The GEORGIA TECH ALUMNUS

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View from the entrance to the old Academic Building
"No!" you say, grimly, "that youngster I've just tucked in must never have to fight a war as I did!"

To which we reply, "Double check!"

But your boy will have to fight the ordinary battles of life. Maybe some extraordinary ones, depending on how your luck runs, and you will certainly want to keep your National Service Life Insurance for his future protection.

Are you completely familiar with the conversion privileges and the optional methods of payment to your beneficiaries which your Government insurance offers? If not, you can get a quick, simple explanation of all these provisions from the local New England Mutual Career Underwriter. He's clarifying them for veterans every day—and the fact that he doesn't make a dime on National Service Life doesn't matter. See him—he'll be of real help to you.

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

ANY OTHER QUESTIONS?

Is there other information you want about the G. I. Bill of Rights, pensions, hospitalization, vocational training? This free booklet gives the facts in brief, understandable language. It has been sent to service men all over the world—and has brought us thousands of letters of thanks. We mail it post-paid to any veteran—just write for your copy to 501 Boylston Street, Boston 17, Mass.

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-8 IN BOSTON
World War II Memorial Roll

Shortly after the Japanese attack on Pearl Harbor in December, 1941, the Georgia Tech Alumnus began publishing articles on our Gold Star Alumni—those who made the supreme sacrifice; and, too, on all other alumni in the services, on whom we were able to obtain any degree of information.

Unfortunately and so regretfully, our war records are not complete; and, while we realize that it will be years, if ever, before all facts are known, it is sincerely hoped that all alumni, faculty members, students and other friends will send any available information to the Georgia Tech Alumni Office on those of our gallant alumni who have "given their all;" and, also, on our other grand alumni who have been reported missing, wounded, cited, and those in the various branches of the services, in general.

A Georgia Tech "Gold Star," World War II Memorial Roll is published on pages 78 and 79 of this issue; and it is kindly requested that you notify the Alumni Office as to omissions, corrections and the like, concerning this important register, in accordance with the foregoing paragraph.

In addition to the Memorial Roll, information is being compiled on all Georgia Tech World War II veterans; and, despite the fact that 500 or more data cards go out each month to different alumni, our records are far from complete—so, we shall again publish information, request blanks, beginning in subsequent issues of the Alumnus, to supplement the 7,000 to 8,000 cards that are annually mailed to the alumni. With the help of everyone, we should be able to publish a creditable World War II and General Directory, in the near future.

A War Memorial Hall has already been planned as a hallowed part of the new Academic Center Building, scheduled for early construction, in perpetual honor of our Gold Star and other war veterans.

Plaques, memorial photographs, and other commemorative records are at present in the Georgia Tech Athletic Building, and at different locations on the campus; but plans are now under way to place perpetual honor of our Gold Star Roll and other war data and testimonials in some revered, temporary shrine—perhaps in the Athletic Building—until the War Memorial Hall is built and dedicated in all gratitude and honor to our gallant veterans.

Alumni Letters Impress Solons

On December 19, 1945, members of the Georgia House of Representatives and the Senate, together with Georgia Tech Alumni, throughout the State, received letters from the Alumni Office, with a student editorial enclosed that expressed pride in the accomplishments of Georgia Tech; and requested co-operation with the activities of the college, in its present and highly necessary, expansion program.

The results from the foregoing, aided by the excellent support given by numbers of our prominent alumni, in their respective districts, were most gratifying indeed.

The administrative staff, faculty, students, alumni, and others of Georgia Tech are most grateful to each of you who helped so loyally in this work for the college; and this is to thank you, publicly and most sincerely, for your excellent co-operation.
Nominations For Alumni Officers

In accordance with the unanimous action as adopted at the 1946 general business meeting of the Georgia Tech National Alumni Association, an alumni committee has been appointed by the president of the Association to nominate national alumni officers for the one-year term, beginning September 1, 1946.

Messrs. George Winship, President Fulton Supply Co., Frank H. Neely, Executive Vice-President Rich's Inc., and Chairman of the Board, Federal Reserve Bank, Atlanta; and Geo. W. McCarty, President Ashcraft-Wilkinson Co., all active and prominent alumni of Georgia Tech, were appointed and kindly agreed to serve as members of the nominating committee; and they have unanimously nominated and recommended the present group of officers to succeed themselves, together with Mr. Charles R. Yates to succeed Mr. N. Baxter Maddox, resigned; the latter action due to Community Fund appointment and other arduous assignments.

The foregoing second and concluding term nominations for the president and the vice-presidents, are in keeping with the established and praiseworthy, Georgia Tech Alumni custom of returning capable first-term officers for another year of service, as compensated only with the knowledge and honor of serving loyally, well, and unselfishly for the good of Georgia Tech.

The officers now serving and nominated, as stated, to succeed themselves together with Mr. Charlie Yates, are:

For President: Frank A. Hooper, Jr., '16; Vice-Presidents, Lawrence Willet, '18; Atlanta District; and John L. Davidson, at Large. Treasurer, Charles R. Yates, '35.

A brief summary of the activities of each of the nominees is as follows:

For President: Frank A. Hooper, Jr., 1916, B.S., L.L.M., Atlanta, Ga., current 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.

For Vice-President: Lawrence Willet, B.S. in C.E., 1918, Rhodes-Haverty Bldg., Atlanta, Ga., present vice-president, Atlanta District. 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.

For Vice-President at Large: John L. Davidson, B.S. in M.E., 1913; M.E., 1928. Atlanta Board member and present vice-president, at large. 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), civic leader.


Students Spend Millions in State

In 1945, the students of the Georgia School of Technology spent more than $2,000,000 exclusive of tuition fees, at Georgia Tech and in the City of Atlanta, according to a recent student opinion poll questionnaire distributed to 2400 students, and completed by more than one-third. Since the student enrollment at the school is expected to be almost triple this year compared to 1945, the school officials believe that the total student expenditures in Atlanta for this year will be between five and six million dollars. The questionnaire, which was prepared and compiled by the Georgia Tech Department of Public Relations, breaks the expenses down into 10 categories; lodging, food, books and school equipment, laundry, clothing, local transportation, transportation to and from student's hometown, amusements, fraternity and club dues, and miscellaneous.

A further breakdown of the expenses is made by grouping the students as naval trainees, civilians and veterans. Naval trainees, who are furnished lodging, food, clothing, books, and a salary of $50 a month by the government, spent on the average of $610.93 each. Civilian students, who do not share in the foregoing, had to spend $1,217.36. Since many of the veterans at Georgia Tech have been here only a few months, their expenditures were figured on a monthly basis and average about $154.99 per month; and as more than 25 per cent of the veterans at Georgia Tech are married, their expenditures would be higher than the average civilian student's costs.

Based on a detailed analysis of each questionnaire, civilian students' expenditures for 1945 ranged between $600 and $1800. Freshmen spent on the average about $1,198.50; sophomores $1,296.52; juniors $1,327.23; and seniors $1,298.37.

Although naval trainees are furnished their food without charge, as mentioned, the average trainee still spent $102.46 on food. His other expenses ran $21.25 for miscellaneous books, $67.24 for laundry, $39.34 for extra clothing, $25.91 for local transportation, $81.24 for long-distance transportation, $118.72 for amusements, $74.03 for fraternity and club dues, and $80.74 for miscellaneous.

A similar breakdown for the average civilian student shows $157.19 for lodging, $336.72 for food, $137.04 for books, $38.76 for laundry, $98.46 for clothing, $26.82 for local transportation, $108.74 for long-distance transportation, $82.09 for amusements, $101.96 for fraternity and club dues, and $100.00 for miscellaneous. The average veteran is spending per month $20.18 for lodging, $39.07 for food, $7.55 for laundry, $28.28 for clothing, $7.31 for local transportation, $10.63 for long-distance transportation, $14.09 for amusements, $4.39 for clubs, and $22.90 for miscellaneous.

Alumni Nominations—(Cont'd)

leader and active in Georgia Tech affairs. Former alumni board member.

Active members of the Georgia Tech National Alumni Association who desire to send in further nominations on the foregoing or others, are kindly requested to mail nominations to the National Alumni Association, Georgia Tech, Atlanta, Ga., by April 30.
Fuller E. Callaway, Jr., Textile '26, Heads Ga. Tech Research Institute

Fuller E. Callaway, Jr., Textile 1926, of LaGrange, Ga., was elected Chairman of the Board of Trustees of the newly incorporated Georgia Tech Research Institute, at the first meeting, on January 25, 1946, of the organization, which supersedes the Industrial Development Council.

Mr. Callaway is President of the Callaway Community Foundation, and immediate Past-President of the Callaway Mills, LaGrange, Georgia; he is also a Trustee of the Georgia Tech Alumni Foundation to mention but a few of his other directorate and important committee memberships.

Other officers of the Georgia Tech Research Institute are: President Blake R. Van Leer, Georgia Tech, Vice-Chairman; Harry L. Baker, Jr., Chem. Engr., 1934, President; Dean, C. L. Emerson, 1908, M. E., and E. E., Treasurer; and Dr. G. A. Rosselot, Director of the Engineering Experiment Station, was appointed Secretary of the Institute.

In addition to the foregoing officers, who are on the Board of the Research Institute, the trustees also include: Dr. Robert I. Sarbacher, of the Ga. Tech faculty; Messrs. Frank H. Neely, M. A. Ferst, and Judge F. A. Hooper, alumni members, from business at large. Preston Arkwright, Chairman of the Georgia Power Co., Board; Robert H. White, Jr., M. E., 1914, President Southern Wood Preserving Co., G. J. Yundt of the Southern Bell Telephone & Telegraph Co, and Raymond A. Jones, C. E., 1916, President, Jones Construction Co., Panama City, Fla. The last named, beginning with Mr. Arkwright, were appointed from industry, in general.

The Research Institute will aid in expanding research at Ga. Tech through commercial contracts for applied research, with various large industries. It will also assist in solving industrial problems in this area, especially in Georgia. The experiments will be conducted in the Experimental Station as headed by Dr. G. A. Rosselot.

General Education Board Visits Georgia Tech

A special committee of the General Education Board paid a visit to Georgia Tech on Wednesday, January 23, to inspect the facilities of the School and to confer with administrative officials as to the operation of the University Center in Atlanta, and other matters. At the invitation of President Blake R. Van Leer, the members of the committee participated in the weekly meeting of the School's Administrative Council.

As spokesman for Georgia Tech, Colonel Van Leer thanked the Board for establishing the University Center, for the donation of $100,000 given to the School over the past few years for the purchase of rare and highly-specialized scientific instruments, and the monetary assistance given to build up the Georgia Tech Engineering Library into the best of its kind in the South.

Regarding the education of veterans, the President stated that Georgia Tech is sparing nothing to give a professional and technical training to the veterans who want it. As steps in this direction, he mentioned the Marietta Place Housing Project for married veterans, the proposed dormitories for bachelor veterans, and the apartment houses for married veterans to be built in the near future. It was emphasized that this building program was a part of the Georgia Tech $12,000,000 expansion plan, which will take about 8 years to complete.

The discussion about the University Center in Atlanta brought out the fact that Georgia Tech had been designated as the one and only engineering college in Georgia by the participating institutions, and all engineering courses offered by them except Georgia Tech have been dropped.

The visiting committee members included: Dr. Jackson Davis, secretary of the General Education Board; Dr. J. R. McCain, president of Agnes Scott College; Dr. E. G. Gammon, president of Hampden-Sydney College; Dr. J. Earle Moreland, president, Dr. T. McSimpson and Dr. W. C. Gumm of Randolph-Macon College; Dr. Ben R. Lacy, president, Dr. John N. Thomas, Dr. W. B. Blanton, and Dr. H. W. DuBose of Union Theological Seminary, (Richmond, Va.); Dr. F. W. Boatwright, Dr. B. C. Holtzclaw, and Dr. Solon B. Cousins of University of Richmond; Dr. W. T. Sanger, Dr. J. P. Gray, and Dr. R. Blackwell Smith, Jr., of the Medical College of Virginia; Dr. John E. Pomfret and Dr. Warner Moss of College of William and Mary; Dr. Frank Geldard and Dr. Ivy Lewis of University of Virginia; and Dr. Malcolm Wallace of the University of Toronto (Ottawa, Canada).
N. B. Maddox Heads Community Fund

N. Baxter Maddox, '22, prominent and genial vice-president and trust officer of the First National Bank, in Atlanta, was elected chairman of the 1946 Community Fund on February 21.

Mr. Maddox has served as treasurer and executive board member of the Georgia Tech National Alumni Association since 1941. Although an outstanding officer and alumni executive, it became necessary for him to resign in March, due to his Community Fund election and his many other civic activities; some of the latter he will also have to forego, in view of his present appointment.

The fund will be reorganized, it was announced, without including the special wartime agencies which were brought into the organization, on united appeals, during the war years.

Reunions and Home Coming

George C. Griffin — now Captain, U.S.N.R., Sir—Georgia Tech Alumni Club and Placement Director, has been appointed by the Alumni Board as Chairman of Committee on Alumni Reunions, Banquets and Home Coming. Messrs. Joe Westbrook and Oscar Davis were named to serve with George Griffin on the committee; and plans will soon be formulated to hold a really big Home Coming with fall Class Reunions, over the week-end of the Navy-Georgia Tech game in Atlanta on November 9.

The foregoing doesn't mean at all, of course, that class reunions should not be held, if preferred, during the time of the June 21 commencement; unfortunately, however, except for the usual dances and class banquets that could be arranged, the college hasn't much to offer now in the way of entertainment, during June; unless some general banquet, at one of the hotels, is decided upon, about which everyone would be informed in sufficient time ahead.

Due to the unusually large attendance at Georgia Tech by veterans and other undergraduates, the dining facilities, on the campus, are still greatly overtaxed and overcrowded, consequently it isn't certain, at all, that large luncheons or dinners can be arranged at the college, any time soon; but plans, well in advance, can be worked out with some of the hotels in Atlanta.

Right now, it is generally thought that Home Coming time, in the fall, offers the best opportunity for the first, big, post-war gathering; however, the classes are naturally, the ones to make their own decisions, concerning everything that pertains to their respective gatherings.

According to the pre-war procedure, specific reunions, this year, would include those of '91, '96, '01, '06, '11, '16, '21, '26, '31, '36 and '41. Back reunions would comprise those that begin in 1890, with 5-year intervals; also, those that begin with the classes of 1892, '93, '94 and 95 with their respective 5-year periods, to 1942, 1943, 1944 and 1945.

The various class secretaries will be published, as usual, in the next issue of the Alumnius; however, it isn't too far ahead to begin making arrangements — and both Captain George Griffin, with his committee, and the Alumni Office will be pleased, indeed, to work on the individual class gatherings; in addition to the plans for reunions, in general, and Home Coming Day.

"Sayings of Dr. John S. Coon"

R. Roddey Garrison, M.E., 1923, Dist. Sales Mgr., Jones and Laughlin Steel Corp., Atlanta, Ga., edited a very attractive and highly interesting booklet, in January, on the "Sayings of Dr. John Saylor Coon"; and he mailed a complimentary copy to each of "Uncle Si's" students of the classes from 1890 through 1923, whose present addresses are known.

Roddey writes that many have acknowledged receipt of their copy and have contributed bits of Uncle Si's philosophy and humor. All expressed admiration and love for him as a great teacher; and for his precepts, examples and magnanimity.

It is his intention, Roddey Garrison added, to acknowledge the letters personally but, in the meanwhile, he wants to express, through the Alumnius, his thanks to those who have written to him. Perhaps, he suggested, if all of "his boys" will send in other examples of the Uncle's sparkling gems and humor, the collection of "Sayings" can be added to and its value enhanced.

There are a few of the booklets remaining and, as long as they last, Roddey Garrison states that he will be glad to forward one to anyone of "Uncle Si's" former students who hasn't received a copy.

George Griffin Now Captain, USNR

Georgia Tech's popular and prominent alumni placement director and organizer, George C. Griffin, was promoted by the Navy to Captain, U.S.N.R., during his terminal leave period, shortly after he reported back to the college.

After a tour of duty of about six years in Atlanta, Florida, and the Pacific, Captain Griffin was given his present rank at the U. S. Naval Air Station, in Atlanta.

He was recalled to active duty from the Naval Reserve in June 1940, with the rank of lieutenant and was assigned to Georgia Tech as executive officer of the Navy college program in Atlanta. He was promoted to the rank of lieutenant commander in 1941 and to commander in 1943. In March, 1944, he was detached from Georgia Tech for duty in the Pacific; and he returned to the college, upon his completion of an executive assignment at Pearl Harbor.

Associate Dean Ajax Returns

Fred W. Ajax, associate dean of students, returned on February 1 to his duties at the Georgia School of Technology after almost two years in the U. S. Navy, it was announced by Floyd Field, dean of students. A graduate of Emory University, Dean Ajax was assigned by the Navy Department to his alma mater as executive officer of the V-12 unit.

He joined the faculty of Georgia Tech in 1931 as an instructor in English and after several promotions, became assistant to Dean Field in 1941. Dean Ajax's duties at the school include the coordination of student activities, placement of seniors in industry, part-time job placement, and general student guidance and counseling.
Georgia Tech Installs Modern and Very Valuable Electron Microscope

In keeping with Georgia Tech's modern expansion program, the State Engineering Experiment Station at the college has announced the installation of a $13,000 electron microscope, one of the most important scientific tools developed in the last ten years. “This instrument,” according to Dr. Gerald A. Rosselot, Director of the Experiment Station, “will enable us to obtain much basic information on many problems in the fields of medicine, biology, bacteriology, agriculture, metallurgy, textile fibers, and ceramics. It will greatly complement the other equipment with which the Experiment Station is investigating problems of importance to Georgia and the South, and will be used in cooperative research with other colleges and universities of this area.”

The electron microscope is an instrument which has astonished those scientists who predicted that the power of the optical microscope would never be exceeded. The apparatus at Georgia Tech can magnify images as much as 20,000 times, compared with about 2,000 times for the optical type. Even more important is the fact that photographic enlargements reveal many new details even at magnifications as high as 100,000 times, whereas enlargements of optical photomicrographs show comparatively few new details, because of the instrument’s much inferior resolution of the image.

In principle, Georgia Tech’s new electron microscope is much like the visual instrument. However, electrons instead of light beams are fired from a “gun” at the top of the instrument and are focused with adjustable magnets instead of glass lenses. The image may be viewed on a fluorescent plate, or photographed directly.

The electron microscope is applicable to a wide variety of industrial problems, according to Dr. Rosselot. The field of chemistry, for example, includes such studies as those of particle size, shape, and distribution, important in the preparation of better carbon blacks for synthetic rubber and, in the study of catalysts, for the manufacture of high-octane gasoline.

Biological applications are particularly important, for many bacteria and viruses can now be seen for the first time, an important step in the conquest of disease.

By use of an ingenious technique involving the use of transparent replicas, it is now possible to study the details of solid surfaces. In metallurgy, for example, this has already made possible the solution of important problems involving surface irregularities in polishing, and has added much to the knowledge of surface crystal structure, important in the preparation of alloys for heavy-duty service.

Only a small number of electron microscopes are in existence in the entire country, which lends particular emphasis to the present installation at Georgia Tech, where it will be used to supply the answers to many scientific investigations.
Weddings and Engagements

Adams-Manry
Mrs. Percy Hoyle Adams announces the engagement of her daughter, Miss Georgia Hoyle Adams, to William Fillmore Manry III. The marriage will be an event of March 29, taking place at the First Presbyterian Church, in Atlanta.

Mr. Manry received his B.S. in I.M. from Georgia Tech in 1941.

Barron-Paine
Mrs. House Barron announces the engagement of her daughter, Miss Alyce Irenus Barron, to James Oliver Paine. The marriage will be solemnized in the early spring.

Mr. Paine is now attending Georgia Tech and will receive his degree in June, 1946.

Blackburn-Hearn
Mr. and Mrs. Bruce R. Blackburn, Sr., announce the marriage of their daughter, Virginia, to Lieutenant Colonel Richard Larkin Hearn, on Friday, December 28, 1945.

Colonel Hearn graduated from Georgia Tech in 1939 with a B.S. in T.E.

Brennan-Williams
Announcement is made of the marriage of Miss Rita Brennan to Lieutenant Commander Sidney W. Williams, SC, USNR, on January 20, 1946, at Sea Island, Ga.

Lieut. Comdr. Williams was graduated from Georgia Tech in 1942 with a B.S. in I.M. He is stationed presently as officer in charge of the Navy Accounts Disbursing Office, Third Naval District, New York City.

Conner-Ravenel
Dr. and Mrs. James Russell Conner have announced the engagement of their daughter, Beverly, to Major Bruce Walker Ravenel, Jr. The wedding will take place in Denver, Colorado, in the early summer.

Major Ravenel graduated from Georgia Tech in 1941 with a B.S. in E.E. He is now on terminal leave after having served four years with the Signal Corps.

Edmondson-Green
Mr. and Mrs. Loy Lee Edmondson announce the engagement of their daughter, Miss Elizabeth Lucile Edmondson, to Malcolm Johnson Green, Jr. The marriage will take place in March.

Mr. Edmondson attended Georgia Tech with the Class of 1944.

Foster-Cone
Dr. and Mrs. Royal Bailey Barnum announce the engagement of their daughter, Mrs. Beatrice Farnum Foster, to Lieutenant Douglas Cone, USNR. The date of the wedding will be announced later.

Lieutenant Cone was graduated from Georgia Tech in 1935.

Haller-Long
Mr. and Mrs. Frederick J. Haller announce the engagement of their daughter, Miss Miriam Jean Haller, to Commander David D. Long, Jr., USNR.

Commander Long received his B.S. in General Science in 1937.

Van Horn-Murray
Announcement was made on March first by Mr. and Mrs. Emory Van Horn, Cornelia, Georgia, of the marriage of their daughter, Georgie Ruth, to Julius A. “Ditty” Murray, Class of 1931, of Atlanta, Georgia.

The bride is a graduate of Toccoa Falls Bible College, North Georgia College, and Piedmont College. "Ditty" Murray was on the Georgia Tech varsity; and served in the U. S. Marine Corps during the war; he is now engaged in business in Atlanta.
General Haywood S. Hansell, Jr., Appointed to Important New Command

Brigadier General Haywood S. Hansell, Jr., recently named Commanding General of the North Atlantic Wing, Air Transport Command, takes with him to Westover Field, Mass., new site of wing headquarters, a record studded with military successes. General Hansell is a mechanical engineering graduate of Georgia Tech class of 1924.

As Commanding General of the famed 21st Bomber Command, 20th Air Force, he delivered the first B-29 to the Pacific theatre, where, from bases in the Mariana Islands, he organized and directed the huge Superfort units in their initial assaults against Japan. The ruins of Tokyo today serve as mute evidence of the success with which he carried into execution the B-29 program which he developed as Air Planner for the Joint Chiefs of Staff at the Cairo conference in 1943, and then expanded as the first Chief of Staff of the 20th Air Force under the command of General of the Army, Henry H. Arnold.

Further testimony to his thoroughness and precision as a great military leader was signified by the exceptionally merited and glowing tribute bestowed upon General Hansell when he was awarded the Distinguished Service Medal, at his Mariana headquarters, by General Robert W. Douglas, Jr., Commanding General of the Saipan based Seventh Air Force.

Prior to and throughout World War II, to the very present, General Hansell's leadership, brilliance, intelligence, hardihood, modesty and unexcelled bravery, combine in him the qualities that were and continue to be an inspiration, in his every command.

In September, following the close of the war, Lieut. General Harold L. George was able to secure the services of General Hansell for the Air Transport Command, and he became the Commanding General of the Caribbean Wing, with headquarters at Morrison Field, Florida, a position he holds today in conjunction with his North Atlantic Wing command.

A native of Virginia, and a former resident of Atlanta, Ga., General Hansell, at 42, is a command pilot; and, in addition to the Distinguished Service Medal, wears the Silver Star, the Legion of Merit, the Distinguished Flying Cross, the Air Medal and the British award of Commander of the Order of the British Empire, presented to him in grateful appreciation by the English for his role in smashing the threat of German air power.

Regents Authorize Building Plans

At the February meeting of the State Board of Regents, Georgia Tech was authorized to issue $3,200,000 in self-liquidating revenue certificates for the construction of three new dormitories to house 900 students, and an apartment building with 222 units to provide for married veterans, faculty members and their respective families.

The Board employed the architectural firm of Bush-Brown and Gailey to draw plans and specifications for the new buildings and supervise their construction. The new firm is headed by Professor Harold Bush-Brown, head of the architectural department of Georgia Tech, and Professor J. Herbert Gailey, of the architectural department at Tech.

The Regents urged other state colleges to rush plans for similar building construction to be financed by revenue certificates, which will be paid with the rental of rooms and apartment units.

The Board also appropriated $150,000 out of a new million-dollar building fund for additions to the research building at Georgia Tech.

Charles H. Strong, Ga. Tech M.E. '04, Atlanta Engineer, was elected supervising engineer for the University System. He has been associated with the Georgia Power Company, L. W. Robert and Company and the Coca-Cola Company. He was instructed to take over the supervision of all building construction and to allow architects the 4 per cent charged for building plans, eliminating the 2 per cent fee for supervision heretofore paid architects.

The colleges of the University System, crowded with students, were directed to give first priority to Georgia veterans, second to Georgia students and third to non-resident veterans. Fees for wives of veterans who want to take courses with their husbands, may be waived, provided no faculty increase is required.
“Gold Star”, World War II Memorial Roll

Tributes to these gallant, Georgia Tech, “GOLD STAR ALUMNI” have been published in issues of the ALUMNI NEWS, February 1942, unfortunately, however, information has not been received at Georgia Tech on all alumni who have made the “Supreme Sacrifice” and it is sincerely requested that those of you, who may know of others, kindly check the list and report all corrections and additions to the Georgia Tech Alumni Office, Georgia Tech Y.M.C.A. Building, Atlanta, Ga.

NOTE: Did not complete course at Georgia Tech, because of entry into service.

A—Army; N—Navy; M—Marine Corps; CAP—Civilian Air Patrol


Almond, Paul E., Lt. A, ’40, IM, 1032 Clinton Road, Macon, Ga., Rangoon, April 10, 1945, died in jail prison.

Armstrong, Morris W., Lt. A, 43, IM, 896 Dry Stw., N.E., Atlanta, Ga., France, Sept. 9, 1944, in action.


Barber, Young Ben, Lt. A, Night S., 314 Linwood Ave., East Point, Ga., Italy, Aug. 10, 1944, in plane crash.


Boroughs, R. S., Lt. A, ’45*, 655 East Favel Ferry Road, Atlanta, Ga., France, July 7, 1944, in action.


Carbey, Eugene M., Lt. A, ’44 ChE, Atlanta, Ga., Europe, June 13, 1943, plane accident.

Carroll, Luther L., Capt. A, ’34, Com., Atlanta, Ga., Italy, in action.

Castleberry, Clinton, Lt. A, ’46 IM, Atlanta, Ga., Mediterranean, Nov. 7, 1944, in plane crash.


Clinkscales, Robert S., Lt. Col., A, ’40 EE, 2181 East Lake Road, Atlanta, Ga., Japan, Aug. 20, 1944, in action over Japan.


Cogburn, William Benjamin, Lt. A, ’44 IM, 183 Lindbergh Drive, Atlanta, Ga., Kyushu, Sept. 6, 1945, in action.


Costley, Lonny Spencer, Lt., A, ’44*, Atlanta, Georgia, Abilene, Texas, April 19, 1945, in plane crash.


Cunningham, Paul Dobbins, Jr., Lt. A, ’40 IM, 1262 Euclid Ave., N.E., Atlanta, Ga., New Mexico, Nov. 7, 1942, in plane crash.


Finn, John D., Av. C, A, ’40, Atlanta, Ga., Randolph Field, Texas, May 21, 1942, in plane accident.

Fussell, David C., Lt. A, ’45 ME, 978 Juniper St., N.E., Atlanta, Ga., Kiel, Germany, June 13, 1943, in action in plane over Kiel.


Gillmore, John Jr., Capt. A, ’40 IM, 66 Huntington Rd., N.W., Atlanta, Ga., India, in action.


Grashbe, John Christopher, Sgt. A, ’42*, 241 Nacoocee Dr., S.W., Atlanta, Ga., California, Feb. 2, 1945, in plane crash.

Gust, John W., Pvt. A, ’36*, 69 Alden Ave., N.W., Atlanta, Ga., Mediterranean, April 20, 1944, on transport when sunk.


Hanahan, Julius B., Pfc, A, ’46*, 91 Fifth St., N.W., Atlanta, Ga., Germany, in action.

Hines, Andrew F., Cpl. A, ’45, 935 Myrtle St., N.E., Atlanta, Ga., Camp McCain, Miss., in auto accident.


Hooper, Maurice F., Capt. A, ’41 IM, 496 Clifton Rd., N.W., Atlanta, Ga., South Pacific, April 23, 1943, in plane accident.


Horton, James U., Lt. N, ’42 EE, Atlanta, Georgia, Atlantic, June 12, 1943, on sea duty.

(Continued on next page)
"Gold Star", World War II Memorial Roll


O—O'Neal, John E. Jr., Lt. A, '44*, 215 West Duffy St., Atlanta, Ga., Belgium, March 5, 1945, in action.


The Georgia Tech Alumnus

March-April, 1946
Alumni Clubs Continue Activities

Considerable interest continues to be shown by the alumni in the organization and reorganization of Georgia Tech clubs, under the leadership of Captain Geo. C. Griffin, U.S.N.R., Director of alumni organizations and meetings. Other representatives of the college, athletic and alumni associations, have also attended a number of the meetings; and it looks as if it will be but a relatively short time, before the Georgia Tech Alumni are well organized in and out of the State of Georgia.

Full accounts have not been received, as yet, from all of the clubs that have become activated, since the publication of various club reports in the last and preceding issues of the Alumni; but these will be forthcoming shortly, together with the announcements of other meetings which have already been planned.

The following clubs have held meetings during the past few months.

Augusta, Ga.

A large gathering of about sixty alumni attended a reorganization meeting in Augusta on March 6. Capt. George Griffin, U.S.N.R., and Coach Woodruff of Georgia Tech were present and spoke about the new plans for the college. Mark Rosenberg, 1922, of Columbus was the host for his company at an excellent "feed" for the gathering.

F. A. Saxon, E.E., 1923, was elected president of the club; and Frank Dennis, T.E., 1917, was named secretary. Other officers will be announced, following the receipt of a report on the meeting.

Chattahoochee Valley, West Point, Ga.

At a big barbecue held at the Riverside Country Club in West Point, Georgia, at 7:30 P. M., on Tuesday, February 5, a Tech Alumni Club was formed for the West Point and Chattahoochee Valley Area.

Mr. John A. Simmons was elected President, Frank B. Williams Vice-President, and R. J. "Tiny" Morton Secretary-Treasurer. About forty Tech men, ten local men who are friends of the institution, and seven out of town visitors were present. The out-of-town guests were: Coach Alexander, Bobby Dodd, Captain Strite U.S.N.R., Colonel Zsuffa, Jack Thiesen, George Griffin, and "Pinky" Arnall, of Newnan.

Talks were given by Coach Alexander, Coach Dodd, Jack Thiesen, George Griffin, and the newly elected president, Mr. John A. Simmons, after which a movie of the Tech-Tulane game of 1943 was shown. A great deal of interest was manifested by the alumni present, and "a good time was had by all."

The out-of-town visitors were entertained at lunch at the Shawmut Cafeteria, Shawmut, Alabama, where they were introduced to the famous cooking of Mrs. Reed Roberts. The party then split. One group made a hurried tour of the Fairfax Mill to see the famous Martex towels made, thence to the golf course where Messrs. Alexander and Dodd proceeded to show the locals a few of the finer points of the game. The other party made a more leisurely tour of the Lanett Bleachery and Dye Works and the Fairfax Mill, where, we are happy to say, they left some of their money for the purchase of towels. The groups met later for an impromptu session with some of the locals in the locker room of the Riverside Club immediately before the barbecue.

Professor R. S. King Receives Award

Professor Roy Stevenson King, mechanical engineer, educator, head of the Department of Mechanical Engineering at the Georgia School of Technology, and member of the Georgia State Board of Registration for Professional Engineers and Surveyors, was elected on January 11, 1946, as an honorary member of the Georgia Engineering Society, which held its annual banquet in Atlanta at the time. The membership award was made by Dr. M. L. Brittain, President-Emeritus of Georgia Tech, who is also an honorary member. Others who have been so honored include Messrs. Preston Arkwright and George J. Yundt.

Dr. King also holds memberships in the A.S.M.E., N.S.P.E., Georgia Engineering Society, Newcomen Society, S.P.E.E. and A.A.A.S. He is a member of the Sigma Xi, Phi Kappa Phi, Tau Beta Pi and Phi Tau Sigma fraternities.

$25,000 Additional Given Hydraulic Laboratory

The receipt of an additional donation of $25,000 from a very prominent Southeastern company, for Georgia Tech's new hydraulic and fluid-flow laboratory, which was established in December with an initial grant of $10,000, received through the Georgia Tech Alumni Foundation, was recently announced by President Blake R. Van Leer. The anonymous gift of $25,000 will be used to purchase the latest type of scientific equipment and instruments, making the laboratory one of the best and most modern in the United States. It was stated by Carl E. Kindsvater, associate professor of Civil Engineering, who is in charge of the laboratory.

During January, Professor Kindsvater received the 1945 Collingwood Prize for Young Engineers at the annual meeting of the American Society of Civil Engineers, in New York City.

Alumni Clubs Active—(Cont'd)

Columbus, Ga.

Another outstanding meeting was the one held in Columbus, Georgia, on February 11, with a large attendance of 70 or more alumni. George Griffin was present as the representative of the Georgia Tech National Alumni Association; and he gave a glowing account of the present plans of Georgia Tech, and showed pictures of several of the football games of last fall. Mark Rosenberg, 1922, was again the host at a most elaborate buffet dinner, in honor of the gathering.

Officers elected were: Hugh McMath, 1920 C. E., president; Forbes Bradley, 1917 T. E., vice-president; and Oscar Betts, 1924 C. E., secretary-treasurer.


Following the organization meeting of the Georgia Tech Club of Metropolitan Philadelphia, on December 5, the members held a large dinner gathering at the University Club on the night of February 4. President Van Leer attended the meeting and gave a highly interesting talk on the development and plans of Georgia Tech.

Officers of this fine club are: Carl E. Kimbell E. E., 1912, president; and Ernie W. Harwell, M. E. 1923, vice-president and secretary-treasurer.
Commander Ludlow C. Deichler, USNR, Seabee Unit, died on Okinawa, June 27, 1945. Commander Deichler received his B.S degree in C.E. from Georgia Tech in 1934.

Lt. Edmund Bixby Kneisel, USNR, son of Mr. and Mrs. Edmund A. Kneisel, of 797 Cumberland Rd., N.E., Atlanta, is now presumed dead by the Navy Department.

Lt. Kneisel has been missing in action since February 18, 1945, when his submarine, the Barbel, failed to return from patrol operations in the Pacific.

Lt. Kneisel received his B.S. degree in Textile Engineering from Georgia Tech in 1940, and was graduated with honors.

Mr. and Mrs. George Noble Jones, 102 West Hall St., Savannah, Ga., received official notification during January from Secretary of the Navy James Forrestal, that the Navy Department considers that their son, Lt. Comdr. Ralph Meldrim Jones, lost his life on October 25, 1944, in an air battle off the Philippine Islands.

Secretary Forrestal, in a personal letter to his parents, stated that circumstances surrounding the loss of Lt. Comdr. Jones' plane when it was struck by enemy anti-aircraft fire during an American task force's attack on enemy fleet units east of Samar Island, forces the department to conclude that the young naval flier paid the supreme sacrifice. In that battle, the young officer, among other things, bombed a Jap battleship three times, and was on his way to bomb another when his base carrier, the St. Lo, was sunk by an enemy suicide plane which had crashed into the carrier's deck.

Lt. Comdr. Jones received his degree of aeronautical engineering from Georgia Tech in 1936, and was commissioned an ensign in the Naval Reserve in 1938.

He was awarded the Navy Cross, the highest honor given by the navy, for his conspicuous gallantry and efficiency in the invasion of North Africa. He received the Air Medal for exceptional service in the Solomon Islands area, and the Distinguished Flying Cross, for his bombing attacks off the island of Saipan. A few months ago his wife received the Navy's Gold Cross, in lieu of a second Navy Cross, for his outstanding bravery and brilliant performance in the second battle of the Philippines, in which he lost his life.

Besides his widow and parents, Lt. Comdr. Jones is survived by a four year old son, three sisters, and two brothers, both outstanding officers, also, in different branches of the service. He was a grandson of Mrs. P. W. Meldrim and the late Judge Meldrim, of Savannah.

Naval Aviation Cadet William G. Lee, Jr., was killed in an airplane accident out of Opa Locha Base, Miami, Florida, on August 15, 1943. His brother, Ensign M. C. Lee, was killed in the same accident. This regrettable information has just been received from Dr. W. G. Lee, father of these two Navy men, of Macon, Ga.

Cadet Wm. G. Lee, Jr., was graduated from Georgia Tech in 1939 with a B.S. degree in Textile Engineering.

Lt. Nelson E. McCaa, USNR, of Atlanta, Ga., has been presumed dead by the Navy Department, missing in action since February 17, 1945, Lt. McCaa was a radar technical observer with a patrol bombing squadron based in the Philippines.

He was awarded the Distinguished Flying Cross, the Air Medal with a gold star and the Purple Heart.

Lt. McCaa graduated from Georgia Tech in 1941 with a B.S. degree in Electrical Engineering.

Captain Omar Aldine Turner, Atlanta, Ga., who has been missing since he was shot down while leading a bomber raid on Dieppe, France, February 11, 1944, has been declared dead by the War Department. Captain Turner's mother died only three hours before definite news was received that he had been killed.

Captain Turner entered Georgia Tech Evening School in 1938 and was working for a certificate in Aeronautical Engineering.

Service Citations and Mentions

The Bronze Star Medal posthumously awarded to the late Lieutenant Colonel Benjamin M. Bailey, Jr., was presented to his 3-year-old son, Benjamin Mart Bailey III, in recent ceremonies conducted by Major General Edward H. Brooks, commanding general of the Fourth Service Command. Colonel Bailey, a West Point graduate, attended Georgia Tech with the Class of 1927.

Lieu.t Russell Bobbitt, B.S. in I.M. 1940, one of the nation's finest doubles tennis players before he entered the Army in November of 1941, is back at his home in Atlanta on terminal leave and expects to be a civilian shortly. Bobbitt plans to return to tennis competition.


Lt. Col. Edward S. Bullock, B.S. in Gen. Engr., 1924, wrote recently that he was enjoying the Florida sunshine until the expiration of his terminal leave on March 12.

Dr. Arlie Harris Chamberlin, B.S. in M.E. 1930, served as Captain in the Army Medical Corps, with the 12th Armored Division, and is now back in Memphis, Tenn.

Major Ernest W. Chapman, B.S. in E.E., 1940, is now with the 1290 Engr. C. Bn., Fort Benning, Ga.

John M. Cothran, B.S. in C.E. 1944, recently received his promotion to First Lieutenant, and is serving as aide de camp to the Commanding General with the 24th Division, in Japan.

Major Joseph Cuba, B.C.S. 1930, has taken off his Air Force khaki and returned to his old desk with the auditing and tax consultant firm of Max M. Cuba & Co., Atlanta.

(Continued next page)
Lt. Col. Jack Jenkins Cubbedge, B.S. in M.E. 1932, Division Ordnance Officer, 2nd Armored Division, saw five years of service in the army, three of which were spent overseas. He is now Circulation Manager, Savannah Morning News and Savannah Evening Press, Savannah, Ga.

Lt. Comdr. Raleigh Drennon, Jr., B.S. in Gen. Sci. 1929, a famous guard with Georgia Tech 16 years ago, is home after four years of duty in the U. S. Navy. He played in the Rose Bowl game Jan. 1, 1929, when Roy Reigels ran the wrong way and Tech beat California, 8-7.

Major D. L. Echols, B.S. in Gen. Sci. 1937, was recently relieved from active duty. After his "reconversion," he will be Assistant Sales Manager, Matthews Engineering Co., Dallas, Texas.

Lt. Col. Harry David Emmert, Jr., Aus, B.S. in M.E. 1937, is now Research Engineer, Steam Turbine Dept., Allis Chalmers Mfg. Co., Milwaukee, Wis. He saw service in Hawaii, Philippines, Okinawa, and was presented the Legion of Merit.

Colonel John E. Getzen, B.S. in E.E. 1922, former district chief, Birmingham Ordnance District, has been released from active duty, and is associated with Harry G. Mouldat, manufacturers' representative for industrial equipment.

William Clay Grubb, B.S. in M.E. 1940, was on sea duty with the Navy from January 1941, until February 1946. He is now residing in Dothan, Ala.

1st Lt. Charles B. Hagood, B.S. in M.E. 1934, is with the 1282 Engr. C. Bn., Manila, P. I.

Major Julian H. Harris, B.S. in Arch., 1928, is now back as Assistant Professor of Architecture and Ceramics at Georgia Tech. After his graduation from Georgia Tech in 1928, he spent the next four years at the Pennsylvania Academy of the Fine Arts, studying sculpture. After a period of four years in industry, he returned to Georgia as an instructor in modeling, ceramics, and architectural sculpture at Georgia Tech. In his spare time, he executed many notable works of sculpture.

He had many interesting experiences during his four years of military service.

Stanley Kesler, Jr., B.S. in M.E. 1941, entered the army in 1943 and has been overseas since June, 1945. At present, he is officer engineer at Itami Air Field, near Osaka, Japan, with the 5th Air Force.

Capt. James Lewis Knight, C.A.C., B.S. in T.E. 1925, is a partner in Candlewick Yarn Mills, Cartersville and Dalton, Ga.

Lieut. James M. Latimer, USNR, B.S. in E.E. 1934, was discharged from the Navy on December 12, 1945, and is now Estimator for the Georgia State Highway Department, Atlanta.

Major Walter W. Leroy, Corps. of Engineers, B.S. in M.E., 1934, has now reverted to civilian status and is President and General Manager of the Mag-Bestos Co., Elizabethton, Tenn.

Lieut. (C.E.C.) James B. Lester, Sr., USNR, is at the U.S. Naval Training Center, Public Works Dept., Great Lakes, Ill. He has served 34 months in the Navy on public works duty.

Commander Charles Lokey, B.S. in Ch.E., 1936, veteran of five years' active sea duty, has enrolled at Lumpkin Law School at the University of Georgia. Commander Lokey's first assignment was as gunnery officer aboard the Lassen, an ammunition vessel manned largely by Tech naval trainees. He was later given command of the City of Dalhart, a headquarters and barracks ship whose complement of Seabees helped develop the harbor at Guam.

Lieut. Wm. F. Long, USNR, B.S. in M.E. 1940, served 38 months overseas. He has been released from active duty and is Customer Engineer for International Business Machines Corp., New Orleans, La.

John F. McDaniel, B.S. in C.E. 1942, worked with the Corps of Engineers during the war, serving 10 months in Europe with the 44th Division. He is now Civil Engineer for the Post Engineer, St. Louis Administration Center, St. Louis, Mo.

Colonel Benjamin F. Markert, Jr., B.S. in C.E. 1943, received the Medal of Legion of Merit for his outstanding performance as Chief of the Supply Branch of the Overseas Supply Division at SFPE. He supervised and co-ordinated all activities essential to the prompt fulfillment of the enormous supply demands made upon that installation during the period from September 1943 to October 1945.

Charlie J. Mathews, B.S. in E.E. 1940, former Lieutenant, USNR, is with the Statesboro Telephone Co., Statesboro, Georgia.


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Service Mentions and Citations—(Cont’d)

Lieutenant David Joseph Murphy, B.S. in Arch., 1942, a veteran of 19 months’ overseas duty, plans to take advantage of the GI Bill of Rights and do graduate work in architecture.

Capt. John R. Newell, B.S. in T.E., 1932, who is now Vice-President and General Superintendent, Mandeville Mills, Carrollton, Georgia, served three years in the army, 18 months having been spent in the Pacific Theater.

Lieut. Dennis D. O’Brian, USNR., B.S. in A.E., 1938, served on the U.S.S. Liscome Bay, which was sunk November, 1943. He is wearer of the Purple Heart. Since his release from active duty, he has become Southeastern Representative for the Lauer Co., of Chicago, Ill., making his home in Florence, S. C.

Lt. Col. Quentin S. Quigley, B.S. in E.E. 1931, a veteran of the CBI Theater, returned to Georgia Tech this semester as an instructor in Military Science and Tactics.

Major DeWitt A. Stevenson, B.S. in C.E. 1938, who served in the Ordnance Department during the war, is now an Engineer for Truscon Steel Co., Atlanta, Georgia.

Commander Frederick G. Storey, B.S. in Gen. Sci. 1933, recently terminated sixty months of seagoing service. He states the highlight of his naval career came last June when he was commanding the destroyer-escort, Kimmel. Under his direction, 22 Army Air Force personnel, stranded on a Jap-held island in the Philippines, were rescued. In recognition of his initiative, boldness, resource and good judgment, he won a Letter of Commendation.

The Bronze Star has been awarded posthumously to Lieut. Commander Mercer McCall (Mack) Tharpe, B.S. in Comm. 1927. “Mack,” one-time all-Southern tackle at Georgia Tech and later line coach, was assistant air officer and officer-in-charge of the flight deck on the carrier Bismark Sea when it was destroyed February 22, 1945, off Iwo Jima. He was killed in the water by strafing Japanese planes after the carrier had been lost.

The citation accompanying the medal said in part: “Discharging the responsibilities of his important assignment skillfully and with expert administrative ability, Lieut. Commander Tharpe rendered distinctive service in maintaining his flight crews at the peak of efficiency to meet the intensive operating schedules of our aircraft in carrying out devastating strikes against Japanese forces in these vital war areas, thereby contributing materially to successful execution of 1,153 sorties over enemy territory without loss.”

Lt. (j.g.) Robert Locke Thomison, B.S. in Basic Engr., 1945, expects to receive his release from active duty around the first of June and plans to return to Georgia Tech in September to complete work for his M.E. degree. He served in the Atlantic, European and Mediterranean operations, also in the Invasion of South France.

Lt. Earl O. Dunlap, A.U.S., who quarterbacked for Georgia Tech’s 1928 Rose Bowl championship team, is athletic officer at Fort McClellan, Ala., since returning from the Aleutians, where he served for 10 months.

Lt. Col. Van Hook, will soon resume duties as coordinator of the Hampton Roads Area. He is now associated with Otis Elevator Co., Atlanta.

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 38 years of wood preserving experience. Specify Creo-pine products for long life and lowest cost per year of service.

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Service Mentions and Citations—(Cont’d)

Colonel John Gilbert Turner, B.S. in E.E. 1933, has been awarded the Legion of Merit in recognition of his outstanding contribution to the integrated air defense of the vital naval and industrial installation of the Hampton Roads Area. He is now associated with Otis Elevator Co., Atlanta.

Colonel J. H. Ware, Class of 1925, has been awarded the Legion of Merit, in recognition of his outstanding ability in filling wartime personnel requirements for the Signal Corps as director of personnel, Army Service Forces Training Center, Camp Crowder, Mo.

He plans to return to Atlanta soon and resume his work with the Southern Bell Telephone Co.

1st Lt. Daniel Webster, B.S. in M.E. 1939, has received his discharge from the army, after five years with the Corps of Engineers, and is now connected with the Southern Bell Telephone Co., Atlanta.

Commander Robert Luke Wilson, B.S. in Comm., 1934, for three and a half years aide to Rear Admiral Van Hook, will soon resume duties as coordinator of manager training with the Western Coca-Cola Bottling Co.

1st Lt. Dan Yates, Jr., B.S. in I.M., 1941, one-third of the great family golf combination, recently returned to Atlanta from the Army. Charlie, already is out of the Navy and in the banking business in Atlanta.
Alva D. Adams, B.S. in M.E., 1914, announces the association with him of Commander Stone E. Bush, USN (Retired) in the practice of patent and trade mark law under the firm name of Adams and Bush, Washington, D. C. Commander Bush was on the Georgia Tech R.O.T.C. faculty for two years.

Arch Avary Austin, B.S. in Gen. Sci. 1936, recently discharged from the army with rank of Major, is now connected with Loyless Publishing Company, Atlanta, Ga.


Marcus L. Brown, B.S. in M.E. 1914, is President and Factory Manager for Seiberling Rubber Co., Toronto, Ontario.

Fred W. Bush, who received his B.S. degree in Electrical Engineering from Georgia Tech in 1928, has been promoted to Assistant Manager of the Allis-Chalmers Mfg. Co., Milwaukee, Wis.

Leo J. Drum, Jr., B.S. in M.E. 1935, has returned to civilian life after five years of service in the Army, and expects to resume his civilian occupation, which was in air conditioning and refrigeration.

Prof. William N. Cox, Jr., head of the Department of Safety Engineering at Georgia Tech, has been appointed a member of the joint committee on Colleges of the National Safety Council and American Society of Safety Engineers.

Paul A. Duke, B.S. in M.E. and I.E., 1945 and 1946, former football captain of the 1945 varsity, is now a sales representative for the Capital Automobile Co., West Peachtree and Fifth Sts., Atlanta, Georgia; specializing in the sale of Oldsmobile and Cadillacs.

W. Carey Hansard, B.S. in Cer. 1929, is back at Georgia Tech as Professor in Ceramic Engineering. Professor Hansard recently received his discharge from the Navy.

Harold N. Hill, has been appointed manager of railway sales for the Gulf Oil Corporation, with headquarters in Pittsburgh, Pa. Mr. Hill was graduated from Georgia Tech in 1924 with a degree in Electrical Engineering. He was discharged from the army with the rank of Lieutenant Colonel.


Francis M. Kimble, Jr., B.S. in T.E., 1923, is President and General Manager of Mandeville Mills, Carrollton, Ga.


Rene Larrieu, B.S. in E.E., 1940, whose address is Calle 22, No. 164, Vedado, Havana, Cuba, has recently organized an import and export business, and will welcome any representation for the Island of Cuba from a Georgia Tech alumnus.

Robert B. Levin, B.S. in I.M., 1940, is now manager of the chemical division, Tripure Products Co., Miami, Fla., after having served five years in the army, 26 months overseas.

(To be continued, next issue)
THAT'S A GOOD QUESTION. But at this point no one can give you the complete answer to it.

The full possibilities of these man-made gems have not been explored. The making of synthetic sapphire and ruby in this country is an infant industry—born in World War II.

Prior to the war, all our synthetic sapphire and ruby were imported. When our supply of these war-vital materials was cut off, THE LINDE AIR PRODUCTS COMPANY, a Unit of UCC, at the request of the government condensed into months the research necessary to master the techniques of quantity production.

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They are long-wearing thread guides in textile mills. They are the bearings in watches and delicate navigation instruments. They make phonograph needles that will far outlast metal. They are much in demand for jewelry . . . and are used for many types of cutting tools, gages, spray nozzles, burnishing wheels and insulators.

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For additional information send for the folder P-3, “Synthetic Sapphire Production.”
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Then the mines must yield copper, iron, lead, aluminum, chromium, zinc, nickel, coal, gold, silver—all required in telephone apparatus.

Twenty-five domestic varieties of wood enter into the nation's telephone service. Their uses range from switchboards to poles and booths.

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