo Turner, freshman at Agnes Scott, who brilliantly sang the lead as Lady Harriet and "Martha;" and Alice Tomlinson, contralto soloist, who starred as "Nancy." Of the Tech group, leads were well acted and ably sung by Tom Byerly, William Donahue, Hubbard Upchurch, and Don T. Evans.

The gay choruses were most tuneful and the singers were the recipients of much applause, like the principals. A 21-piece orchestra, under the versatile guidance of Walter Herbert, gave outstanding support. The brilliant harp accompaniment to the "Last Rose of Summer," played by Mrs. W. B. Griffith, and the excellent piano support by Aileen Stephens, merit very special mention.

Stage direction was under Glen C. James and his assistant, Paul Aronin, who are to be commended on the excellence of their scenery and all-round good work. Mrs. Blake Van Leer was costume chairman and her able direction was everywhere evident throughout the highly enjoyable opera.

### Foundation Exceeds $100,000

<table>
<thead>
<tr>
<th>Class</th>
<th>Number Subscribers</th>
<th>Amount Subscribed</th>
<th>Amount Remitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>1890-1899</td>
<td>2</td>
<td>$225.00</td>
<td>$225.00</td>
</tr>
<tr>
<td>1900-1901</td>
<td>4</td>
<td>$1,225.00</td>
<td>$1,225.00</td>
</tr>
<tr>
<td>1902</td>
<td>5</td>
<td>$2,000.00</td>
<td>$1,500.00</td>
</tr>
<tr>
<td>1903</td>
<td>3</td>
<td>$1,700.00</td>
<td>$1,700.00</td>
</tr>
<tr>
<td>1904</td>
<td>2</td>
<td>$1,000.00</td>
<td>$1,000.00</td>
</tr>
<tr>
<td>1905</td>
<td>5</td>
<td>$1,383.33</td>
<td>$1,383.33</td>
</tr>
<tr>
<td>1906</td>
<td>4</td>
<td>$850.00</td>
<td>$750.00</td>
</tr>
<tr>
<td>1907</td>
<td>8</td>
<td>$3,590.00</td>
<td>$3,120.00</td>
</tr>
<tr>
<td>1908</td>
<td>16</td>
<td>$12,775.00</td>
<td>$12,061.00</td>
</tr>
<tr>
<td>1909</td>
<td>4</td>
<td>$850.00</td>
<td>$325.00</td>
</tr>
<tr>
<td>1910</td>
<td>5</td>
<td>$1,425.00</td>
<td>$665.00</td>
</tr>
<tr>
<td>1911</td>
<td>13</td>
<td>$2,865.00</td>
<td>$2,365.00</td>
</tr>
<tr>
<td>1912</td>
<td>9</td>
<td>$2,362.00</td>
<td>$1,600.00</td>
</tr>
<tr>
<td>1913</td>
<td>3</td>
<td>$860.00</td>
<td>$760.00</td>
</tr>
<tr>
<td>1914</td>
<td>7</td>
<td>$2,610.00</td>
<td>$1,235.00</td>
</tr>
<tr>
<td>1915</td>
<td>10</td>
<td>$2,728.00</td>
<td>$2,258.00</td>
</tr>
<tr>
<td>1916</td>
<td>9</td>
<td>$1,025.00</td>
<td>$952.05</td>
</tr>
<tr>
<td>1917</td>
<td>8</td>
<td>$2,870.00</td>
<td>$2,195.00</td>
</tr>
<tr>
<td>1918</td>
<td>14</td>
<td>$3,872.00</td>
<td>$2,576.00</td>
</tr>
<tr>
<td>1919</td>
<td>8</td>
<td>$2,250.00</td>
<td>$1,470.00</td>
</tr>
<tr>
<td>1920</td>
<td>13</td>
<td>$3,525.00</td>
<td>$2,300.00</td>
</tr>
<tr>
<td>1921</td>
<td>17</td>
<td>$2,415.00</td>
<td>$1,355.00</td>
</tr>
<tr>
<td>1922</td>
<td>19</td>
<td>$3,348.25</td>
<td>$2,035.00</td>
</tr>
<tr>
<td>1923</td>
<td>18</td>
<td>$2,788.00</td>
<td>$1,778.00</td>
</tr>
<tr>
<td>1924</td>
<td>16</td>
<td>$3,068.00</td>
<td>$1,129.00</td>
</tr>
<tr>
<td>1925</td>
<td>14</td>
<td>$3,175.00</td>
<td>$1,020.00</td>
</tr>
<tr>
<td>1926</td>
<td>19</td>
<td>$6,305.00</td>
<td>$4,896.00</td>
</tr>
<tr>
<td>1927</td>
<td>10</td>
<td>$1,821.00</td>
<td>$1,211.00</td>
</tr>
<tr>
<td>1928</td>
<td>16</td>
<td>$2,580.00</td>
<td>$790.00</td>
</tr>
<tr>
<td>1929</td>
<td>20</td>
<td>$2,360.00</td>
<td>$920.00</td>
</tr>
<tr>
<td>1930 &amp; After</td>
<td>34</td>
<td>$7,725.00</td>
<td>$2,314.33</td>
</tr>
<tr>
<td>FRIENDS</td>
<td>8</td>
<td>$6,850.00</td>
<td>$5,850.00</td>
</tr>
<tr>
<td>SPECIAL FUND 2</td>
<td>4.000.00</td>
<td>$4,000.00</td>
<td></td>
</tr>
</tbody>
</table>

**TOTALS** 345 $101,321.95 $71,762.08

Alumnus' Ship Fires Last Shot

Lieut. John Ottley McCarty, B.S. in M.E., 1943, U.S.N.R., was aboard the ship that is believed to have fired the last naval shot in the European war. His vessel detected a German U-boat cruising off the North Atlantic coast and with several other ships, they put down a pattern of depth charges; at 5:40 P. M., on the last day of the war in Europe, they were officially notified that the U-boat had positively been sunk. His ship checked quantities of debris and other wreckage that came to the surface, following the attack.

Glee Club Opera Praised—Cont'd.
Captain Babcock Retires, Captain Strite Assumes Naval Unit Command

NAVAL UNIT CHANGES COMMAND

Captain J. V. Babcock, U.S.N., 1901 graduate of the United States Naval Academy, after a long and brilliant naval career, was returned to inactive duty, at noon, April 7. The captain has been the skipper of the excellent Naval Unit at Georgia Tech for three years. His command is being assumed by Captain Robert Strite, a 1920 Naval Academy graduate, who also has an outstanding record.

A veteran of three major conflicts, Captain Babcock entered the Naval Academy in September, 1897, at 17 years of age; he went to sea six months later when the Academy was closed during the Spanish-American War, participated in the Battle of Santiago, returned to Annapolis, and graduated in 1901, as stated.

Because Academy graduates were required to serve two years at sea as midshipmen before receiving their commissions, he was not commissioned until 1903. His first cruise was aboard the USS New York, a cruiser that carried him around the world.

During the second Philippine Insurrection, he served in a gunboat, the Don Juan de Austria, which was captured from the Spaniards, and was later aboard the USS Oregon.

Captain Babcock was personal aide to Admiral Sims, commander of all United States naval forces in European waters, during World War I. He was also Navy liaison officer with the British Secret Service, and intelligence officer. He attended spring war council meetings in Paris for the mapping of Allied strategy and the peace conference.

Following World War I, Captain Babcock commanded the cruiser USS Richmond, directed the Brazilian Navy War College for three years, and was finally made Chief of Staff to the Commander of the Base Force, U. S. Fleet, after 39 years of active service.

GIFTS PRESENTED CAPTAIN BABCOCK

Captain J. V. Babcock was presented with a set of candelabra by Georgia Tech and a silver dish of old Sheffield Plate by members of the Tech Naval Unit at the April seventh ceremonies on Grant Field which marked the end of his duties as commanding officer of the unit.

In presenting Captain Babcock with the candelabra, Tech's president Van Leer said:

“You have been loyal to your duty and to Georgia Tech over and above what is expected of a commanding officer. We want you to know that we appreciate the many fine things you have done for us.”

In accepting the gifts, Captain Babcock told Naval trainees that “treasured memories cannot be purchased, and are worth all of the gold in Fort Knox.”

Captain Robert Strite was welcomed by President Van Leer as the new commanding officer of the unit.

Captain Strite

Captain Robert Strite assumed command of the Georgia Tech Naval Training Unit at a special review on Grant Field at noon, Saturday, April 7.

A native of Pennsylvania, Captain Strite was born in 1901, graduated from the Naval Academy in 1920 in the class of 1921 under an accelerated program, and had five years of duty aboard battleships and destroyers before resigning in 1925. From 1925 until 1933 he was engaged in the gas and electric business in Boston, and from 1933 until 1941 was a banking executive.

The new skipper, who has served aboard the battleships USS North Carolina and USS Indiana during the present war, said that he did not contemplate any major changes in the operation of the Navy unit.

“The Tech unit has an excellent reputation and we shall do everything to maintain it,” he explained. “We shall expect the full cooperation of all men.”
Deaths

Howard D. Cutter, Jr.

Howard Davis Cutter, Jr., 47, B.S. in C.E., 1919, of 2561 Acorn Avenue, N. E., Atlanta, assistant chief engineer of the Southeastern Underwriters' Association, died unexpectedly at a private hospital in Atlanta on April 20.

Episcopal funeral services were held at Spring Hill, Atlanta, with Dean Raimundo de Ovies and the Reverend J. Milton Richardson officiating.

Survivors include his wife; two sons, Howard D. Cutter II and Douglas Cutter, of Atlanta; his father, Howard D. Cutter, Sr., of Macon, and a brother, W. S. Cutter, of Macon.

Born in Macon, Ga., and educated in the Macon public schools, he was a graduate of Georgia Tech, a member of St. Philips Cathedral, Georgia Pond of Blue Goose, Alpha Tau Omega fraternity, Buckhead Lions Club, Georgia Engineering Society and Gate City Lodge No. 2, F. & A. M.

Mr. Cutter had been an Atlanta resident for the past 31 years and was active in the civic and religious life of the city. During World War I he was stationed at Fort Monroe, Va., in the Coast Artillery Officer's Training School.

Ferd Kaufman

Ferd M. Kaufman, 69, stalwart and outstanding Georgia Tech supporter, class of 1895, of 75 Ponce de Leon Avenue, Atlanta, died at a private hospital in the city, on Friday, March 30. He was secretary-treasurer of the Empire Printing and Box Company.

A native of Atlanta, Mr. Kaufman attended Georgia Tech in its formative days; he was a member of the first football team of the college and played on the varsity with the late General Leonard Wood. Beginning with his entrance and continuing to the day of his death, he was always a most loyal and ardent alumnus of the college. His support was responsible for the construction of the modern Georgia Tech Armory.

Ferd Kaufman would always be found at Tech's spring football practices, attending the workouts when the famous John Heisman was developing championship teams, just after the turn of the century.

All through the Heisman career, with the famous teams of 1916 and 1917, that compiled record-breaking scores, and, in the former season, set the world record of 222 points to 0, in a game with Cumberland, Ferd Kaufman was with the Engineers.

And starting with Coach W. A. Alexander, succeeding Heisman in 1920, Mr. Kaufman's loyal adherence set the pace and the pattern for all the devoted Tech fans of his era.

Ferd Kaufman traveled all the roads with Georgia Tech. Again and again, he went to the Pacific Coast; he saw Tech win the Rose Bowl game of 1929. He saw Tech and Coach Alexander establish the record of the first college football team and coach to compete in the four major bowls—the Rose Bowl, the Orange Bowl, the Cotton Bowl and the Sugar Bowl.

He is survived by his wife, Mrs. Tillie Wolff Kaufman; a sister, Mrs. Morton Levy, of Savannah, and a brother, Emmanuel Kaufman, of St. Petersburg.

He was a member of the Georgia Tech Anak

Births

Hammond

Mr. and Mrs. John Hammond of Winter Park, Fla., announce the birth of a son, David Arthur, on March 24, 1945.

Mr. Hammond was a member of the class of 1944.

Holland

Mr. and Mrs. Truman E. Holland announce the birth of a daughter, Elizabeth Carmichael, March 18, in Atlanta.

Mr. Holland received his degree of B.S. in E.E. with the class of 1932.

Schlapfer

Captain and Mrs. L. A. Schlapfer, Jr. announce the birth of a son, James Ward, on March 16th, in Caldwell, N. J.


Temple

Mr. and Mrs. C. E. Temple announce the birth of a daughter, Joan Kay, on April 6, 1945, La Porte, Ind.

Mr. Temple graduated from Ga. Tech in 1936, receiving his degree of B.S. in E.E.

Wear


Thresher

Capt. and Mrs. Harold Heyward Thresher, Jr. announce the birth of a daughter, Elizabeth Kragh, on March 26, 1945, at Miami Beach, Fla.

Captain Thresher received his degree of B.S. in I.M. in 1941, and is now serving overseas with the armed forces.

Deaths—Cont'd.

Senior Society, the National Alumni Association, the Atlanta Chamber of Commerce, the Yaarab Temple and the Atlanta Rotary Club.

A large delegation of Shriners, Rotarians, Georgia Tech athletic and college officials, alumni, prominent business executives, and other friends, attended the funeral services in Atlanta.

Clarence L. Ruse

Clarence Lee Ruse, 64, B.S. in M.E., 1899, of 71 Maddox Drive, N. E., prominent Atlanta insurance executive and for 35 years state agent for Aetna Insurance Company, died on the night of March 17, in a private hospital.

Born in Mobile, Ala., Mr. Ruse later moved to Atlanta and was graduated from Georgia Tech. He entered the insurance field and made it his life work.

He was a member of Capital City Club, the A.T.O. fraternity, the Scottish Rite and Shrine and a charter member of Georgia Pond, Order of the Blue Goose, a fire insurance fraternity.

In addition to Mrs. Ruse, survivors include two daughters, Mrs. Philip Lachicotte and Mrs. Katrina Ruse Harris, both of Atlanta; a niece, Mrs. Enos Hartman, of Atlanta; and a nephew, Lucius Harris, of Old Hickory, Tenn.

Funeral services were held in Atlanta.
World War II Veterans Attend Georgia Tech

These five student-veterans of World War II are shown in the lab. at Georgia Tech operating a machine for testing the tensile strength of materials. They are from left to right, Roy B. Daniel, Jr., Arnold Cohen, Horace L. Cowart, Bob Flich and Bill Holden. The veterans respond enthusiastically to the training. — Photo by H. J. Slayton, Atlanta Constitution.

More than 100 World War II veterans are already attending Georgia Tech, as a result of the GI Bill of Rights which, fortunately, is proving to be a very popular act.

In a featured article of the Atlanta Constitution on April 8, Mr. Charles McCoy wrote about this very important department at Georgia Tech; and, among other facts, he stated,

"Many of these men were unable to attend college before the war due to financial difficulties. Under the GI bill any veteran who was under 25 at the time of entry into the armed services is entitled to college training. If a man was over 25 and can show that his education was interrupted by the war he too may receive training. For those who were not in school and desire to take training in some special field they may receive up to 12 months' training.

"In addition to tuition and fees veterans may receive $50 a month for subsistence if single and $75 a month if married.

"A guidance center is maintained at Tech under the direction of Dr. Joseph Moore, who is also a veteran of this war. This center has met with such success that other schools and colleges in the southeast have sent representatives to Tech to copy his program.

"The function of the center is to determine the aptitudes of the veteran through various mental and psychological tests. Through this scientific means a person will not be put into a training program, or job, that is ill-fitted for his aptitude.

"An enthusiastic response has been shown by the veterans, according to Dr. Moore. Letters received from the men who have taken these tests indicate their usefulness, and more than 200 veterans have been placed by the center, he said.

"Dr. Phil B. Narmore, assistant dean at Tech, stated that an expansion program is being perfected to accommodate the 2,000 veterans expected to enter Tech upon the end of the war."

Alumni Prominently Mentioned

Leland E. Anderson, B.S. in E.E., 1921; E.E., 1929; is President and General Manager of the Columbus Transportation Company, Columbus, Ga.

James E. Davenport, B.S. in M.E., 1908; B.S. in E.E., 1909; is Vice-President, Engineering Research and Development, American Locomotive Company, 320 Park Ave., New York, N. Y.

Jesse M. Shelton, Archit., 1916, former Vice-President and Treasurer, Robert and Company, Inc., Atlanta, Ga., has been elected President of the Company. He succeeds L. W. Robert, Jr., B.S. in C.E., 1909, who became Chairman of the Board of Directors.

Numerous war projects, including work in the Bermuda Islands and at the Corpus Christi, Texas, Naval Air Base, have been handled by the firm. Since Mr. Shelton's association the company has handled more than a billion dollars' worth of developments in the United States, Mexico, Puerto Rico and more than a dozen other countries. Over 500 employes of Robert and Company are in the armed forces of the United States.

Van Holt Garrett, 1911 Ga. Tech, is President of the National Association of Real Estate Boards. Formerly of Augusta, Ga., Mr. Garrett has lived for a long period of years in Denver, Colorado, where he gained much of his national prominence. He visited Atlanta on March 19, as a guest of the local boards of realtors who are headed by C. D. LeBey, B.S. in E.E., 1922, former football star and successful business executive of Atlanta.

(Continued next page)
Weddings and Engagements

**Budd - Poer**
Mr. and Mrs. James Sloane Budd, Jr., announce the marriage of their daughter, Katherine Bowdre, to John Richardson Poer, Ensign, U.S.N.R., on Tuesday, the eighth of May, at St. Luke's Episcopal church, Atlanta, Ga.
Mr. Poer, B.S. in Ch.E. graduated from Georgia Tech with the class of 1944.

**Collard - Moore**
Mrs. Helen Collard announces the marriage of her daughter, Elizabeth Helen, to Lieut. Commander James Stanley Moore, U.S.N.R., on Wednesday, the sixth of Dec., in the Navy Chapel of the Puget Sound Navy yard.

**Day - Broyles**
Ensign Frank Broyles, Ga. Tech star athlete and All-Southeastern Conference fullback last year, and Miss Barbara Day, were recently married in Decatur, Ga.

**Dekkes - Kendrick**
Miss Frieda Emilia Dekkes and Lieutenant (j.g.) T. F. Kendrick, Ga. Tech 1942, were married on February 25th, in the chapel of Naval Air Station, Norfolk, Va.

**Knott - Boy**
Miss Elva Vivian Knott and Major David C. Boy, Jr., were recently married in the Air Base Chapel at Godman Field, Ky.
Major Boy graduated from Ga. Tech in 1937.

**Methvin - Jones**
Mr. and Mrs. William Franklin Methvin announce the engagement of their daughter, Jane, to Lieut. Thomas Moore Jones, Jr. The marriage to take place June 16, at Druid Hills Baptist Church, Atlanta.

**Mitchell - Tufts**
Mr. and Mrs. John E. Mitchell announce the marriage of their daughter, Miss Mimi Mitchell, to Lieut. Rutledge Tufts, U.S.N.R., which was solemnized March 29, at the First Presbyterian Church, Dallas, Texas.
Lieut. Tufts graduated from Ga. Tech in M.E., with the class of 1935.

**McDaniel - Pittard**
Cordial interest is centered in the announcement of the engagement of Miss Ima Pearl McDaniel and Coach Joe Pittard of Ga. Tech.
The wedding to be solemnized on May 26.

**Ogle - Peebles**
Mrs. Verne Bucklew Ogle announces the marriage of her daughter, Malvine Lewis, to Edwin Augustus Peebles, Jr. of Atlanta.
The ceremony was solemnized Saturday, March 17, at high noon, in the First Presbyterian Church of Westchester, Pa.
Mr. Peebles graduated from Ga. Tech in 1936.

**Penn - Holsenbeck**
Of cordial interest is the announcement of the recent marriage of Miss Nancy Penn and Lieut. Cmdr. Daniel Marshall Holsenbeck, Jr., U. S. Navy, which was solemnized at St. Paul Episcopal Church, Kingsport, Tenn.

**Alumni Mention—Cont’d.**
Mr. Garrett presided at a conference of Georgia real estate board officials and was the principal speaker of the occasion.

**Edwin A. Peebles, B.S., 1936,** author of the currently published, popular, and fast selling novel, "Swing Low," was recently in Atlanta with his lovely and cultured wife on a visit with his mother, Mrs. Edwin A. Peebles, Sr.
"Ed" Peebles has become quite a successful writer, and recently accepted an important position on the staff of Fortune Magazine.

**Walter L. Mingledorff, Jr., B.S. in M.E., 1936,** is Executive Vice-President and General Manager of the extensive and important Shipbuilding Division of the Savannah Machine and Foundry at Savannah, Ga.

**John H. Holcomb, Jr., B.S. Chem. Engr., 1935,** of Elkton, Va., was recently appointed Plant Manager of the Stonewall, Va., branch of Merck and Company.

**John W. Horne, B.S. in E.E., 1928,** is now manager of the Savannah, Ga., branch of the Graybar Electric Company.

**Sidney M. Smith, B.S. in M.E., 1927,** is Vice-President of Clement A. Evans and Co., Inc., First National Bank Building, Atlanta, Ga. The President, Clement A. Evans, finished at Georgia Tech in 1922.

**Charles S. Northen, Jr., B.S. in T.E., 1924,** was appointed Sales Manager of the Sloss-Sheffield Steel and Iron Company, Birmingham, Ala., on May first.

**Frank C. Underwood, Jr., B.S. in E.E., 1932,** is Director of Vocational Education, Savannah Vocational School, Savannah, Ga. He has a large, progressive and modern plant which provides practical training and courses in a wide range of trades and arts.
The school has done and is doing, a big and important job for the U. S. Government, Chatham County and Savannah.

**Clyde M. Wood, B.S. in C.E., 1915; C.E., 1930,** is Manager, Rate-of-Rise and Fire-Fog Departments, "Automatic" Sprinkler Corporation of America at Youngstown, Ohio. He has directed a number of most important designs and assignments for different branches of the U. S. Service, through the war work of his company.

Weddings and Engagements—Cont’d.

**Stanton - Roberts**
Mr. and Mrs. Cecil Valentine Stanton announce the engagement of their daughter, Mary Lockhart, to Samuel Nobel Roberts.
Mr. Roberts received his B.S. degree in engineering from Georgia Tech in 1938.

**Straub - Griesinger**
Mr. and Mrs. William Peter Straub announce the marriage of their daughter, Barbara, Lieutenant, U.S.N.R., to Capt. Frank Daniel Griesinger, U. S. Army, on Saturday, the third of March.
Capt. Griesinger received his degree of B.S. in E.E in 1936.

**Tom - West**
Miss Nylah Tom became the bride of Lieut. Cmdr. Harvey Anderson West, U.S.N.R., at Galveston, Texas, on March third, in a candle-lit ceremony.
First Lieutenant Raymond L. Christian, Jr., 23, of the infantry, was killed in action in Germany, April 11, his wife, the former Miss Virginia Henson, of 804 Edgewood Avenue, N. E., has been advised by the War Department.

Lieutenant Christian enlisted in the Army during his senior year at Georgia Tech. He was graduated from Officer Candidate School at Fort Benning in December, 1943. He had been overseas seven months with the Ninth Army. He saw action in France, Belgium, Holland and Germany.

Besides his wife, survivors include his father, R. L. Christian, Daytona Beach, Fla., and one sister, Miss Carol Wagoner, of Atlanta.

First Lieutenant Jack L. Cline, Jr., of the Marine Corps, was killed in action on Iwo Jima March 2, the Navy Department has informed his parents, Mr. and Mrs. J. L. Cline, Sr., of 1615 North Decatur Road, N. E.

A graduate of Riverside Military Academy, Lieutenant Cline was graduated from Georgia Tech in 1943. Upon graduation, he received a commission as ensign in the Navy and transferred to the Marine Corps.

He received his boot training at Parris Island, S. C. After final training at Quantico, Va., he was sent overseas last November.

Besides his parents, survivors include two sisters, Miss Mary Cline, of Atlanta, and Mrs. H. S. Smith, of Williamsburg, Va.

Second Lieutenant William J. Cordes, Jr., 21 was killed in action in Germany April 13, the War Department has advised his family in Atlanta.

Lieutenant Cordes enlisted two and a half years ago in the enlisted reserve while attending Georgia Tech, class of 1944. Later he trained at Fort Eustis, Virginia, in the Coast Artillery. Following this, he was transferred to the infantry, and was graduated from Officer Candidate School at Fort Benning, Georgia. He was sent across early in 1945.

Lieutenant Cordes had finished his junior year at Georgia Tech when he enlisted.

Survivors include his wife, the former Miss Nan Paxton; his parents, William J. Cordes, general counsel for the Retail Credit Company, and Mrs. Cordes, of 1115 Lullwater Road, N. E.; a sister, Miss Mary Louise Cordes, Atlanta; three brothers, Lieutenant (j. g.) Philip B. Cordes, U. S. Navy, now in the Pacific; Cadet Marsh Cordes, Georgia Military Academy.

Second Lieutenant Lonny Spencer Costley, 23, P-47 pilot, was killed April 19th, when his plane collided with another at Abilene, Texas.

A native Atlantian, Lieutenant Costley was a graduate of Druid Hills High School and Culver Military Academy, Culver, Ind. He had attended Vanderbilt University and Georgia Tech also, class of 1944.

Entering the service in 1942, he received his commission at Yale University in 1943 and his pilot's wings at Foster Field, Texas, last December. He had been stationed at Abilene for two months.

He is survived by his wife, formerly Isabel Mangold, of LaCoste, Texas, whom he married last December; his grandparents, Mr. and Mrs. E. J. Costley and Mrs. C. M. Bryan, all of Atlanta, and three uncles, E. M. Costley, Decatur, and A. M. Costley, 2344 Ponce de Leon Avenue, with whom he made his home before entering the service, and C. M. Bryan, Atlanta. Lieutenant Costley was the son of the late Mr. and Mrs. L. S. Costley.

Lieut. Hubert Hammond Crane, Ga. Tech, 1941, was killed on March 10, 1945, in the crash of a B-29 bomber at Alexandria, La.

Crane was a Radar Officer in a very heavy bomb group. When the accident occurred his personal things had already been shipped to the Pacific and his First Lieutenant was awaiting his return to his home field in Harvard, Nebraska. Crane entered the Department of Architecture at Georgia Tech in 1937. His home was in Fort Worth, Texas.

Lieutenant Morris E. Fauver, 23, former Georgia Tech student, was killed in a bomber crash March 6 while on a combat training flight in the Caribbean area, his mother, Mrs. Florence L. Fauver, of Dayton, Ohio, was informed by the War Department.

He won his wings and commission July 1, 1944, at Hondo Field, Texas, where he was stationed as an instructor until last December.

Besides his mother, survivors include five sisters, all of Dayton, Ohio.

Pfc. Julius B. Hanahan, of the Second Ranger Battalion, was killed in action in Germany and has been awarded the Silver Star medal, the War Department has advised his father, Peyre C. Hanahan, of 91 Fifth Street, N. W., Atlanta.

News of the Silver Star award reached his family shortly after notification of his death, citing him for gallantry in action near Bergstein, Germany. Pfc. Hanahan and a companion had aided in repelling three enemy attacks against their position on the previous day. Though nearly exhausted, the two men continued to occupy a position as security for the left flank of their company.

Pfc. Hanahan enlisted in the Army two years ago, and was sent overseas last July after final training at Camp Meade, Md. He had previously been awarded the Purple Heart for wounds received in January in France. A Boys' High School graduate, he attended Georgia Tech for two years. He was a member of St. Luke's Episcopal Church.

In addition to his father, he is survived by a brother, Lt. James Ross Hanahan, in the Pacific, and two sisters, Mrs. Edward C. Merritt, of Atlanta, and Mrs. William Middleton, of Charleston, S. C.

Another brother, Peyre G. Hanahan, Jr., was killed in a plane crash at Jackson, Tenn., July 12, 1943.

Captain Charles Peter Lynch, Jr., of the infantry, was killed in action in Italy April 17, the War Department has advised his wife, the former Miss Martha Hinkelman, of 1153 Reeder Circle, Atlanta.

Captain Lynch attended North Fulton High School and Georgia Tech. He enlisted while a student there. He won his commission in 1943 upon graduation from Officer Candidate School at Fort Benning, and was sent overseas in November, 1943. Attached to the Fifth Army, Captain Lynch had been awarded the Combat Infantryman Badge and two Purple Hearts.

Besides his wife, survivors include his daughter, Miss Patricia Ann Lynch; his parents, Colonel and Mrs. C. P. Lynch, of San Antonio, Texas. (Colonel (Continued next page)
Lynch is now with the First Army in Germany; three brothers, Lieutenant Hugh Lynch, in Germany, and Robert Lynch and James Lynch.

Lieut. John W. "Duck" McKee was killed in action on March 5, his wife was notified in Atlanta. Not long ago they offered to pull Lieutenant McKee out of the line, send him back to headquarters and give him a captain's bars. Ol' Duck said he guessed he'd stick with his men, the foot soldiers he had tramped with across France and into Germany.

Duck was right up there in the van of the First Army, where the 109th Regiment of the Twenty-eighth Infantry Division usually was found, when he was hit. They carried him from German soil to a hospital in Belgium and he lived just a day.

So, the man with the shy, quiet smile who played football for Georgia Tech and baseball for the Crackers in such an unheroic but such a solidly satisfying way, goes on with his combat team that cannot fail to have caught up his matchless spirit.

Lieut. McKee is survived by his wife, who resides at 1178 Cahaba Avenue, Atlanta, and by his mother, Mrs. Mamie McKee.

Lieutenant Paul M. McKenney, Jr., 21 P-51 fighter pilot, was killed over England February 17, his parents, Mr. and Mrs. P. M. McKinney, Sr., of 960 Dill Avenue, S. W., have been advised by the War Department.

A graduate of Boys' High School, Lieutenant McKenney had completed two years at Georgia Tech when he entered the service in February, 1943. He enlisted in the Air Corps Reserve in October, 1942. He won his wings and commission at Marianna, Fla., last March. Lieutenant McKenney had served three months overseas. He held the Air Medal and had completed 17 combat missions.

Besides his parents, survivors include one sister, Miss Catherine McKenney, and a brother, Edwin McKenney.

Track Team Wins Championship

With the exceptionally high total of 92 and 2/3 points, Georgia Tech's track team successfully defended its Southeastern Conference championship in Birmingham, Ala., on May 19. L.S.U., paced by Tom Dickey of Atlanta, top individual scorer, finished second with 60 and 1/3 points; then followed Tulane, 41; Auburn, 10; Tenn., 8; Miss. State, 8; and Florida, 4.

In the three-way meet against Auburn and Florida at Grant Field, won by Tech, George Hills broke the Jacket's record in the shot put with a toss of 49 feet and half inch; previously he and Bob Seligman held the Tech record, also made this year, at 48 feet 4 1/2 inches.

Big Bob Seligman broke the Yellow Jacket discus record at the A.A.U., meet in Auburn, Ala., on May 12, with a throw of 145 feet and 9 inches, breaking by two feet and five inches, his own Georgia Tech record as made earlier in the season.

Other stars on the Tech track team include, Bill Donahue in the pole vault; Don Cady in the quarter and on the mile relay team; Joe Richards in the 100 and 220 yard dashes and broad jump; Brown Gurry
Wounded, Missing in Action, Cited

Staff Sergeant Francis L. Brittain, Jr., former Georgia Tech student has been awarded the Silver Star for a successful three-hour struggle to save the lives of six airmen in a shell-ridden Liberator en route back from Bucharest.

Lieutenant Eugene Blumberg has been awarded his boot by the British Government. This boot is presented only to aviators who have been shot down over German-held territory who have to WALK to Allied safety.

Lt. Col. Charles H. Burch, Class of 1930, recently was returned to Miami for re-assignment, after having served 24 months as a signal officer in the Southwest Pacific. While there he was awarded the Bronze Star medal for meritorious service and also received a Unit Citation.

Lieutenant Edgar L. Clapp, former Tech student, has been missing in action in the Pacific area since January 3, the War Department has informed his parents, Mr. and Mrs. T. M. Clapp, of 4739 Powers Ferry Road, N. W., Atlanta.

Lieutenant Spencer Crowley, recently visited his home in Atlanta after nearly a year of flying as a bombardier-navigator. A holder of the Distinguished Flying Cross and Air Medal flanked by clusters, he had some harrowing experiences while flying from England to bomb vital Nazi war industries.

Private John H. Dodson, of the Infantry, has been missing in action in France since January 14, the War Department has notified his parents, Mr. and Mrs. John H. Dodson, of 1443 Gordon St., S. W., Atlanta. Private Dodson enlisted in the service when a junior at Georgia Tech, in March, 1943. He has been awarded the Combat Infantryman Badge; also the Purple Heart for wounds received in France.

Pfc. Charles Gorman, of the Infantry, has been awarded the Purple Heart for wounds received in action Christmas Day in France.

Major Robert E. Hammond has been wounded in action in Belgium. Every member of his group in Belgium received the Bronze Star.

Cpl. H. C. Hendrickson, radio gunner of a B-24 Liberator, has been authorized to wear the Distinguished Unit Badge as a member of a heavy bombardment group. He received the gold-rimmed blue ribbon for the bombing of underground oil storage installations at Vienna.

Lieutenant John Randolph Ivey, Class of 1940, has been missing in action in the Pacific since last June. The Distinguished Flying Cross has been presented to his mother, Mr. H. D. Ivey, of 1376 Northview Road, N. E., Atlanta.

Technical Sergeant O. Alfred (Kirk) Kirkconnell, has been awarded the Purple Heart for wounds received in battle in Belgium January 5.

Captain Charles P. Lynch, Jr., has been cited and decorated for his bravery in combat, and he now wears the Bronze Star.

Second Lieut. David W. Sheddon, pilot in a B-24 Liberator Squadron, has been authorized to wear the Distinguished Unit Badge as a member of a heavy bombardment group which has been cited by the War Department for "outstanding performance of duty in armed conflict with the enemy."

First Lieut. Ned W. Richardson, is pilot of a B-17 Flying Fortress of the 95th Bombardment Group.

### Wounded, Missing, Cited—Cont’d.

Israel Solomon, Class of 1941, has been missing in action since June 18, 1944.

Lt. M. L. Van Buren, was wounded in action in Luxembourg on December 25. He went overseas last August and has been awarded the Combat Infantryman Badge.

Second Lieut. Marion C. West, former Tech football player, has been awarded the Bronze Star for meritorious achievement with an antitank platoon.

Lieutenant Hugh Emmett Wright, U.S.N.R., B.S. in Chem., 1941, son of Mrs. Frances H. Wright, of Decatur, Ga., has been awarded the Bronze Star and the Silver Star medals for "meritorious service and gallantry in action" by Fleet Admiral Chester W. Nimitz. An honor graduate of Georgia Tech, Lt. Wright went on active duty with the Navy in June, 1941. He is a former Covington, Ga., resident.

Admiral Nimitz stated that the citation was "for meritorious service in action in the performance of his duties as diving officer in a United States submarine during a war patrol of the vessel".

The name Creo-pine on Creosoted Southern Pine is more than a trade mark. It is a pledge of honest, accurate manufacture and rigid inspection from standing tree to finished product. Back of it are 37 years of wood preserving experience. Specify Creo-pine products for long life and lowest cost per year of service.

### Creo-pine Products Include:

- Poles
- Subflooring
- Piling
- Bridge Timbers
- Cross Ties
- Structural Timbers
- Cross Arms
- Guard Rail
- Floor Blocks
- Etc.

### Southern Wood Preserving Co.

- Atlanta, GA.

<table>
<thead>
<tr>
<th>Representatives</th>
<th>Treating Plants</th>
<th>Representatives</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW YORK</td>
<td>EAST POINT, GA.</td>
<td>PITTSBURGH</td>
</tr>
<tr>
<td>54 Church St.</td>
<td>MACON, GA.</td>
<td>Dollar Tr. &amp; Tr. Bldg.</td>
</tr>
<tr>
<td>PHILADELPHIA</td>
<td>CHATTANOOGA, TENN.</td>
<td>1500 National Rd. Bldg.</td>
</tr>
<tr>
<td>SILVER SPRING</td>
<td>CHATTANOOGA</td>
<td>CHATTANOOGA</td>
</tr>
</tbody>
</table>

---

The 95th has been cited singly by the President for its outstanding bombing of railroad marshalling yards in Germany. He has also been awarded the third Oak Leaf Cluster to the Air Medal.

Israel Solomon, Class of 1941, has been missing in action since June 18, 1944.

Lieutenant Jack S. Storm, Jr., recently was at Miami for re-assignment. He completed 50 missions over Europe, and won the Air Medal with three oak leaf clusters.

Lt. M. L. Van Buren, was wounded in action in Luxembourg on December 25. He went overseas last August and has been awarded the Combat Infantryman Badge.

Second Lieut. Marion C. West, former Tech football player, has been awarded the Bronze Star for meritorious achievement with an antitank platoon.

Lieutenant Hugh Emmett Wright, U.S.N.R., B.S. in Chem., 1941, son of Mrs. Frances H. Wright, of Decatur, Ga., has been awarded the Bronze Star and the Silver Star medals for "meritorious service and gallantry in action" by Fleet Admiral Chester W. Nimitz. An honor graduate of Georgia Tech, Lt. Wright went on active duty with the Navy in June, 1941. He is a former Covington, Ga., resident.

Admiral Nimitz stated that the citation was "for meritorious service in action in the performance of his duties as diving officer in a United States submarine during a war patrol of the vessel".
Plans Made for Early Construction of New Textile Building

PROPOSED TEXTILE ENGINEERING BUILDING - GEORGIA SCHOOL OF TECHNOLOGY - ATLANTA

BUSH BROWN & GAILEY: ARCHITECTS; R.M. HEFFERNAN & R.L. AREN: ASSOCIATES
Service Mentions

Lieutenant Colonel Albert S. Adams II, B.S. in C.E., 1931, is now stationed in the central Pacific area. He is a graduate of The Quartermaster School, Fort Lee, Virginia, and of the Command and General Staff School, Fort Leavenworth, Kansas.

Colonel G. R. Barker, Class of '17, sent us a copy of the new version of "Ramblin' Wreck" as sung by the TIMBERWOLVES near the front. The title of the new version is "Rally the Pack," and Colonel Barker wrote that it sounded good to hear the old tune again.

Major Vernon L. "Skinny" Borum, B.S. in M.E., 1923, Honor Roll and Varsity Football, is somewhere on the German front with a Hq. A.A.A. Battalion. He received his Majority in March, before going overseas.

Lt. Jack B. Commander, Class of '42, is back in active service as a pilot instructor at Perrin Field, Sherman, Texas, after having been in a hospital for 15 months.

Colonel Louis A. Hawkins, B.S. in Comm., 1925, was at home in Atlanta during March on a 30-day leave, after three years of active service in several European areas.

Colonel Homer Hesterly, C.E., 1910, formerly with the 131st Division Artillery, returned from the Pacific area in March and visited Georgia Tech and the alumni office. He has made his home in Tampa, Florida, since a few years following his graduation.

Major William W. Richardson, Jr., B.S. in M.E., 1923, is attached to an important and rugged China-Burma-India, Traveling Instructional Group, of the American military mission in China, which has been working with Chinese troops for more than a year.

Major Lawrence W. Robert III, 1934 graduate, went into France with the Paratroop Infantry as a Captain last December. He was promoted to Major after his outfit had jumped into the blazing Luxembourg bulge and had suffered heavy casualties. He writes some interesting letters about his experiences, particularly about the jump he made across the Rhine in March.

1st Lt. Bobby Sheldon, B.S. in I.M., '41, has been at his home in Atlanta on convalescent leave. A former Tech star football player, Lt. Sheldon was wounded at Iwo Jima, after service in the Guam and Bougainville campaigns. He was cited after the latter campaigns, and was actively engaged in the Pacific area for more than 18 months.

Lt. C. G. Shephard, Jr., writes that "I'm a Ramblin' Wreck from Georgia Tech—and a helluva engineer" was the song American GI's sang after Cologne was taken. His division was one of the three which went into Cologne. Lt. Shephard was awarded the Purple Heart and he also holds the Combat Infantry Badge.

Lt. Richard L. Simms, Navy pilot, helped sink the Yamato. His parents, Mr. and Mrs. R. L. Simms, Sr., live at 210 Brighton Road, N. E. He received his basic training at the Atlanta naval air station; and has been piloting a PBM overseas for two years.

Major F. J. Skundale, Class of 1939, was head of a guerrilla band for six months in Luzon. His family did not hear from him the entire time he was fighting and hiding in the Luzon mountains. In March, they learned that he was safe, and he is now at a rest camp in New Guinea.

Tennis Team Wins Conference Title

Georgia Tech's stellar tennis team, coached by Professor Earle Bortell, has again won the Southeastern Conference Tennis Championship, having taken all matches on its quite extensive schedule. This is a brilliant repetition of the 1944 performance of the team.

The Jacket net stars were superbly led throughout the season by Frank Willet and Howard McCall, who were ably assisted by Tommy Tift, Niles Milliap, Hilliard Burt, "Bo" Callaway, and Ed Fryer.

Meeting the best teams in the conference and the strong Athens Pre-Flight and Cherry Point Marines, the team won its meets in a convincing manner as shown by the schedule:

April 11, Auburn in Atlanta. Tech 9-0.
April 14, Cherry Point Marines. Tech 7-2.
April 21, Duke in Atlanta. Tech 9-1.
April 25, Auburn in Auburn. Tech 9-0.
April 28, Tulane in New Orleans. Tech 4-2.
May 4, Navy Pre-Flight. Tech 7-2.
May 12, Navy Pre-Flight. Tech.
May 19, Duke at Durham. Tech.


Heating, Ventilating and Cooling Systems for Residences, Schools, Churches and Theatres
Designed, Manufactured and Installed
Equipment Furnished for Using Coal, Natural Gas or Oil

Complete Engineering Service

MONCRIEF FURNACE CO.
676 HEMPHILL AVE., ATLANTA, GA.
S. 1/C Walter D. Allen has been awarded the Purple Heart as a result of injuries sustained in the torpedoing of a ship in Leyte Gulf.

Lt. (j.g.) Paul P. Cook, recently returned home from the Philippines, where he helped to pave the way for the invasion of Iwo Jima. Upon his arrival in the States he was awarded the high Navy Cross.

1st Lt. Thomas J. Donnelly, THREE TIMES DECORATED FOR GALLANTRY IN ACTION AGAINST THE ENEMY IN THE EUROPEAN THEATRE OF OPERATIONS, is now a patient at Finney General Hospital at Thomasville, Ga.

Captain Richard Gibian, B.S. in I.M., '41, a P-47 Thunderbolt Pilot in the Germany-based 373rd Fighter-Bomber Group, has been awarded seven oak leaf clusters to his Air Medal.

Captain Thomas D. Guinn, U.S.N., Class of 1912, has been presented the Bronze Star Medal at the Norfolk Naval Air Station, where he is stationed as commanding officer of an important unit.

Captain Warren G. Littlefield, was recently awarded the Bronze Star Medal. He also holds the Distinguished Flying Cross and the Air Medal with 8 clusters.

Lt. Baxter J. Love, a B-29 bombardier, has been missing in action in the Marianas since March 27.

Lieut. Commander Raymond E. Moore, recently enjoyed a visit to his home in Atlanta. He received the high Navy Cross upon his arrival in the States.

His name is also numbered among those decorated for heroism in the Battle of Leyte Gulf last October 24.

1st Lt. Gordon H. Robertson, Jr., '44, son of Mr. and Mrs. Gordon H. Robertson of Cleveland, Ohio, has received the Bronze Star medal for heroism and exceptional performance of duty; and he also has been awarded the Combat Infantryman's Badge.

Lt. John E. Shipp, Jr., Class of '39, was awarded the Soldier's Medal. Lt. Shipp has been overseas 14 months and displayed heroism in England a short time before D-Day when the transport plane in which he was riding crashed and burned.

Lt. Commander Allen W. Smith, U.S.N.R., Ga. Tech 1935, of Avondale Estates, Atlanta, was recently awarded the Navy Cross, the exceptionally high Navy honor. The medal was presented to Comdr. Smith in recognition of his heroism and extraordinary achievement in leading carrier-based Navy planes on two damaging strikes against Japanese warships in the Philippines.

Brigadier General Samuel M. Thomas, B.S. in E.E., 1926, has been presented the Legion of Merit for "exceptionally meritorious conduct in the performance of outstanding service" as director of Signal Service for the Persian Gulf Command. General Thomas already held the Russian Order of Kutuzov awarded by the Soviet Government for his aid to the Red Armies in this vital supply line to the U.S.S.R.
UNION CARBIDE AGAIN REPORTS on the production of BUTADIENE for the Government's Synthetic Rubber Program

ONE OF THE MOST IMPORTANT factors in the Government’s rubber program is the production of GR-S type synthetic rubber.

The basic chemical in this rubber is Butadiene, which can be made from alcohol or hydrocarbon materials.

The Government's original plan provided that about one third of the required Butadiene would be made by CARBIDE AND CARBON CHEMICALS CORPORATION's alcohol process.

In 1943, their first year of operation, however, the plants using this process produced over 75 per cent of all Butadiene made for GR-S type synthetic rubber.

In 1944, the second year, these plants produced about 64 per cent of all Butadiene necessary for military and essential civilian rubber. This was true despite the fact that good progress had been made in the production of Butadiene by other processes.

THE RECORD

The first tank-car load of Butadiene was shipped from the Government's Carbide-built, Carbide-operated plant at Institute, West Virginia a little over two years ago.

This was just five months after the famous Baruch Committee Report pointed out this nation's desperate need for rubber—and approved Carbide's butadiene alcohol process, originally selected by Rubber Reserve Company, as one of the solutions.

In its first year the Institute plant, with a rated capacity of 80,000 tons per year, produced enough Butadiene for more than 90,000 long tons of synthetic rubber.

SEPTEMBER 10, 1942

"Of all the critical and strategic materials, rubber is the one which presents the greatest threat to the safety of our nation, and to the Allied Cause. . . . We find the situation to be so dangerous that unless corrective measures are taken immediately the country will face both a military and a civilian collapse."

—Report of the Rubber Survey Committee (Baruch Committee).

The material herein has been reviewed and passed by the Rubber Reserve Company, the Defense Plant Corporation, and the War Department.

Two more great plants using Carbide’s alcohol process—and built from the blueprints of the Institute plant—are in full production. One of these, with an annual rated capacity of 80,000 tons of Butadiene is located at Kobuta, Pennsylvania and is operated for the Government by another important chemical company.

The second, with a rated capacity of 60,000 tons a year, is operated for the Government by Carbide at Louisville, Kentucky—making the total rated capacity of the two huge plants now operated by Carbide 140,000 tons a year.

In 1944, the production of Butadiene from the three plants using the alcohol process totaled 361,000 tons—representing operation at over 164 per cent of rated capacity. An even higher rate is expected in 1945.

* * * *

Before Pearl Harbor, the United States was a “have not” nation with respect to rubber. Now, thanks to American research, engineering and production skill, our country can take its place as a dominant factor among the great rubber producing nations of the world.

BUSINESS men, technicians, teachers, and others are invited to send for the book P 5 "Butadiene and Styrene for Buna S Synthetic Rubber from Grain Alcohol," which explains what these plants do, and what their place is in the Government's rubber program.

AUGUST 31, 1944

"Undoubtedly the outstanding achievement of your company has been the development of your process for the production of Butadiene from alcohol. With a rather meager background of experimental work, your engineers were able to design and construct commercial units for the production of Butadiene. In an exceedingly short time, the operation of this equipment at capacities up to 200 per cent of rating has been largely responsible for our present safe situation with respect to rubber supplies."

—Letter from Rubber Director Bradley Devaney to CARBIDE AND CARBON CHEMICALS CORPORATION

BUY UNITED STATES WAR BONDS AND STAMPS

UNION CARBIDE AND CARBON CORPORATION
30 East 42nd Street UCC New York 17, N.Y.

Principal Units in the United States and their Products


RALEIGH PLANT AND GENERAL OFFICES OF THE ELECTRICAL EQUIPMENT COMPANY
2526 HILLSBORO STREET, RALEIGH, N. C.

We buy, sell, rent and exchange Electrical Equipment. We rewind and rebuild Electric Motors, Generators, Transformers, Armatures and all kinds of Electrical Apparatus to factory specifications.

Electrical Equipment Company
J. M. Cutfiff, E.E. '15, President and Gen. Manager
Richmond, Va.

---

Raleigh, N. C.—Home Office

Albert Roessl, E.E. '38, Sales Engineer

Augusta, Ga.

GEORGIA SCHOOL OF TECHNOLOGY

offers

to properly qualified young men

Training in

- ROTC
- Coast Artillery
- Infantry
- Signal Corps
- Ordnance
- NAVAL ROTC

AERONAUTICAL ENGINEERING
ARCHITECTURE
ARCHITECTURAL ENGINEERING
CERAMIC ENGINEERING
CHEMICAL ENGINEERING
CHEMISTRY
CIVIL ENGINEERING
ELECTRICAL ENGINEERING
GENERAL ENGINEERING
INDUSTRIAL DESIGN
INDUSTRIAL MANAGEMENT
MECHANICAL ENGINEERING
PUBLIC HEALTH ENGINEERING
TEXTILE ENGINEERING

for information, address
THE REGISTRAR

GEORGIA SCHOOL OF TECHNOLOGY, Atlanta, Ga.
"We'll be helping to bring you Television"

"We in the Bell System now furnish the networks for radio and we'll be on the job with networks for the transmission of television, too. Those networks may be of wire or coaxial cable or micro-wave radio-relays. Networks and transmission are the Bell System's part of television's future. They are right down our alley."

BELL TELEPHONE SYSTEM

Listen to "The Telephone Hour" every Monday evening over NBC
Have a "Coke"

"Coke" means Coca-Cola

THE PAUSE THAT REFRESHES