

# The GEORGIA TECH ALUMNUS

SEPTEMBER – OCTOBER



1945

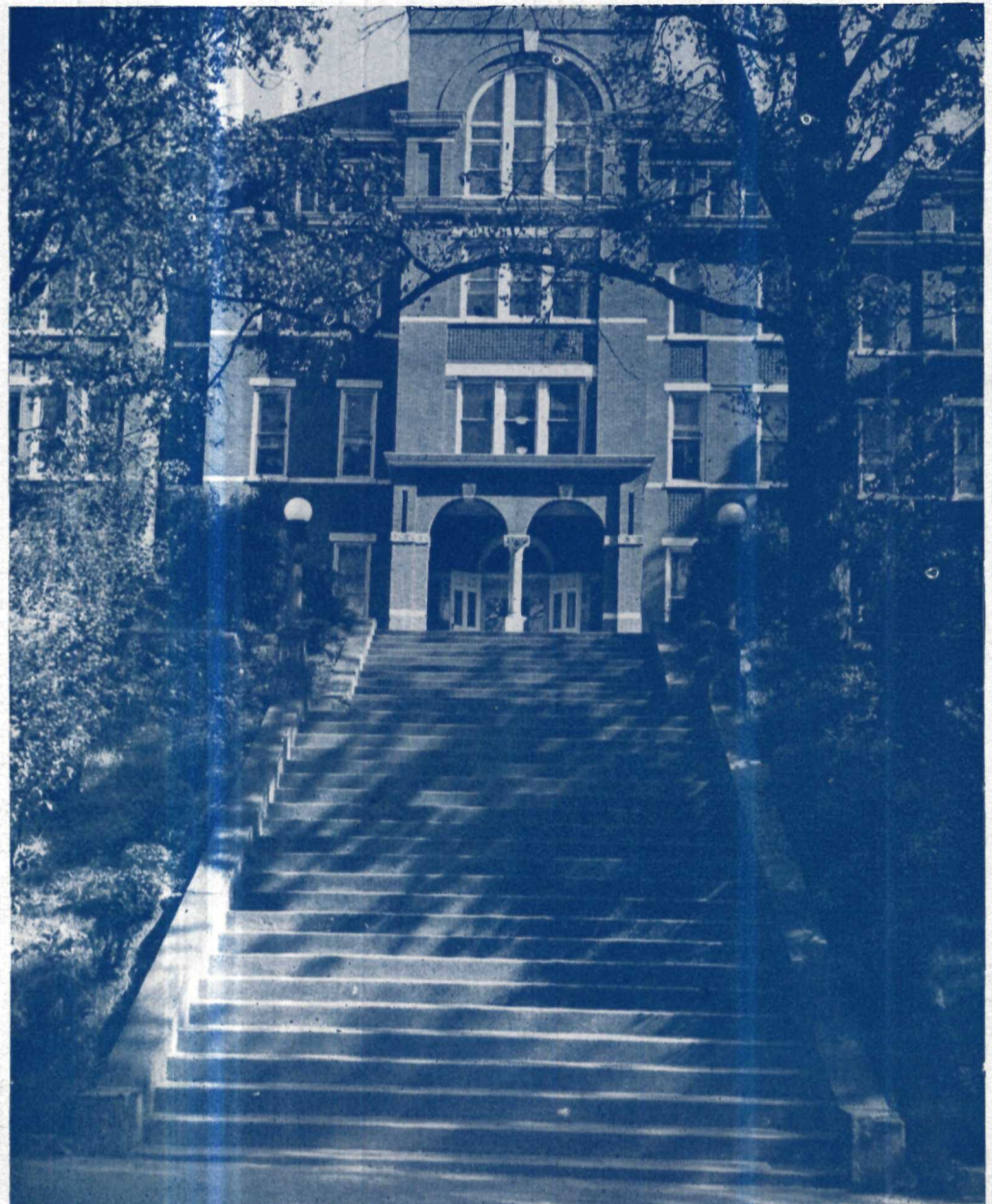


Path from Swann to Knowles



VOL. XXIV

No. 1



Campus Steps to Old Administration Building



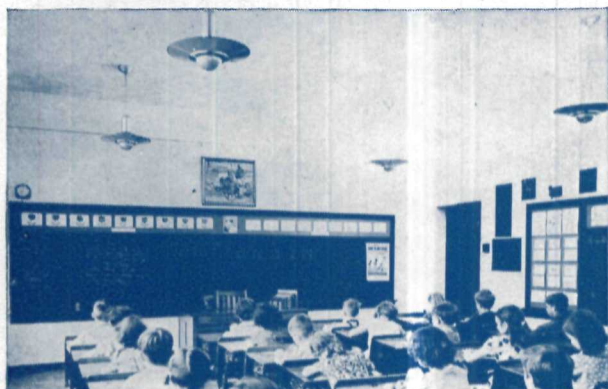
# Outwitting the weather



How science copes with Old Man Weather is illustrated by these ideas and devices from General Electric laboratories.

How high are the clouds? A ceilometer measures this for airmen. How wet is the weather? Hay can now be stored in barns before it is dry, with a new hay-drying system with G-E control. And one G-E laboratory makes weather—with or without rain, wind, sleet, snow—to test G-E turbo-superchargers.

On this page are a few more examples of the way General Electric research and engineering are being devoted to this phase of human comfort and health. General Electric Company, Schenectady, N. Y.



**Cloudy but bright.** When clouds darken the sky, lights come on in this schoolroom. No one has to remember; a General Electric automatic light control with an "electric eye" keeps constant watch, safeguards young eyes by turning on the lights whenever needed.



**Cucumber magic.** Vines in electrically heated soil (right) grew twice as tall, and bore one month earlier. A heating cable, developed by G-E engineers, is buried in the soil and thermostatically controlled. More than 15,000 commercial growers use G-E soil-heating cable.



**Spring weather.** Cool, mountain-top comfort in your bedroom, or anywhere else in your house, will be provided by G-E air conditioning units. Nor have G-E engineers forgotten winter problems; they have applied G-E research and engineering to home heating systems, too.



**Weather detective** goes aloft in the small box suspended from the balloon. Some 12 miles up the balloon bursts, and the box is parachuted back to earth. On the way up, this electronic device, called the G-E Stratometer, gives a running commentary on the weather—temperature, humidity, air pressure—and sends this information back to earth by radio signals. The information gathered by the G-E Stratometer can be used to help predict weather.

★ ★ ★

Hear the G-E radio programs: *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.

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*"Me? I'm going back to school!"*



**H**E AND WHO ELSE? Surveys have shown that more than 600,000 of our service men hope to see the old campus again, when they return to civilian life. And they want to know just how far the G.I. Bill of Rights will go toward helping them finish their education.

Most service men are full of questions about the future these days. Thousands of them have written to us from all over the world, asking not only about going back to school, but also what to do about their National Service Life Insurance, and

how the job situation is sizing up.

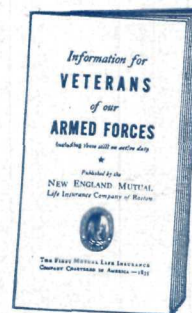
We've boiled down all the answers we could think of and put them in the handy, pocket-size, 40-page booklet described below. It's free, and we are mighty glad to send it to men on active duty anywhere, as well as to veterans already demobilized.

Or, if you have a son, husband or friend in the service, we shall be happy to send you a copy to forward to him. Just write us at 501 Boylston Street, Boston 17, Mass., and we'll put it right in the mail.

## 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

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SAMPLE OF THE  
CONTENTS:**



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How to continue your education, guidance on loans, benefits, etc.

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How to keep it in force, how to reinstate, and convert, with rates.

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10,000 FEET UP...

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He bails out... floats safely to earth behind his own lines. American textiles saved his life.

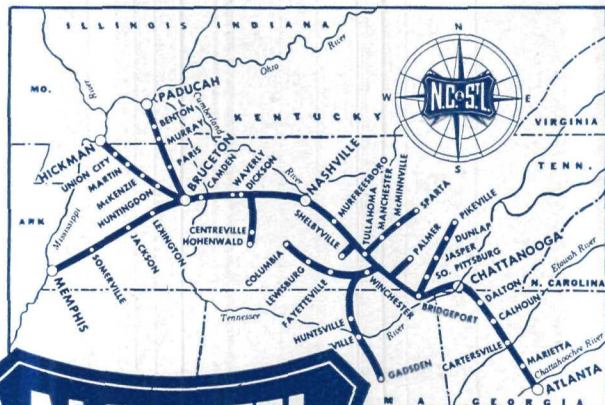
His 'chute is made of woven threads. Countless types of textiles are used in war. For tires, cartridge cloth... in making tanks, trucks, jeeps, airplanes and other equally vital war materials, American textiles are *indispensable*.

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BUY WAR BONDS FOR VICTORY





## THE

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Service Citations

Sports

## Peace and Home

By divine guidance and through the heroic self-sacrifice of our gallant men and women, the great cause of justice and right has brilliantly prevailed, as it was surely destined to do; and we humbly express our everlasting gratitude to those who "gave their all," and to the many others who also served so bravely and well to bring about the anxiously awaited, "Peace on Earth."

We also join, indeed, most gratefully and in all reverence with the knowing multitudes who have expressed and are expressing the lofty thoughts of the glorious doxology:

"PRAISE GOD FROM WHOM ALL BLESSINGS FLOW."

Thoughts turn to home, as they should. Many will not return—and we bow in undying thanks and solemn respect to them. They "fought the good fight" for everything worth while in life. Their brave families and "buddies," friends and all other good folks will loyally strive to make the world a peaceful one and infinitely better, for their sacrifices and in their revered memory.

Georgia Tech is planning memorial plaques and historical records for the memorial halls of the new academic center which is scheduled for early construction.

For the returning veterans and those now at home, the college is already operating most efficiently in conformity with the very progressive G.I. Bill of Rights, under the capable direction of E. F. Griffin, Chief, Veterans' Administration Guidance Center, Swann Hall, Georgia Tech.

The Personnel Department and the Alumni Placement Office, at Tech, are both rendering valuable assistance to the veterans and other alumni; and they offer their every facility to those who desire their respective services.

Peace and Home, with all that it implies, puts a most definite obligation upon our entire country; and, may we well serve those who so gloriously served us.

## Class Roll Calls Planned

Realizing the importance of getting a direct contact with each alumnus, principally for personal information to be published in the 1946 Alumni Directory and for the Georgia Tech Alumni Foundation, the Alumni Association Board and the Trustees of the Foundation plan to institute systematic Class Roll Calls, right away.

In view of the fact that continuous calls, on the various and decidedly loyal class representatives, would be asking entirely too much, it has been proposed that the Alumni Office handle the Class Roll Calls for the Foundation. By no means, of course, are the present subscribers to be further solicited.

In connection with the foregoing—Georgia Tech, the Foundation Trustees, and Alumni Board, take this method of publicly expressing their sincerest thanks to the respective class representatives for their outstanding work and subscriptions; and also, very definitely to each subscriber to the Foundation Fund which through August 1945, shows the encouraging amount of \$205,476.19 subscribed to Georgia Tech through the Foundation.



## Georgia Power Company Gives \$100,000 to Tech Foundation

Mr. Frank H. Neely, President of the Board of Trustees of the Georgia Tech Alumni Foundation, Incorporated, announced on August 23 that the Foundation was the recipient of a gift the magnitude of which promises far-reaching results for the Georgia School of Technology. The donation in the form of a check for \$100,000.00 was received from the Georgia Power Company, and it bore no stipulation, whatever. It was accompanied by a letter from Mr. Preston Arkwright, Chairman of the Board of the Georgia Power Company, expressing the interest of his company in education as an effective means of raising the economic and social level of the State, and a particular interest in the industrial and technological type of education which Tech has been providing for the past fifty-seven years in such an effective way.

Mr. Arkwright pointed out that the post-war period will be one not only of expansion but also of testing, for all technological universities and that Georgia Tech is presented with a wonderful opportunity to become the leading engineering school of the United States, to follow the position of leadership in the Southeast as earned in the past.

Mr. Neely stated that it was most fitting for the largest and most progressive industry in the State of Georgia to make available such splendid assistance for the only technological school of the State. This is another example, and a magnificent one, of the practical ways in which the Georgia Power Company puts into effect its motto "A Citizen wherever we serve." Probably there is no single agency which has done more to build up our State than the Georgia Power Company, said Mr. Neely.

This cooperation will be of tremendous benefit, and it comes as a recognition of the work which the Alumni Foundation has been doing during the past year in securing support from the Alumni of the School who have contributed individually to the Foundation sums which aggregate considerably more than \$100,000.00.

The Trustees of the Foundation have conferred with Col. Blake R. Van Leer, President of Georgia Tech, to determine how to use this very large gift most advantageously. It has been concluded that it could best be devoted to giving Georgia Tech an outstanding position in the field of Electrical Engineering, with particular reference to the field of Electric Power Engineering. In Communication, which is the other major division of electrical engineering, the School is particularly fortunate in having Radio Station W.G.S.T. which, under the able direction of Mr. Frank M. Spratlin, class of 1906, has expanded greatly during the past two years. An announcement has previously been made of the experimental frequency modulation broadcasting equipment in the Department of Electrical Engineering at Georgia Tech which will give the students the latest and most up-to-date developments in radio.

Pursuing the above-stated purpose, Colonel Van Leer has further recommended that a considerable part of the gift be used for the purchase and installation of the most modern piece of equipment in the power engineering field, known as the A. C. Network Calculator. The Network Calculator is one

### A RESOLUTION

**BE IT RESOLVED**, That the most sincere thanks of the Board of Trustees of the Georgia Tech Alumni Foundation be extended to Mr. Preston Arkwright, Chairman of the Board of The Georgia Power Company, and through him to this Corporation for its magnificent gift of One Hundred Thousand Dollars (\$100,000) to the Foundation.

The Trustees of the Foundation have worked energetically during the past two years to develop means of assisting The Georgia School of Technology. The magnanimous gift from the Georgia Power Company represents by far the greatest accomplishment in this direction. The Trustees have used this large contribution to purchase an A. C. Network Calculator from the Westinghouse Electric Corporation. Believing first, that this equipment will enable the Electrical Engineering Department of the School to perform its functions much more effectively, and second, will enable the School to serve the entire Southeast in the field of high tension transmission and distribution.

The Trustees of the Georgia Tech Alumni Foundation pledge themselves to do everything in their power to bring to complete success both of the objectives stated in the foregoing paragraph.

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of the most intricate pieces of electrical machinery which scientists have so far devised, and is a very powerful tool in the solving of problems of power transmission and generation.

The characteristics peculiar to any power system can be reproduced exactly in miniature on the A. C. Network Calculator. This means that instead of using time-consuming mathematical manipulations, an electrical engineer can set up a miniature interconnected power system representing major transmission lines extending for hundreds of miles and measure the distribution of power and voltage at different stations under various conditions.

Cherry L. Emerson, 1908 graduate of Georgia Tech, Dean of Engineering at the college, has carried on the negotiations and arrangements with the various interested parties in connection with this gift and has been designated by President Van Leer as the official representative of the Georgia School of Technology to consummate the plans and arrangements for the installation of the useful scientific calculating device.

Conferences have already been held with Colonel Van Leer, Cherry Emerson, Professor D. P. Savant, Head of Electrical Engineering Department at Georgia Tech, and the leading scientists of the General Electric and Westinghouse Companies, who manufacture A. C. Network Calculators, and it appears that Georgia Tech will be able to obtain the largest and most complete board of this type in the world. For some time, there has been such a network calculator at the Massachusetts Institute of Technology; one has recently been installed at the Illinois Institute of Technology in Chicago, and each of the foregoing manufacturers mentioned have an

(Continued on Next Page)



## Death of Chancellor Sanford Saddens Entire South

Stricken with a cerebral hemorrhage at a meeting of the Board of Regents on September twelfth, at the State Capitol in Atlanta, Dr. Steadman Vincent Sanford, brilliant and beloved Chancellor of the University System of Georgia, died at Emory Hospital without regaining consciousness, on Saturday, September fifteenth.

Not only Georgia and the entire South, but the whole nation will feel with keen regret the passing of Dr. Sanford—one of the truly great educators of his state and country.

Governor Arnall, Chairman Marion Smith of the Board of Regents, and a host of other nationally prominent executives and educators, eulogized Chancellor Sanford.

The flag at the Capitol and those of all branches of the University were lowered to half-staff from the time of his death until after his funeral.

At Georgia Tech, students cancelled the Mechanical Arts Ball as scheduled to be held on the night of September fifteenth, and President Van Leer, the Georgia Tech National Alumni Association, and other Tech leaders and organizations conveyed messages of condolence to the Chancellor's family.

As head of the University System since 1935, Dr. Sanford directed 13 state colleges and 3 experiment stations; he was instrumental in obtaining large funds for many college buildings and, with his intellect and keen wit, he was always in demand as a public speaker.

The Chancellor became associated with the University of Georgia faculty in 1903 as an instructor of English. Before coming to the university he had been connected with Marietta, Georgia, schools for

13 years as president of the Marietta Male Academy, principal of the high school and superintendent of schools.

Dr. Sanford served as dean of the university from 1927 until 1932. As dean, he raised the entrance requirements of students.

He was born in Covington, Ga., on August 24, 1871, and was graduated from Mercer University in 1890 with a bachelor of arts degree. He married Miss Grace McClatchey, of Marietta, in 1895.

He studied at the University of Berlin in 1912 and 1913, and at Oxford University, England, in the summer of 1913. The University of Georgia bestowed the degree of doctor of literature upon him in 1914.

Sanford Stadium, a \$300,000 structure on the campus of the University of Georgia, at Athens, is a lasting memorial to him. The stadium was dedicated at the Yale-Georgia football game on October 13, 1929, when Georgia defeated Yale 15-0.

Dr. Sanford was annually elected president of the Southern Conference from 1921 until 1930. In 1935 he became president of the Georgia Education Association; he was then appointed Chancellor of the University System, which position he held until the day of his death.

Funeral services were held in the Fine Arts Auditorium of the University at Athens on the afternoon of Sunday, September 16. Burial was in the family cemetery at Marietta, Georgia. In addition to the pallbearers, an escort included Governor Ellis Arnall, the Regents of the University System, heads of the colleges of the system, and the faculty of the University of Georgia.

## Georgia Tech Receives Large Gift From Power Company

*(Continued from Preceding Page)*

operating board at their own plants, one in Schenectady, N. Y., and one in Pittsburgh, Pa. The Georgia Tech board will be the only one available in the Southeast.

The A. C. Network Calculator will be a source of revenue, as well as an unique tool for electrical research. Mr. Preston Arkwright with his usual generosity and broad gauge thinking has stated that, if the Foundation sees fit to purchase such an A. C. Network Calculator, his company would expect no different treatment on the basis of time allocation or charges than would be given to any other power company in the Southeast or Southwest.

Not only will the board be a source of income, but it will also serve as a very fine teaching tool where students in the later years of their electrical engineering training can become acquainted with the actual problems of power transmission and will help in their solution; and it will be very valuable for graduate students who will themselves learn to operate the board and develop their own problems and methods of scientific approach.

Tech has just been fortunate in securing the services of Dr. Robert I. Sarbacher as Dean of its

Graduate School. Doctor Sarbacher is one of the leading scientists in the United States in the field of electronics. He states that such a Board would be invaluable in the work which he is instituting, with so much vigor, at Georgia Tech. He points out that not only will this Board serve to solve electrical problems, but that it may be used in a number of fields for which its further applications are now in process of development. One possibility is its use in solving mechanical stress problems as in airplane structures, and vibration analyses which will be useful to graduate students from the Department of Aeronautical Engineering. Its use may possibly be extended to aid in the solution of problems in the field of acoustics, high frequency electronics, thermodynamics, and others.

The Georgia Tech Alumni Foundation has been very active in contacting a number of industries during the past twelve months and undoubtedly other large and nationally known corporations may follow the lead of the Georgia Power Company in providing other departments of the School with resources to encourage their development along the particular lines of interest to these corporations.



## Alumni Association Officers Elected

Election of Georgia Tech National Alumni Association officers for the 1945-46 term was officially concluded with the June balloting which followed the unanimously confirmed spring nominations; and the alumni are again to be congratulated for such an excellent group of prominent and highly co-operative leaders whom they elected, as follows:

**President, Frank A. Hooper, Jr., 1916, Gen. Engr., L.L.M.**

**Vice-President, Lawrence Willet, B.S. in C.E., 1918.**

**Vice-President, At Large, John L. Davidson, B.S. in M.E., 1915; M.E., 1928**

**Treasurer, Baxter Maddox, 1922, Gen. Engr.**

It is customary to carry a brief biographical sketch of each officer, and it is a real pleasure to publish the information, once more.

**Frank A. Hooper, Jr., 1916, Gen. Engr., L.L.M., Atlanta, Ga., Judge, Fulton County Superior Court. Georgia State Legislator, 1925 to 1928; former Judge Georgia Court of Appeals. Outstanding in state and local activities. Alumni Foundation trustee, experienced in general alumni matters.**

**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.**

**John L. Davidson, B.S. in M.E., 1915; M.E., 1928. Vice-president Valve Pilot Corporation, 230 Park Ave., N. Y., N. Y. Former President, Georgia Tech Club of New York. An active, constructive and progressive Ga. Tech organization and civic leader.**

**Baxter Maddox, 1922, Gen. Engr., Ga. Tech and Cornell, Vice-president, Trust Department, First National Bank, Atlanta. Present treasurer of the Alumni Association. Exceptional business and civic leader, with state and national prominence. Active in college and alumni affairs.**

In keeping with the precedents of the Alumni Association and in due consideration for those who serve as presidents, these officials have never been asked to serve more than two years in succession. The retiring officers do not go out of office, however, without the sincerest thanks of all, together with every appreciative acknowledgment for their exceptional loyalty, untiring and unselfish work and remarkably expansive and highly successful undertakings in behalf of Georgia Tech and the Alumni Association.

### Class Secretaries:

Messrs, J. B. McCrary, '91, and A. R. Colcord, '92, for the Pioneer Classes; C. E. Buchanan, '96; Strother Fleming, '01; E. W. Klein, '02; P. M. Peteet, '03; F. Davenport, '04; Robt. Gregg, '05; G. Winship, '06; G. M. Stout, '07; Dan I. MacIntyre, '08; W. H. Hightower, '09; Frank Legg, '10; M. S. Hill, '11; Otis Barge, '12; Robt. L. Hughes, '13; A. F. Montague, '14; Edgar Montague, '15; Chas. S. Gardner, '16; John M. Slaton, '17; Jas. S. Budd, '18; Morgan McNeill, '19; L. F. Kent, '20; Jas. H. Johnston, '21; A. R. Flowers, '22; C. M. Kennedy, '23; Jos. Daniel, Jr., '24; H. Hutton, '25; G. H. Traylor, '26; Gilbert Boggs, '27; Jack Holman, '28; Ben Largen, '29; Chas. N. Witmer, '30; Hudson Edwards, '31; Randy Whitfield, '32; Ivan Allen, Jr., '33; Dudley King, '34; Jere Perkerson, '35; James A. Rankin, '36; Lawrence C.

## Frank Spratlin Cited at Exercises

Frank M. Spratlin, '06, was awarded the Georgia Tech Distinguished Service Medal at the Commencement Exercises on June 22.

Mr. Spratlin, President of Spratlin, Harrington and Thomas, Atlanta, Ga., is a member of the Board of Regents of the University System, Chairman of the W.G.S.T. Radio Committee, and a Trustee of the Georgia Tech Alumni Foundation and is otherwise highly prominent in other State and civic affairs.

The award followed a very able and outstanding address, to the graduating class, by Dr. Robert B. Stewart, of Purdue University, who was the Commencement speaker.

Mr. Spratlin was commended in the citation, which stated: "For your untiring energy on behalf of your alma mater, for your supervision of Radio Station WGST, for your work on the Board of Regents' Georgia Tech development committee, your high sense of honor and duty, for your great citizenship in Atlanta, and for your many other outstanding achievements."

## Unsurpassed Loyalty

A genuine example of unsurpassed alumni loyalty was evidenced during the latter part of May, upon your "ole" secretary's receipt of a truly great and most generous letter which it is an honor to quote, in part, as follows:

"I attach check on the Trust Company of Georgia payable to the Alumni Foundation for \$2500.00, this to go to the general fund without restriction. I am going to do this for a specific reason; my son is graduating from Tech next month, and for six out of the eight terms he has been without expense to me, or practically so, as the Navy has paid all of his fees and other expenses plus the apprentice seaman's pay. He has been allowed to continue to take a special course, chemical engineering, in which I believe his degree will be granted.

"Six of these terms, by a minimum estimate, would have cost me a little over \$400.00, per term; so, I am making the contribution of about the amount that he would probably have spent, plus helping a most worthy cause, one which I believe will eventually mean a great deal for the future of Tech.

"I shall appreciate your turning this check over to the Treasurer to be credited to the Class of 1915, and I feel sure that it will be put where it will do the most good, as well as discharging my obligation for my sons education."

It is stimulating, indeed, to add that the foregoing was one of several similar and most generous, alumni subscriptions to the Georgia Tech Alumni Foundation; these have already been reported, or will later be shown, in the classes of the respective donors.

### Alumni Officers—(Cont'd)

Hayes, '37; Jack Nixon, '38; Thos. J. Hughes, '39; Chas. P. Richards, '40; J. F. Stovall, '41; C. L. Peacock, '42; Alex L. Lofton, '43-'44; and M. H. Furchgott, '45.



## Alumni Dinner Given in Honor of Coach Alexander

Georgia Tech's nationally prominent and beloved director of athletics, William A. Alexander, was honored by hundreds of distinguished alumni, local and visiting coaches, educators, state, city and county officials and other friends, at a brilliant dinner arranged by the Georgia Tech National Alumni Association at the Ansley Hotel, Atlanta, on Friday night, June 22.

The banquet came as a most appropriate climax to the June Commencement activities of the college.

To conclude the great evening of heartfelt praise and tribute, Coach Alexander was presented with a handsome silver bowl serving set, by the Georgia Tech Alumni Association through its then president, Cherry L. Emerson, now Dean of Engineering at Tech.

Coach Alex responded most interestingly and graciously and stated with emphasis and feeling: "That which I value most, as I have said before, is the friendship of the men in this room."

Judge Frank A. Hooper, Jr., president-elect of the Alumni Association, presided. There were National and Georgia Tech songs by the Tech singers, under the direction of Walter Herbert. President Van Leer of Georgia Tech gave an address of welcome. Ed Danforth, distinguished Atlanta Journal sports editor, was the very able speaker for the occasion; he praised Coach Alex's 25 years of great and brilliant service and stressed his genius as a master strategist.

Dr. Robert B. Stewart, of Purdue University, Tech's commencement speaker, was among the prominent educators who were guests at the dinner.

Particularly impressive, too, was the group of visiting coaches and athletic directors, close friends of Coach Alex, who travelled quite some distance to be present for the occasion; they included: Hugh Devore, Notre Dame; Bernie Moore, L.S.U.; Wallace Butts, U. of Georgia; Bob Warren, Georgia Preflight; Cmdr. Matty Bell, Georgia Preflight; Wilbur Hutsell, Auburn; Monk Simons, Tulane; Frank Howard, Clemson; Frank Thomas, Alabama and Jimmy Owen, formerly of L.S.U. They were introduced by Tech's head coach, Bobby Dodd.

On its dedication page, under a very good picture of Coach Alexander, the attractive Honor Dinner, souvenir program warmly conveyed the feelings of all, in the following:

### IN TRIBUTE TO "COACH ALEX"

"At the invitation of the Georgia Tech Alumni, many outstanding Georgians and other prominent friends have met at this testimonial dinner to pay sincere tribute to **WILLIAM A. ALEXANDER**, beloved athletic leader and "builder of men," now retiring after 25 years as Head Coach at the Georgia School of Technology. It is, indeed, a great pleasure and high privilege, to do him honor.

"Throughout these years he has developed teams which have either won or strongly contended for,



Photo — Courtesy Atlanta Constitution

W. A. Alexander, '12 (center), Georgia Tech Athletic Director, shown at the dinner given in his honor on June 22. C. L. Emerson (left), retiring alumni head, presented a silver vegetable set to Coach Alexander from the alumni. Judge F. A. Hooper, Jr. (right), alumni president-elect, presided at the banquet.

the top place in American football and the other branches of athletics; and his squads have always reflected credit upon Georgia Tech and the South by their hard fighting and clean playing.

"He has firmly held the love, respect and loyalty of those whom he coached and, in turn, he has received from them clean sportsmanship and the best of their efforts.

"At all times, he has possessed the heart of a true sportsman—never boasting when he won, never complaining when he lost; ever exemplifying, in every sense, the real spirit of a great leader.

"'Coach Alex,' the man, has all the grand traits of character and genuine elements of personality which have caused us to be profoundly proud, during all these years, that he has represented us before the world as a Georgia Tech Alumnus, Head Coach, and true Southern gentleman; and now, happily for us, as our Director of Athletics, Professor of Physical Training and Head of the Department."



## Tech Alumni in the Armed Forces

OFFICERS AND ENLISTED PERSONNEL . . . 5,558

Officers . . . . .	3,661
Enlisted Personnel . . . . .	1,897
"Gold Star" Alumni . . . . .	133

*This so regrettable loss of lives is unfortunately incomplete as reports have not yet been received at Georgia Tech on other "Gold Star" Alumni.*

The Foregoing comprise the following:

OFFICERS—ARMY . . . . .	2,123	
OFFICERS—NAVY . . . . .	1,538	
TOTAL OFFICERS . . . . .	3,661	3,661

### ENLISTED PERSONNEL:

Total Naval Personnel, Georgia Tech students, trained at Georgia Tech since Pearl Harbor . . . . . 1,533

Not including Georgia Tech Naval R.O.T.C. commissions: alumni sent to Midshipmen's and Marine Officers' Schools, numbering 718, 369, and 84, respectively, as shown in detail columns. NOTE: An appreciable number of the 1533 have undoubtedly been commissioned; however, information has not been received in that connection, as yet.

Navy Enlisted Personnel-Add'l Alumni . . . . . 122

Army Enlisted Personnel-Add'l Alumni . . . . . 242

(The last two items are very conservative and incomplete, due to lack of replies to questionnaires or information available, as yet.)

TOTAL ENLISTED PERSONNEL . . . 1,897 1,897

TOTAL . . . . . 5,558

### DETAIL ON FOREGOING

ARMY OFFICERS (Commissioned by the Georgia Tech Army R.O.T.C., 1930 through 1945) . . . . . 1,995

ARMY OFFICERS (Prior to 1930) . . . . . 128  
(There are considerably more from the foregoing, yet to report)

NAVAL OFFICERS (Commissioned by the Georgia Tech Navy R.O.T.C., 1927 through 1945) . . . . . 718

GRADUATES Sent to Midshipmen's Schools (Now Officers) . . . . . 369

GRADUATES Sent to Marine Officers' Schools . . . . . 84

Additional Alumni, Naval Officers . . . . . 367

(There are many more, undoubtedly, but the information on them hasn't been received, as yet.)

ARMY—Enlisted Personnel . . . . . 242

NAVY—Enlisted Personnel . . . . . 122

(The foregoing two listings are conservative figures; as much information is still to be obtained.)

NAVY—Total of Georgia Tech Students trained since Pearl Harbor, not including Naval R.O.T.C. Commissions as shown . . . 1,533

TOTAL . . . . . 5,558

## Annual Dedicated to Cherry Emerson

Undoubtedly, the dedication of the BLUE PRINT, Georgia Tech's Annual, is the highest tribute that the students can pay to anybody, and it goes without saying that the Alumni of the college will be exceptionally pleased and quite proud to know that the 1945 Annual was dedicated to their distinguished and popular, immediate past president of the National Alumni Association, Cherry L. Emerson, B.S. in M.E., and E.E., 1908.

The very worthy and so well-merited tribute, opposite a full-page photo of the honoree, on page 7 of the annual, states:

### DEDICATION

"To CHERRY LOGAN EMERSON, the recently appointed Dean of Engineering, himself an outstanding Ramblin' Wreck who, because of his natural ability, deep understanding, and boundless knowledge, has earned a high position of leadership in the field of engineering, the 1945 BLUE PRINT is respectfully dedicated."

## R. B. Wilby Returns From War Mission

R. B. Wilby, '08, nationally prominent motion picture executive, returned to Atlanta in July, following a trip of four weeks through the European war zones, as a member of the War Department Mission which studied plans for using educational pictures in the occupied countries.

Mr. Wilby was strongly impressed with the fact that during the time of his mission the war losers were better fed than the victors.

He stated in a newspaper interview:

"I can say that the contrast between London and Paris and the cities of Germany is somewhat startling. After seeing the scarcity of essential goods in both Britain and France, we went to Germany and found the people there better fed, better clothed and better shod. How long that situation will last, I don't know, probably as long as their loot holds out—the loot they gathered in the countries they occupied. But the sight of all that certainly gave us something to think about."

Continuing the published quotation, Mr. Wilby said, "We saw plenty of growing food crops in France and Germany, that were tended by women and children, but the greatest trouble is that this food cannot be distributed very well.

"There are virtually no transportation facilities left. The railroads have been rendered almost useless, there are scarcely any trucks left, and most of the bridges have been blown up. This means," he continued, "that the country people will have enough to eat from what they raise, but the urban centers will suffer greatly until the transportation systems can be rehabilitated."

Mr. Wilby mentioned that steel and coal also are two of the most acute needs in getting Europe's economy moving again.

"And you may be sure," the report added, "I'm glad to be back here where the city is whole. Americans can have no adequate idea of the extent of the bomb damage in German cities unless they see it themselves."



## Georgia Tech V-12's Celebrate V-J Day



Navy V-12 students at Georgia Tech celebrate V-J Day on the campus following a general one-day holiday given by the college for the momentous occasion.

— Journal Photo

### Public Relations Director Appointed

Lieut. Col. Leslie F. Zsuffa reported for duty at Georgia Tech on September first as director of the newly-organized Public Relations Department of the college.

The principal objective of the department will be that of stimulating and strengthening more cordial relations between Georgia Tech, on the one hand, and the general public, engineering, business and industry on the other. In addition, the office will handle publicity that pertains to the expansion and development of the college and the promotion of industry in the Southeast.

#### On Eisenhower's Staff

Lt. Col. Zsuffa, engineer, soldier, editor, and public affairs officer, joined the staff of General Dwight Eisenhower's Supreme Headquarters, Allied Expeditionary Force, in 1943, and worked on plans for D-Day, and acted as liaison officer between SHAEF and the British ministry.

Together with Colonel Dunat of General De-Gaulle's staff, Mr. Zsuffa helped to reorganize the French and Belgian highway transportation systems, after they had been sabotaged by the Germans; and two companies of this reorganized group, loaded down with food and medical supplies, entered Paris 12 hours ahead of the first American troops.

In the fall of 1944, he was assigned to assist Prime Minister Churchill's Committee in an investigation of civilian conditions in France, Belgium, and Holland.

### Van Leer Named Port Chairman

Governor Ellis Arnall appointed the highly important three-man State Ports Authority, during the summer; naming President Van Leer of Georgia Tech, James P. Houlihan of Savannah and Alfred W. Jones of Sea Island, Ga., on the board.

Following the appointments, Colonel Van Leer was elected chairman of the authority.

The principal purpose of the body is to develop and finance state ports at Savannah and Brunswick, respectively.

#### Public Relations Director—(Cont'd)

##### Native of New York

Mr. Zsuffa was born and educated in New York City. He received degrees of B.S. in M.E. and M.E. from New York University, and of Master in Business Administration from the College of the City of New York. He has also completed courses in merchandising and retailing at NYU and in military government at the University of Virginia.

Before his entry into the Army he was engineering and management consultant to United Parcel Service of America, and later director of public relations and assistant editor for the American Society of Mechanical Engineers in New York.

Mr. Zsuffa is a member of ASME, the Society of Automotive Engineers, NYU Letter Club, Churchill Club (London), Fort McPherson Officers' Club, and many other organizations. He is married and has two children.



## Alumni Authors

It is both encouraging and significant to note that quite a number of Georgia Tech Alumni are as efficient with the pen as they are with the slide rule; that fact, of course, not only labels those concerned as prominent authors but, seriously, it means that the "men and the land" of Georgia Tech are definitely productive in various important fields.

Unfortunately, the alumni publication is not in position to give the very greatly merited space to complete reviews or reprints of books, pamphlets, reports and articles, as written by the alumni; however, it is trusted that, before very long, Georgia Tech will have the funds and the ways to issue a college edited "Review" for the publication of research findings and comprehensive reviews on writings by the students, faculty and alumni.

\* \* \* \*

*TOMORROW'S LOCOMOTIVES*, by James E. Davenport, M. E. and E. E., '08, is a most interesting and highly instructive 15-page pamphlet covering an address delivered before the Western Railway Club, at Chicago, Ill., on April 17, 1944.

Mr. Davenport is Vice-President, Engineering, Development and Research, American Locomotive Company, New York, N. Y., former Vice-President of the Georgia Tech Nat'l Alumni, and now a trustee of the Georgia Tech Alumni Foundation.

The pamphlet briefly reviews railroad history, describes Diesel Locomotives and outlines factors of cost and efficiency, problems of engine design, fuel supply and the like. The Steam Locomotive is likewise dealt with, as to its present development and future prospects, along with Steam Turbine and Gas Turbine Locomotives. Mr. Davenport concludes with the observation that while new and more efficient types of locomotives will appear in the next ten years, there is no doubt in his mind that the steam locomotive will continue to be the major factor in railroading for some time to come.

\* \* \* \*

*WANDERING IN THE WILDERNESS*, by William Elliott Wood, B. S. in E. E., '07, is announced as an outstanding forthcoming publication by the Dietz Press of Richmond, Va.

Although one of the foremost executives in the electrical field, Mr. Wood has shown his versatility in many and proficient ways, and his contribution to the book world, while somewhat different, doesn't come as much of a surprise—yet, a most pleasant one—to those who know him.

The very interesting announcement states that the . . . "volume contains an unusual and unintentional autobiography of the late Dr. E. J. C. Wood, gathered from his notes, letters and other writings. It was compiled, collated and edited by his son, William Elliott Wood, who contributed many interesting and explanatory comments throughout the manuscript. Dr. Wood was an unusual man. As a philosopher, he ventured into the highlands and lowlands of religion, business, government, mysticism, spiritualism science, or wherever an unusually alert and inquisitive mind might lead him. He did not hesitate to enter any uncharted wilderness and to boldly set on paper his observations respecting these explorations. These observations are extraordinarily interesting, often

## Tech Professor Aided Atomic Project

It was recently disclosed that Dr. Newton Herod, professor of physics at Georgia Tech for 15 years, was given a leave of absence two years ago when he was called to Columbia University to help with research on the atomic project.

Dr. Herod was called to New York at the time of the presidential approval of the scientific work because he had conducted previous research on the subject there. After working at Columbia, he went to Oak Ridge, Tenn., where he has been since January.

In the meanwhile, the Georgia Tech Experimental Station completed some important projects for the Federal Government; these will probably be reported at an early date. Dr. Gerald A. Rosselot is the director of the Engineering Experimental Station.

## Alumni Authors—(Cont'd)

amusing, frequently profound—and sometimes shocking. Those who read this book will turn the last page wondering if all has been told and wishing for a sequel."

\* \* \* \*

*NEW GUINEA—WHAT AND WHY*, by Colonel H. W. Hesterly, B. S. in C. E., 1910, covers a highly interesting and thoroughly instructive orientation course that Colonel Homer Hesterly gave to the troops under his command on the island of New Guinea which, he states, is all but a continent in its own right.

Colonel Hesterly has been active and most prominent in army, civic and alumni affairs, since his graduation from Georgia Tech, and recently returned from overseas duty to his home in Tampa, Florida, where he has resumed his very successful business career.

\* \* \* \*

*ELECTRICAL CONTACTS. Possible and Actual Materials*, by C. B. Gwyn, Jr., B. S. in E. E., 1926, reprinted from the May 1945 issue of *Metals and Alloys*, presents an important study in pamphlet form, on the development and application of the comprehensive subject of electrical contacts. Elements and alloys used in the development of contacts are the principal factors that are discussed, along with present and future developments, in the somewhat technical but understandable and interesting paper. A leading Georgia Tech Alumnus, Mr. C. B. "Buck" Gwyn, Jr., is General Manager, Tungsten and Sintered Metals Division, The H. A. Wilson Co., Newark, N. J.

\* \* \* \*

*A DAY IN NEW GUINEA*, By Lt. Col. Thos. McRae Williams, B. S. Engr., 1928, is a short but informative article which describes the complete and varied daily activities of an officer, and army life in general, on New Guinea, aside from actual combat.

Lt. Col. Williams is an active alumnus and was an outstanding honor student at Georgia Tech. His home is in Atlanta, Ga.



## Alumni Prominently Mentioned

**Ivan Allen, Jr.**, B.S. in Comm. 1933, was appointed Executive Secretary to Governor Ellis Arnall, in August. Major Allen took over his new duties after he was mustered out of the Army, in which he was assigned to the Georgia Selective Service.

**R. M. Angas**, B.S. in M.E., 1907, Consulting Civil Engineer in Jacksonville, Fla., has received the Army-Navy "E" Award and Meritorious Civilian Award for engineering work for the Navy Department.

**C. E. Burke**, B.S. in E.E., 1926, has been appointed Manager of Sales, Distribution Transformer Section, of General Electric Company, at Fort Wayne, Indiana.

**Fuller E. Callaway, Jr.**, B.S. in T.E., 1926, President of Callaway Mills, LaGrange, Georgia, has received the high honor of being elected a Fellow of the Textile Institute of Manchester, England. He is the tenth person, now living in the United States, to have received this signal award.

**Robert A. Clark**, B.S. in E.E., 1915, Manager of the Southeastern District of General Electric Supply Corporation; and **Robert B. Wilby**, B.S. in E.E., 1908, President of Wilby-Kincey Service Corp., are two of the three chairmen who will lead the combined campaign of the National War Fund and the Atlanta Community Fund for 1945.

**James A. Gantt**, B.S. in E.E., 1911, is General Traffic Manager of the Southern Bell Telephone & Telegraph Company, Atlanta, Ga.

**David W. Harris**, B.S. in E.E., 1912, for many years active in the oil and gas industry, has been named president of the Universal Oil Products Company, Chicago, Ill.

**A. Illges**, B.S. in T.E., 1916, Vice-President and Treasurer of the Swift Spinning Mills, Columbus, Ga., has been elected President of the Cotton Manufacturers' Association of Georgia.

**Peter Roe Nugent**, Georgia Tech, 1916, has been elected Mayor of the city of Savannah, Georgia.

## State Executive



Major Ivan Allen, Jr., B.S. Comm., '33, newly-appointed Executive Secretary to Governor Ellis Arnall.

**John Curtis Staton**, B.S. in E.E., 1924, is Managing Director, Coca-Cola Refrescos, S.A., Rio de Janeiro. John writes that from time to time he runs across Tech men in Brazil. He often sees Don Murray, who lives in Rio, and Syd Williams who is in Recife.

**Edward E. Williams**, of Charlotte, N. C., B.S. in E.E., 1914, has been elected Regional Vice-President of the American Society of Mechanical Engineers.

## Georgia Tech Clubs Report

### New York

Following the brief report in the May-June ALUMNUS, John L. Davidson, retiring president of the New York Georgia Tech Club, reports, as follows:

"Pursuant to your request, I am taking this opportunity to report on the results of our meeting on May 22.

"We had an attendance of 35, which we believe is about average when wartime conditions are taken into consideration. The showing of the motion pictures of the Tech Navy game and portions of the Tech-Georgia game was very well received, and Coach Dodd's running comment as the games progressed was a most enjoyable and refreshing feature of our program.

"All of our members at the meeting were most favorably impressed with Coach Dodd and felt that he is a most worthy successor to Coach Alexander.

"We are much gratified that Coach Dodd was able to attend our meeting, and we hope that he can be present at some of our meetings in the future.

"We had an election of officers last night with the following results:

"**Roland Gooch** who has served so efficiently as Vice-President was promoted to the President's chair.

"**Jack Hohmann** who has been our Assistant Secretary and Treasurer was promoted to Secretary and Treasurer.

"The two new officers are:

"**For Vice-President:** Mr. Graham Granger, E.E., 1918, who is connected with the Koppers Co. at 60 East 42nd St., New York 17, N. Y.

"**For Asst. Secretary and Treasurer:** Mr. Harley T. Rockwell, M.E., 1933, who is connected with the Test Dept. of the New York Central System at 466 Lexington Ave., New York 17, N. Y.

"Unfortunately, Mr. Grantland Rice could not attend our meeting, although he had virtually promised to do so earlier.

"The membership re-affirmed its purpose to hold a meeting in December at the same time the American Society of Mechanical Engineers is in session, inviting Dr. Van Leer and all alumni who may be in the City, to attend.

(Continued on Next Page)



## Alumni Clubs Report—(Cont'd)

"We had one sad note in the meeting in the receipt of a communication from Mrs. Robert F. Schildgen who reported that her husband, a member of the class of 1939, had died on November 20, 1944, of complications following an operation."

### WASHINGTON, D. C.

"The Georgia Tech Alumni Club at Washington, D. C., held a get together, on July 10, which was the best attended gathering we have yet been able to schedule. The Tech Alumni in the Washington area are very transient, temporary and hard to keep up with and Major Warner W. Hall, '26, and Major Thomas T. Miller, '28, both deserve a lot of credit for devoting their time, as co-chairmen of the meeting, toward getting the fellows together.

"President Van Leer and Coach 'Alex' made a special trip to Washington to attend and were received with much enthusiasm. The boys really appreciated their taking time to come up. It was a grand gesture.

"Carter Barron, '27, acted as combined toastmaster, cheer leader, and entertainer, and kept things moving along in general.

"Coach 'Alex' spoke to us in his informal manner telling about the proposed physical development program, the football prospects for next year and also some of the funny incidents which occurred during his career as football coach at Ga. Tech. It was a big thrill to see and hear Coach 'Alex,' especially for those who have been away from Tech for so long.

"President Van Leer's talk was a summation of the past achievements at Ga. Tech, particularly during the first year of his administration. His proposals for future development are very progressive and heartening to all Tech Alumni. He not only made us feel proud of being Tech Alumni but also proud to have him as President of Georgia Tech.

"R. P. (Rip) Williams, '32, told us of Dr. Armstrong's illness and suggested that we make some appropriate presentation as a token of our esteem and sympathy. This was agreed upon and will be attended to in the near future.

"Jack Adair, '33, and Red Collins were elected as co-chairmen, to succeed Warner Hall and Tom Miller. This concluded the meeting and we adjourned to 'shoot the breeze' in a more informal manner. —A. R. Stirni, '34, Secretary."

### LATIN AMERICA

Ensign George B. Treadway, U.S.N.R., Georgia Tech, 1944, writes that in the past year or more he has met an amazing number of Georgia Tech alumni, in all parts of the world. In one Latin American country, he boarded a bus filled with an assorted crowd which, as a majority it seemed, was holding an informal Georgia Tech gathering, singing "Ramblin' Wreck From Georgia Tech." "It was invigorating to say the least," he concluded.

## Weddings and Engagements

### Andrews - McNeill

Mrs. James Thomas Andrews announces the marriage of her daughter, Mary Rebekah, and Lieutenant H. McAllister McNeill, Jr., United States Army Air Force, on July 18, at the Little Chapel of Glenn Memorial Church, in Atlanta.

Lieut. McNeill graduated from Georgia School of Technology in textile engineering with the class of 1942, and has recently returned from two years' service with the Eighth Air Force in England.

### Bush - Stanley

Mr. and Mrs. Robert M. Bush, Sr., announce the marriage of their daughter, Miss Ruth Geraldine Bush, and Lt. Elmer L. Stanley, Jr., U. S. Army, on August 4th, Atlanta.

Lt. Stanley attended Ga. Tech with the class of 1945, before entering the armed services. He has just returned to this country from the European Theatre of Operations.

### Byrum - Auclair

Mr. and Mrs. Geo. Nathaniel Byrum announce the marriage of their daughter, Miss Margaret Cornwall Byrum, and Charles Alphonse Auclair, Lieut. (j. g.) U. S. Navy, in July, at Washington, Ga.

Lieutenant Auclair graduated from Ga. Tech in 1938.

### Epps - King

Mr. and Mrs. Carl Epps announce the marriage of their daughter, Betty Jane, to Kirt Wilson King, Jr., U.S.N.R., on August 28, 1945, at Rome, Ga.

Mr. Carl Epps, the bride's father, graduated from Georgia Tech with a B. S. in M. E., 1914.

### Fritzsche - King

Announcement is made of the marriage of Phyllis Claire Fritzsche to Lieut. Norris Frampton King. The ceremony took place in the late spring at Irvington, New Jersey.

Lt. King, B. S. in E. E., 1943, is an instructor in the Signal Corps at Fort Monmouth, N. J.

### Karley - Shook

Mr. and Mrs. Albert Karley announce the marriage of their daughter, Celo, to Major William Roscoe Shook, Jr., on July fifth, at the Army Air Base Chapel, Sioux Falls, S. D.

Major Shook received his B. S. in E. E. at Georgia Tech in 1939.

### Gibson - Campbell

Mrs. Mary Northcutt Gibson and Lieut. Wm. Cooper Campbell, Jr., were married recently at "Upton," home of the bride's parents in Wilmington.

Lt. Campbell is a graduate of Ga. Tech, where he received his B. S. in electrical engineering.

### Kelsey - Rumph

Mr. and Mrs. Theodore DeWitt Kelsey announce the marriage of their daughter, Patricia Kelsey Calhoun, to Lewis Benning Rumph, Jr., A. E., Ga. Tech, 1933, on August 24, 1945, at St. Louis, Missouri.

(Continued on Next Page)



## Deaths

### Asher Ayres

Asher Ayres, Georgia Tech 1913, former star athlete, died in a private Atlanta hospital on July 30, from a heart attack that followed a severe illness. He was 53 years of age and lived at 58 Peachtree Memorial Drive, N. E., Atlanta, Georgia.

Funeral services were held at Spring Hill, in Atlanta, and the burial was in Riverdale Cemetery at Macon, Ga.

He held a prominent position with Robert and Company but ill health forced his recent retirement from the engineering firm while he was working on a construction project at the Eglin, Fla., Army Air Field.

Asher Ayres was one of the few students at Georgia Tech to make letters in three sports. He was a star in center field on the baseball team, played in the back field on the football varsity, and was a sprinter on the track team.

He is survived by his wife, the former Miss Lila Ward Hamilton, of Rome; his mother, Mrs. Charles Drew Pearson, of Atlanta, and one sister, Mrs. Louise Ayers Robert, also of Atlanta.

### Irwin Winne

Ward Irwin Winne, 1942, died in Pasco, Wash., on June 30, following a short illness.

Mr. Winne, 25, was a native of Arlington, N. J. He graduated from Georgia Tech in 1942, with a degree in chemical engineering. He was a member of Delta Sigma Phi Fraternity.

Besides his mother, Mrs. Lou Winne, he is survived by his wife, the former Miss Roselyn Reed, of Acworth, Ga., whom he married in 1943, and a small daughter, Mary Ann.

Funeral services were held from the Acworth Presbyterian Church, of which he was a member, Thursday morning, July fifth.

## Weddings and Engagements—(Cont'd)

### McCullough - Slicer

Announcements have been made of the engagement of Miss Fannie Manley McCullough of Miami, Florida, to Harry Louis Slicer of Atlanta, Georgia. The wedding is to be solemnized on October 20.

Mr. Slicer attended Georgia Tech in the class of 1945, but left to join the army in his freshman year, he received his service discharge, last November, after three years in New Guinea.

### Patterson - Massengale

Cordial interest centers in the announcement of the recent marriage of Mrs. Marion de Groot Patterson and Lieut. Wm. W. Massengale, which was solemnized at the Peachtree Christian Church, Atlanta.

Lieut. Massengale was a student at Ga. Tech when he was inducted into the army four years ago last January. He has recently returned from England, where he served as a bombardier with the Eighth Air Force.

## Births

### Beerman

Lieut and Mrs. Morris Beerman announce the birth of a son, Terry Austin, on May 16, 1945, at Brooklyn, New York.

Lieut. Beerman attended Ga. Tech with the class of '36.

### Cook

Captain and Mrs. E. S. Cook, Jr., announce the birth of a son, E. S. Cook III, on July 21, 1945, at Atlanta, Ga.

Capt. Cook graduated from Georgia Tech with B. S. in E. E. in 1941. He was in Atlanta on a short leave during July and is now somewhere in the Pacific.

### Dial

Mr. and Mrs. L. H. Dial of Kilgore, Texas, announce the birth of a son, Lewis Harold Dial, Jr., on February 28, 1945. Mr. Dial graduated from Georgia Tech in 1930 with a B. S. in E. E. degree.

### Hagan

Mr. and Mrs. John L. Hagan of Chattanooga, Tenn., announce the birth of a son, John Robert, on August 22 in Chattanooga. Mr. Hagan is a B. S. in Ch. E., class of 1941.

### Holt

Lieut. Commander and Mrs. Frank W. Holt III announce the birth of a daughter, Frances Ward, June 29, at Emory University Hospital. Mrs. Holt is the former Miss Julia Hoyt.

### Pierce

Mr. and Mrs. James E. Pierce announce the birth of a daughter, Sara Lynn, on July 20, Riverside Hospital, Jacksonville, Fla.

Mr. Pierce graduated from Ga. Tech with a B. S. in C. E., 1938, and is now with Jones and Laughlin Steel Corp., in Jacksonville, Fla.

### Poole

Ensign and Mrs. James P. Poole announce the birth of a daughter, Gayle Louise, on July 25, 1945.

Ensign Poole graduated from Ga. Tech, B. S. in I. M., in 1942. He was business manager of the Blue Print in 1942.

### Stull

Mr. and Mrs. Ashworth N. Stull announce the birth of a son, Gordon Bernard, on April 22, 1945.

Mr. Stull, B. S. Chemistry, 1937, is vice-president of the American Resinous Chemicals Corporation, Peabody, Mass.

## Weddings and Engagements—(Cont'd)

### Ricketson - Wills

Mr. and Mrs. J. Lee Ricketson announce the marriage of their daughter, Virginia, and Flight Officer Harry D. Wills, U. S. Army Air Forces, on April 18.

The bride's father, Mr. Ricketson, graduated from Ga. Tech, B. S. in E. E., 1926.



## Gold Star Alumni

**Lieutenant Paul E. Almond**, former Georgia Tech student, died in a Jap prison camp in Rangoon, April 10, just three weeks before the camp was liberated by Allied forces, according to word received from the War Department by his mother, Mrs. G. C. Almond, of Macon, 1023 Clinton Road.

Lieutenant Almond was reported missing in action November 7, 1943, while flying the Hump in the India-China theater. About two months ago it was learned that his four companions had been located in a Japanese prison camp in Rangoon where they had been taken after being forced down over Burma.

Lieutenant Almond graduated from Lanier High School in Macon and attended Georgia Tech, graduating in I. M. with the class of 1940. He is survived by his mother, Mrs. G. C. Almond, and sister, Mrs. J. B. Evans, of Macon, and brother, Eugene Almond, of Montgomery.

Memorial services were held recently at the Mulberry Methodist Church in Macon.

**Capt. Rufus M. Barnes**, 42, died of a heart attack at Camp Polk, La., Aug. 3, 1945.

Capt. Barnes, a native of Jemison, Ala., received his degree in E. E., at Ga. Tech in 1927.

Survivors include his wife, of 3974 Peachtree Dunwoody Road, N. E.; one daughter, Miss Betty Jane Barnes, and a sister, Mrs. S. J. Meares, of South America.

Memorial services were held at the First Baptist Church in Chattahoochee for **Ensign Morris (Mickey) Cochran**.

On Dec. 18, 1944, he lost his life when the destroyer on which he was serving sank during a typhoon in the Asiatic area.

Ens. Cochran attended the public schools of Fulton county and won his commission on completion of naval training courses at Georgia Tech, Oct. 25, 1943. He served in the Atlantic and later in the Pacific zones.

Ensign Cochran is the son of Mr. and Mrs. Glen H. Cochran, of 1345 Bolton Road, N. W., Atlanta, Ga.

**Sergeant Jack Fulton Cook**, 28, was killed in action on Okinawa July 15, the War Department has advised his wife, of 1279 Peachtree Street, N. E.

A former Georgia Tech student, Sergeant Cook was employed by the Genuine Parts Company here before his induction in September, 1942. He had been overseas a year and had fought in the Philippines.

Besides his wife, survivors include two sisters, Mrs. Tom Wilson, of Brunswick, and Mrs. Evans Simanson, of Long Island, N. Y.; one brother, Glenn Cook, of Chattanooga, Tenn.

Funeral services for **Sgt. John Christian Grabbe, Jr.**, 24, husband of Mrs. J. C. Grabbe, Jr., of 241 Nacoochee Drive, S. W., who was killed in a plane crash between California and Oregon on Feb. 2, were held in the Cathedral of Christ the King. Burial was in West View cemetery. Sgt. Grabbe, who fought on Guadalcanal and Bougainville, spent 18 months of his three-year Army career overseas. A graduate of Marist College, he also attended Georgia Tech with the class of 1944. Before entering service he was employed at Sears, Roebuck & Company. He was a member of Christ the King Church.

Other than his wife, survivors include his parents,

Mr. and Mrs. J. C. Grabbe, Sr.; a sister, Miss Mary Lou Grabbe; a brother, Flight Officer William E. Grabbe, of the U. S. Army Air Corps, now in Texas; his grandmother, Mrs. L. B. Grabbe, of Urbana, Ill., and an aunt, Miss Louise Hilly, of Evanston, Ill.

**First Lt. Theodore R. Vanden Heuvel**, 23, of 109 Mountainview Ave., Meiers Corners, N. Y., was instantly killed early in August, in a plane crash at Punta Gordo Army Air Field, Fla., his family has been notified. The flier was taking advanced fighter pilot training there.

Lt. Vanden Heuvel, a graduate of Georgia Tech, had been an Army officer since his graduation in June 1942, when he received a commission in the Coast Artillery. He was assigned for approximately two years as an engineer at Wright Field, Ohio, and won his wings in December, 1944, at Craig Field, Ala. In December, 1943, he married Miss Delora Harshman of Dayton.

While at college he was a member of the Bulldog and Newman Clubs and was voted membership in Phi Kappa Phi and Tau Beta Pi, engineering scholastic fraternities, and Pi Tau Sigma, mechanical engineering society. In his senior year he was president of the college branch of the American Society of Mechanical Engineers.

Active in sports, he played baseball four year and was a member of the cross country team one season at college.

Surviving are his wife, who lives in Dayton, Ohio; his parents, Mr. and Mrs. Renzo J. Vanden Heuvel of 109 Mountainview Ave., N. Y., and three brothers.

**Lt. John (Jack) Randolph Ivey**, 25, son of Mrs. H. D. Ivey, of 1376 North View Avenue, N. E., of the Naval Air Base in Green Cove Springs, Fla., has been declared lost in action by the Navy Department. He has been missing in the South Pacific since June 16, 1944.

The fighter pilot was graduated from Boys' High school and from Georgia Tech before entering the Navy in Sept., 1940. He was sent overseas in Feb., 1944, participated in the battles of Wake Island, Guam and Saipan. Lt. Ivey had a Presidential Citation.

Mrs. Ivey has two other sons in service. Radar Technician Hugh D. Ivey is now stationed at the Naval Air Base in Green Cove Springs, Fla., and Ens. Turner W. Ivey is a Navy pilot stationed at Dayton. The sister of these boys is doing her part, too. She is Miss Catherine Ivey, who is working at Bell bomber plant.

**Lt. (j. g.) Thos. K. Kendrick**, 23, USNR of Laurens was killed in a plane crash May 31 and his remains interred in an Allied cemetery "outside the continental United States," according to a message received from the Navy Department by his parents, Mr. and Mrs. Thos. P. Kendrick. Further details would be sent when they are received, the message stated.

Lt. Kendrick entered upon active Naval service upon his graduation from Georgia Tech in 1942, having signed up the previous January. He had served in the American and European theatres of war and was on his way to the Pacific theatre when death ended his career.

(Continued on Next Page)



## Gold Star Alumni—(Cont'd)

He was the holder of the Distinguished Flying Cross for "heroism and extraordinary achievement while participating in aerial flights as pilot of a carrier-based naval fighter-bomber during the Allied invasion of southern France in August 1944.

He was married February 25 of this year to Miss Frieda Emilia Dekker of Virginia Beach. She was visiting his parents here when the death message came.

Besides his wife and parents he is survived by one sister, Miss Mamie Kendrick.

**Col. W. L. Mattox**

Memorial services for **Colonel William Leckie Mattox**, commanding officer of the 13th Tank Destroyer Group, who was killed in action on May 5, were held on May 7, in the First Presbyterian Church in Atlanta.

A native of Newnan and an ensign in the Naval Air Corps during World War I, Col. Mattox was formerly the southeastern sales manager for the Florence Stove Company. He was a member of the Atlanta Rotary Club, the Piedmont Driving Club, the Fulton County American Legion Post No. 134, the Alpha Tau Omega fraternity, the Gate City Guard and an active alumnus of Georgia Tech.

A member of the National Guard before entering active service in February of 1941, the colonel had been stationed at Camp Blanding, Fla., and later served for many months at Camp Hood, Texas.

He assumed command of the 13th Tank Destroyer Group at Ft. Jackson, Columbia, S. C., and was sent overseas last December to Leyte before being transferred to Okinawa.

Survivors include his wife, the former Miss Gabrielle Johnson, of 229 Peachtree Hills Avenue, and two children, Lt. William Leckie Mattox, Jr., of the Army Engineers, stationed at Ft. Belvoir, Va., and Miss Gabrielle Maddox, of Atlanta.

**Private First Class Joseph D. McDonough, Jr.**, 21, infantry, son of Mr. and Mrs. Joseph D. McDonough, 2862 Elliott Circle, was killed in action April 26 on Okinawa, the War Department notified his parents.

A veteran of Leyte, Samar, Mindora and Luzon campaigns, Private McDonough received his training at Fort Riley, Kan., the University of Nebraska, Lincoln, and Madison, Wis.

He was a graduate of North Fulton High School, where as a member of the rifle team he won honorable mention in the Junior American Rifle Association meet in 1941. He attended Georgia Tech and was called to active duty from an enlisted reserve status in May, 1943. He went overseas in June, 1944.

In addition to his parents, he is survived by a brother, Allen McDonough, of Emory University.

**First Lieutenant James M. Norman, Jr.**, Army Air Force fighter pilot, missing in action since April 22, 1944, has been declared dead according to word received from the War Department by his parents, Mr. and Mrs. J. M. Norman, of 1337 Greenwich Street, Southwest.

A native Atlantian, Lieutenant Norman was graduated from Tech High School. He attended the University of Alabama for a year, and then transferred to Georgia Tech where he was graduated in May, 1942, with a B. S. in industrial management. He was a communicant of St. Luke's Episcopal Church.

(Continued on Next Page)

## Wounded and Cited

**Lt. Frank Allcorn, Jr.**, Class of 1941, has received two new citations — the Gold Star, and the Bronze Star — for his outstanding service. Lt. Allcorn was torpedo and gunnery officer aboard the submarine *Parche*, which, alone and unaided, sank five large Japanese in 46 minutes of fierce night fighting.

**Sgt. Danforth P. Bearse**, Class of 1946, has been awarded the Purple Heart for wounds received in battle in Germany on the night of April 8.

**S/Sgt. W. E. Bradley, Jr.**, has received a certificate of merit for the "superior manner in which he maintained control over the personnel of a 2,000-bed camp where the daily turnover often reached 500 or more."

**Lt. Comdr. William Lloyd Carver**, Ga. Tech 1937, has been presented the Silver Star for distinguishing himself by gallantry and intrepidity in action, during the Battle of San Bernardino Straits last fall.

**Lt. Col Burns C. Cox**, B. S. in 1924, is back in the states after 38 months overseas with the Third Army, and visited the Alumni office on August 10. Due to his valuable experience, he has been assigned to the Aberdeen Proving Grounds; however, he requests that his Atlanta address at 223 East Wesley Rd., N. E., be kept for permanent contact purposes. He was stationed at Aberdeen, before going overseas.

**Lt. David A. Crosby**, B. S. in I. M., 1943, has been awarded the Combat Infantryman's Badge, the Bronze Star medal for meritorious achievement, and the European campaign ribbon with three battle stars.

**Chaplain First Lt. Eugene Daniel**, B. S. 1933; B. D., Columbia Seminary, 1936, a prisoner of war in Germany since the battle of Faid Pass, in North Africa, is now safe at home in Atlanta, Ga., after some most trying experiences. He received the Silver Star for bravery under fire at Algiers, and the Distinguished Service Cross in connection with the Kaiserin Pass operations.

**Lt. R. D. Grogan, Jr.**, Class of 1944, has been awarded the Silver Star and the Purple Heart for wounds received in action in Germany on April 28.

**Lt. Colonel Robert E. Hammond**, Ga. Tech 1936, is currently serving as administrative officer for the Quartermaster supplies for the entire Assembly Area Command Headquarters, at Reims, France. Among his awards are the Bronze Star and the Purple Heart.

**Major James W. Heatwole**, Ch.E. 1940, has been awarded the Bronze Star for meritorious achievement in connection with military operations in North Africa and Italy from March 3, 1943, to May 1, 1945. In addition to the Bronze Star Medal, he wears the American Defense Ribbon and the Mediterranean Theater Ribbon with two Battle Participation Stars.

**Lt. Jack R. Herb**, of 2259 First Ave., N. E., Atlanta has been decorated with the Air Medal for the destruction of two Nip planes in the air and the damaging of one in the air and five on the ground. He piloted a Navy Hellcat fighter while attached to a carrier-based outfit.

**Pfc. Roy E. Hobgood**, former Georgia Tech student, was wounded in action in Germany on April 10. He enlisted in the service two years ago and was attached to an infantry unit.

(Continued on page 19)



## Gold Star Alumni—(Concl'd)

Upon graduation, he enlisted in the Air Force, winning his commission and pilot wings at Craig Field, Ala., in May, 1943. A P-47 fighter pilot, he had flown 50 missions over Belgium, Holland, Germany and France. He had been awarded four Air Medals and the Distinguished Flying Cross.

Besides his parents, survivors include one brother, Ensign William F. Norman, on duty in the Pacific, and a sister, Mrs. A. G. Williams, of Atlanta and Florala, Alabama.

**Ensign George William Poer**, 24, of the United States Naval Reserve, died December 18 when his ship was sunk in a typhoon off the Philippines, the Navy Department has informed his relatives here.

A Boys' High School graduate, Ensign Poer was a member of the S. P. M. high school fraternity. He received a degree in chemical engineering from Georgia Tech in 1943. At Tech, he was a member of the Phi Delta Theta Fraternity. He joined the service in October, 1943, and had been overseas since last June.

Survivors include his wife, the former Miss Dorothy Ann Perkins, of 1298 Lanier Boulevard, N. E.; his parents, Dr. and Mrs. Norman C. Poer, of 196 Seventeenth Street, N. E., and three brothers, Ensign John Poer who is attending the submarine school at New London, Conn.; Lieut. Commander Scott Poer who is serving with the Atlantic Fleet, and Dr. Norman C. Poer, Jr., of Atlanta.

**Herbert S. Reid**, class of 1938, Ga. Tech, U. S. Marine Corps, was killed in action on Okinawa during May, 1945. His parents, in Chicago, and his wife and two young daughters of Fayetteville, Ga., survive him.

**Captain James G. Williamson**, 32, of the Air Corps, was accidentally killed by a discharged gun in his officers' quarters in Bad Meinberg, Germany, May 25, the war department has informed his wife, a former Atlantian, now of Alexandria, Virginia.

Memorial services were held for Captain Williamson in Lemgo, Germany, May 26. Chaplain Sterling S. Wees officiated. Burial was in the U. S. Military Cemetery at Margraten, Holland.

A graduate of Tech High School, Captain Williamson attended Georgia Tech. He enlisted in 1942. Overseas since last July.

## Missing in Action

**Lieutenant (j. g.) William Henry Burnside, Jr.**, 21, has been reported missing in action since his submarine failed to return from patrol, the Navy Department has advised his parents, Mr. and Mrs. W. H. Burnside, of 587 Ridgecrest Road, N. E.

Lieutenant Burnside was an honor graduate of Druid Hills High School in 1940. He was graduated in 1943 from Georgia Tech. He received the President's gold "T" and a certificate in engineering science. He majored in electrical engineering.

He received his submarine training at New London, Conn., and was sent to the Pacific last August. He was a member of Glenn Memorial Church.

**Lieut. Commander Ralph M. Jones**, U.S.N.R., son of Mr. and Mrs. Noble Jones of Savannah, Ga., Ga-Tech, 1936, a pilot in the Navy Air Forces, is now reported as "missing in action."

Lt. Comdr. Jones was awarded the Navy Cross for his work in the North African invasion, the Air Medal for his work at Guadalcanal and the Distinguished Flying Cross for his work at Saipan. He was in command of a squadron of Navy fighters and torpedo bomber planes, based on the Aircraft Carrier "St. Lo," when that vessel was sunk during the Second Battle of the Philippines, October 25, 1944. He was on a mission at the time of the sinking off Leyte or Samar. On November 16, 1944, the Navy reported him as "missing, following action in the Philippine Seas." No official report has come from the Navy Department since that last named date. He is known to have scored four hits on a heavy cruiser of the Japanese fleet.

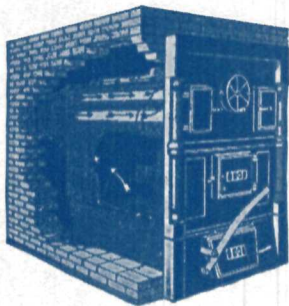
**Lt. George F. Maddox, Jr.**, son of Mr. and Mrs. G. F. Maddox, of 477 Lytle Avenue, S. E., has been missing in action since May 29, 1945, his parents have been advised.

The 21-year-old radar navigator was an honor graduate of Boys' High school with the class of 1942. He attended Georgia Tech for years prior to entering the service.

Lt. Maddox won his Air Corps wings in Texas, furthering his training in Florida and New Mexico before going to the Pacific in March.

He was a navigator on a B-29 Superfortress, "The City of Atlanta," at the time he was reported missing.

L. F. Kent, '20, Pres. & Gen. Mgr.



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### Wounded and Cited—(Cont'd)

**Lt. Sam Hodges, Jr.**, Class of 1943, is at home after seven months in a German prison camp, wearing the Infantry Badge, the Bronze Star and the Purple Heart.

**Pvt. High W. Holcombe** has been awarded the Bronze Star for heroic achievement in action in Germany. This former Georgia Tech student was lauded for braving intense enemy artillery fire to repair damaged wire which had severed communications between his forward observer and his battalion headquarters.

**Lt. Robert Lindsey Ison**, famous Georgia Tech end of Orange Bowl fame, has been cited twice by Vice Admiral T. C. Kinkaid, commander of the Seventh Fleet, and has received the Bronze Star medal and the Silver Star medal.

**Lt. D. L. Johnston**, Class of 1939, has been awarded his seventh Bronze Battle Star.

**Major Philip M. Jones**, Class of 1933, has been on duty the past year with the SHAEF in London, Paris and Moscow.

**Lt. Charles M. Jones**, C. E. 1942, has served the past two years with Air Corps Technical Service Command, Wright Field, Dayton, Ohio.

**Pfc. Clarence Jones**, Class of 1943, is with the 95th Division, Field Artillery, on duty with Lieut. General Wm. H. Simpson's U. S. Ninth Army in Germany.

**Lt. Hal F. King**, former Georgia Tech student, has completed five months with the "Flying Shark" squadron of Major General C. L. Chennault's Fourteenth Air Force, China. He entered the Army November, 1943, leaving for China in February, 1945.

**Capt. Arthur C. Kleiderer**, class of 1945, a B-24 pilot, has won five Air Medals and the Distinguished Flying Cross.

**Major Charles B. Preston**, former Georgia Tech gridiron and track star, has participated in 11 assault landings in the Pacific.

**Major Bruce Ravenel**, E. E. 1941, has been awarded the Bronze Star; and at present is with the Army of Occupation in Germany.

**Colonel Walter E. Sewell** has been awarded the Brazilian Medalha de Guerra—the Medal of War—by Major General Joao Batista Mascarenhas de Moras of Brazil, at a ceremony in Francolise, Italy. Colonel Sewell was praised for his outstanding service to the fighting forces of Brazil during World War II.

**Major Raymond Shepley**, M. E., '37, was awarded the Bronze Star Medal, Bronze Arrowhead for the Salerno Landing, and European Theater Ribbon with four Battle Stars, while serving in Italy with the Fifth Army.

**Lt. Colonel James G. Spencer**, Class of 1938, has been awarded the Bronze Star Medal for meritorious service in connection with military operations from September 29, 1944 to April 1, 1945.

**Brig. Gen. Samuel M. Thomas**, E. E. 1926, has been awarded the Bronze Star Medal for exceptionally meritorious achievement in the performance of outstanding services as chief of staff of the Persian Gulf Command. Gen. Thomas also holds the Legion of Merit for his work as director of signal service for PGC and the Russian Order of Kutuzov in recognition of his aid in expediting the delivery of more than 5,000,000 tons of vital war materiel through Iran to the USSR.



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### Tech Lettermen Among Scholastic Leaders

A football survey of Georgia Tech lettermen, pertaining to their scholastic standings, has recently been completed by Lt. Lloyd A. Moll, U.S.N.R., following a recommendation by Athletic Director W. A. Alexander. Lt. Moll is on duty at the college, where he has been handling publicity work for the Naval ROTC. His survey covered the past 38 years, and it shows that the students who played football at Tech stood high in scholastic as well as in other campus activities.

A list of all football lettermen from 1907 through 1944 was furnished by Coach Alexander, and it developed that the percentage of football lettermen graduating is higher than the average for the whole school.

During the 38 years, 427 men received football letters, 13 of whom are now enrolled at Tech. Of the 414 who have left college, 222 graduated for a percentage of 53.6. Of all the students who have enrolled at Tech since 1890 (approximately 25,000), there are 8,723 holding degrees. This is a graduation rate of 34.9 per cent.

Lt. Moll admits that the figures may not be significant, since the highest percentage of drop-outs are in the freshman year, and freshmen do not receive letters. So he went further to report that even if the football graduation rate is corrected for the normal freshman rate of drop-out, the rate of football graduation still remains at 40 per cent, or approximately 5 per cent higher than for the student body as a whole.



## 1945 Football Season Opens

The 1945 football season opens a new era in football at Georgia Tech. Coach W. A. Alexander, after serving as head coach at Tech for twenty-five years, has laid the reins in the lap of Bobby Dodd, who becomes the third regular coach in the history of the college.

Coach Dodd is well known to Tech followers and to Southern football fans. He was All-America quarterback at the University of Tennessee in 1930 and was acclaimed by many as the greatest passer and field general the South has produced. For the past thirteen years he has served as backfield coach and first assistant to Coach Alexander. As his chief assistants, Coach Dodd has named Dwight Keith backfield coach, and Ray Ellis line coach.

Football at Georgia Tech is fast resolving itself back to a civilian basis. A smaller number of players will be drawn from the Navy unit this season, and most of these will leave in October. The 1945 squad will be composed largely of civilian freshmen. As practice is just beginning it is too early to designate all the outstanding freshmen. Among the old boys who will be back for at least a portion of the season are: George Mathews, Johnny McIntosh and Ed Holt-singer, backs; and Paul Duke, George Hills, Luke Bowen, Dean Gaines, Bob Davis and Jack Glenn, linemen.

The outlook is promising for another colorful team and the 1945 season, consisting of seven tough home games including Notre Dame, Duke and Georgia, is sure to offer many thrills. Coach Dodd and his aides are installing the T formation, which will accelerate the trend toward the daring and the spectacular.

### Captains Elected

Following the warm-up exercises on Saturday, September eighth, the football squad assembled and elected Paul Duke, center, to lead them this year. Fullback Johnny McIntosh was elected alternate captain. Both are seniors. Duke came up from the B team in 1943.

Last year, Duke was one of the leading centers in the Southeastern Conference. He is scheduled to receive his commission in October. McIntosh came to Tech in November, 1943. He played previously at Carnegie Tech. Last fall he played wingback and switched to fullback halfway through the season. He is a hard line-bucker. This year he again will play from the fullback position.

### THE 1945 FOOTBALL SCHEDULE

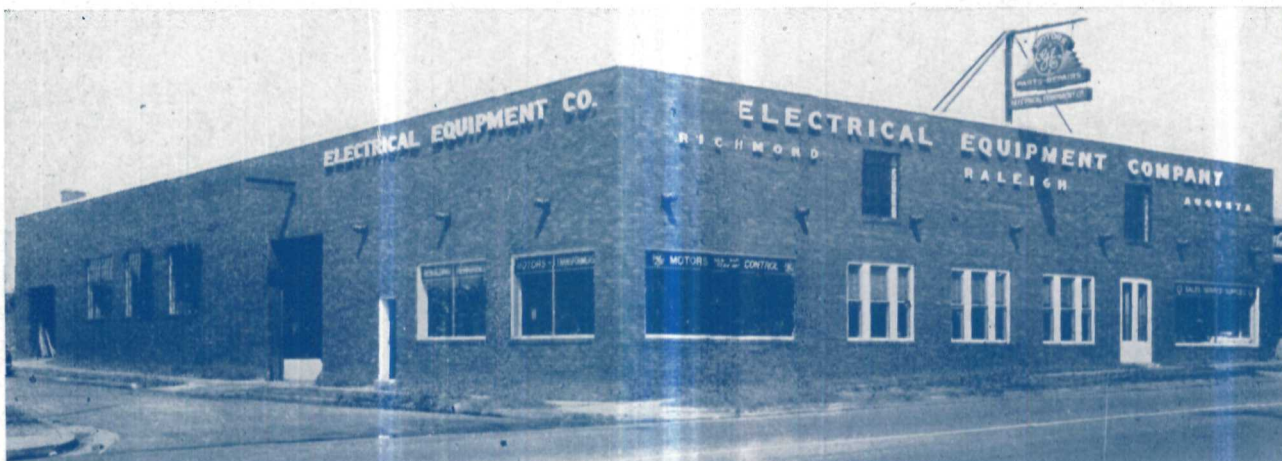
#### At Grant Field

Notre Dame	October 6
Howard College	October 13
Auburn	October 27
Duke	November 3
L. S. U.	November 17
Clemson	November 24
Georgia	December 1

#### Games Away

North Carolina, Chapel Hill, N. C.	September 29
Navy, Baltimore, Md.	October 20
Tulane, New Orleans	November 10

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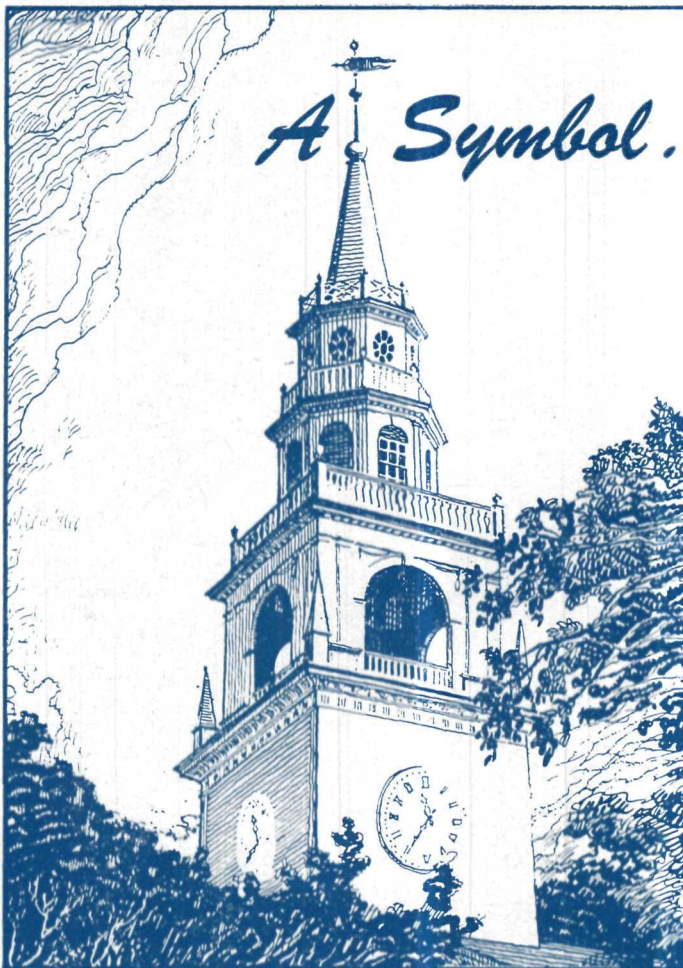
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