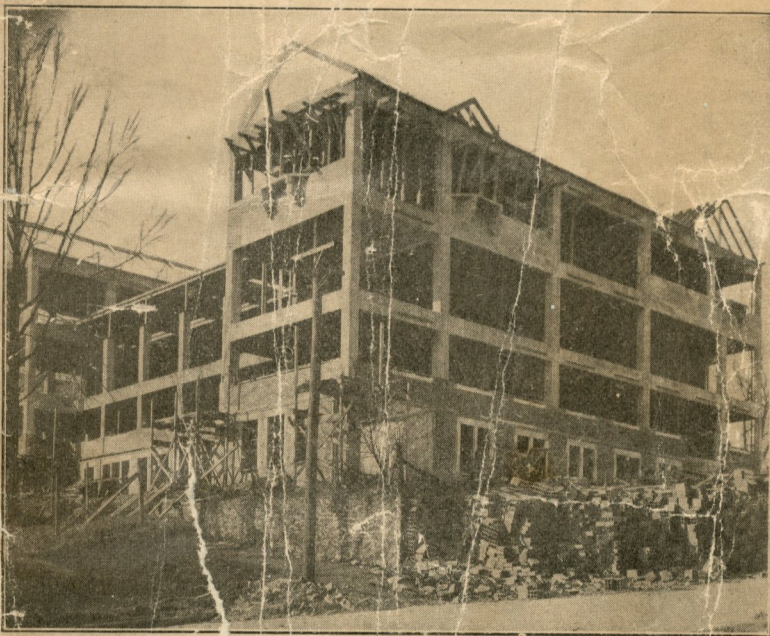


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Georgia Tech Alumnus



New Physics Building

MESSAGE FROM THE PRESIDENT.
TECH BEATS GEORGIA.
CAMPAIGN FACTS.
BUILDING PROGRAM.
TECH TOPICS.

Vol. 1

MARCH, 1923

No. 1

Published at Atlanta, Ga by the National Alumni Association of
Georgia School of Technology.

Library has Volume I - #1, 3 and 4.

29235

Georgia Tech Alumnus

Issued Monthly, Except in July and August, by the National Alumni Association, Georgia School of Technology.

ALBERT H. STATON

EDITOR

Subscription Price

Per Year, \$2.00; Single Copy, 20 Cents

Office of Publication, Atlanta, Ga.

Application for Entry as Second Class Matter is Pending.

VOL. I.

MARCH, 1923.

NUMBER 1.

Editorial Comment

We acknowledge the shortcomings of this magazine at the outset. No one man can edit a paper which will please everyone. The only way we can make The Georgia Tech Alumnus a real paper is for every alumnus to co-operate. Send us suggestions as to subject matter. Ask questions you want answered. Request information you wish us to print. Send in personal items regarding yourself and your acquaintances, and we will try to make this paper such a good one that you will miss it if you don't get it every month.

The dues in the National Alumni Association have been \$3.00 per year until the year 1923. The Executive Committee, at their meeting in November, informed the Secretary that dues for the year 1923 would be \$5.00. Their reason in doing this was to assist in paying for the publication of this magazine, and the expenses incident to reorganization. There was recently sent from this office a little white card with the amount of your back dues on it. Since no effort was made to collect these dues for two years, many of the Alumni will not feel called upon to pay them all. If you do not, please send us \$5.00 for 1923, and we will start all over again. We want to thank the men who have paid

the full amount, however. They have helped us out in a critical period.

This magazine is being sent to every Alumnus whose name is on our rolls. If you hear of one who did not receive the magazine, send his name and address to Albert H. Staton, Georgia Tech, Atlanta, Ga., and he will be added to our list. This is the only way we have of adding to the names we have. Out of the 13,000 men who have passed through this institution, we have the names of only 3,000. Get busy, Alumni, and help us get in touch with the other 10,000.

The Secretary has received a number of criticisms of acts of the National Alumni Association, some of them unsigned, and a number of resignations on the basis of dissatisfaction with certain things the Association has done or was alleged to have done. In every case the Secretary has written the person, thanking him for his criticism, and promising to do what he could to straighten out the matter, also refusing to accept his resignation.

That leads us to this remark: You can never help an organization by quitting it. This organization belongs

to every man who attended Tech for as much as a year, and if he doesn't like the way it is being run, it is up to him to get busy and see that it is run right. Some have said this was a one-man proposition. Confound it! It had to be. Wouldn't anybody else help at first. This is a one-man paper, but it won't be long if we can get

somebody else to do part of the work.

We appreciate criticism, it is the only way we can make progress. At the same time try to send us suggestions and cut out this resignation business. Get busy and see that this organization is run the way you want it run. It's your Association.

**LAST YEAR'S
CAPTAIN**



Red Barron.

**NEXT YEAR'S
CAPTAIN**



John McIntyre.

**NEXT YEAR'S
ALTERNATE**



Claire Frye.

WE LOSE THESE MEN.



Oscar Davis, R. G.



Al Staton, R. T.



J. McDonough, Q.

What The Alumni Association Can Mean To The School

By M. L. Brittain.



OUR NEW PRESIDENT.

It is a pleasure to respond to the request for a few words about the Alumni Association. I feel that the message may aid as an introduction to many of the former students of Georgia Tech. Some of you I have known for years, but have had no opportunity to meet the great majority of the men who have gone from Georgia's Technical College to lead in the industrial development of the State,

South and Nation. The kind preference of the Federal authorities for me to act as State Vocational Director from 1917 to 1922, in addition to my former duties as State Superintendent of Education, caused me to know and to appreciate as never before the great value of this training for our young men. That our people believe in it is shown by the fact that we have two hundred more students than

last year and have a much larger enrollment than any other college in the State.

With the growth, proving an ever-increasing hold on the hearts of our people, we should, of course, have a strong and effective Alumni organization. Every great college in America has such an association of its former students. In honoring their Alma Mater by fostering these ties, men honor themselves. It is close akin to the patriotic love that stirred our eloquent Benjamin H. Hill to say: "Who saves his country, saves himself, saves all things, and all things saved do bless him. Who lets his country die, lets all things die, dies himself ignobly, and all things dying curse him."

The Georgia School of Technology is steadily forging ahead. The new Physics building—gift to us from the Carnegie Corporation and the subscribers to the Greater Tech Fund—is nearing completion. We are planning for a new Chemical laboratory and Gymnasium and perhaps, most of all, should have another dormitory and an auditorium in honor of our students in the World War. Our old chapel will not even seat our Freshman class. These pressing needs can be met only by larger appropriations. A millage tax, giving us a definite percentage of the State's income for maintenance would give more funds as Georgia increases in wealth each year and grow as our fiscal system is reformed. We need the direct help of every loyal alumnus to attain these results from the Legislature.

And peculiarly gratifying as well as illustrating the characters of the men trained at Georgia Tech is the fact that the leaders in scholarship, athletics and school activities, generally, stand high morally and as Christian gentlemen in this city. Red Barron, who led the Southern athletes as the finest football captain in charge of any eleven, is a Bible class teacher in the Tabernacle Baptist church. Al Staton, commonly called the "noblest Roman of them all," exemplifies the

highest ideals of young Southern manhood. He will be the leader of the student group conducting the campaign for a State Millage tax for our State Colleges, and in the effort to secure better maintenance and support. Let him and his fellow-workers know that they will have your cordial interest and support in this important movement for the welfare of the school.

Each year at Commencement the great Eastern Universities report such large bequests from their alumni as to cause the belief that a graduate of Yale, Harvard or Princeton is ashamed to die without leaving something in his will to his Alma Mater. The men of Georgia Tech are naturally the leaders for such college enthusiasm in the South. Julius Brown, although a graduate of another school, provided in his will that two-thirds of his estate should be given for Chemical and Electrical education here, and added as his reason, "for I believe that the Georgia School of Technology is worth more to the State than all the rest of her colleges put together." The *Atlanta Journal* stated editorially last month that our Highway Department had, through laboratory tests and other effective help, saved the State of Georgia more than sixty thousand dollars last year.

As I reached this point in writing, there was placed on the desk a copy of the last *Technique*. Verses on the front page, written by one of the students during the World War in France, caught my attention. The last stanza from the pen of M. C. Pope, Class of 1918, shows what I believe every Tech alumnus in his heart feels for his old college:

Dear Alma Mater, now
We pledge with sacred vow
Our love for thee.
Long may we see thee stand
Fairest in all the land;
Thy sons a noble band
By truth made free.

Message From The President of The Association

By Y. Frank Freeman.

To all Georgia Tech Alumni:

With this, the first edition of the Georgia Tech Alumnus, we are making our second important step in the development of the Alumni Association.

The first was the selection of a permanent secretary, one who could devote all of his time to the work of the association, and work out plans for a close and efficient organization. How well Mr. Albert Staton, our present able secretary, has done the work assigned him is best evidenced by the progress made during the past year.

He, however, cannot continue to develop the association beyond certain limits without the whole hearted and close co-operation of every Georgia Tech man, and it is through the Georgia Tech Alumnus that we hope to bring you into direct touch with your beloved Alma Mater, and weld all of us together in a body of loyal workers that will not be equaled in the country.

Georgia Tech men everywhere stand out as men who do things and do them well, and we sincerely believe that once our aims and desires are understood, response will be such as to give our school "The Alumni Association Unequaled." It means hard work, sacrifice on the part of many, but such a sacrifice as we love to make, because it is a work for the institution we admire and love, the place where our boyish dreams were moulded into definite and concrete ideals, and the chance to realize these ideals given the proper impetus and direction.

As undergraduates, the Georgia Tech student body recognizes no peer. The support given the school is won-

derful, and it is only necessary to let them know that the school needs them in any kind of work and the response is unanimous.

As a Technological School, our reputation is second to none. Throughout the country, a Georgia Tech Diploma is recognized as the best introduction a man can have.

Our Faculty are just as loyal and interested in the development of the school as the men themselves. It is impossible to pay too high a tribute to these men who day in and day out through long years lay aside their personal gains and train the men who go out into the world and reflect directly their efforts. What a source of satisfaction it must be to them to look out into the world and see the results of their handiwork.

In sports we need no comments. No other institution in the South has done as much as Georgia Tech in developing their sportsmanship. Our satisfaction comes not so much in the victories won by our teams as in the knowledge of the clean cut, high class sportsmanship of teams, student body and alumni.

As individuals our graduates measure up to the high standards demanded, but as a body we have not yet developed. This is the call—Georgia Tech needs your help. The teams need you. The faculty needs you. We all need you. Will you come together with us and help make our association what we all want it to be? Let not the burden rest on a few, but let each man do his part, and if a little sacrifice is necessary, make it gladly—for the cause. If you are a Georgia Tech man of the dyed in the wool kind, this appeal will not be in vain.

Tech Beats Georgia

By Homer George.

Georgia Tech got revenge last night on the University of Georgia for that defeat handed them in 1921 when the Red and Black put the locals out of the tournament. And strange as it may seem, the difference in points at the end of the contest was exactly the same. The score was: Tech, 27; Georgia, 22.

In the first half Georgia made one lone field goal last night and really missed but few where her chances were good. Her players did not seem able to get going at all, though fighting hard all the way. But in the second half they came out and took the battle into their own hands instead of allowing Tech to do this. They never waited for Tech to get set with a defense, as in the first part and they never let Tech men get set for throws as in the opening. It was a different team—in play, at least.

Tech's Great Game.

Tech played a fine game in both halves. Her men had dash and go and fight and they pushed their chances to the uttermost. The Georgia five-man defense was not working good in the initial stages of the struggle and the Red and Black were letting Baby Roane set for his tosses. Likewise Joe Eckford was allowed to get more or less set close to the basket. And this meant disaster, for no two men in the tournament are more dangerous at tossing goals than these two once they are permitted to stop and set themselves.

As a result of this character of play on the part of Georgia and the accuracy of both Roane and Eckford, coupled with a fine defensive play by every Tech man, the first half seemed a runaway for the locals, ending with

a total of 16 points for Tech and 7 for Georgia. All of these sixteen Tech points were from field goals except two, while Georgia had only two points from a floor shot, the others coming from fouls.

When the ball was first thrown into the air by Referee Sutton, Gurr beat Roane to the tip off and Georgia got the ball. After a half minute of furious play during which each tried for a field goal, Roane was caught in a foul and Gurr dropped it through for the first score. It only took a few seconds more for Joe Eckford to get a chance for a goal at a comparatively short distance and down it went. Eckford repeated with a second field goal shortly after this and the score stood, 4 to 1. Georgia got a point on a foul and Tech did the same.

Jimmy Brewster got the ball far down the court and by a brilliant series of dribbles got near the basket and dropped a field goal. Eckford got another chance at a short throw and downed it, after which Baby Roane shot another. Meanwhile, Georgia had added two more foul goals, putting the score at 11 to 4. Another foul goal was made by Tech and then Georgia got her first field goal of the half when Butler shot one through the basket. Baby Roane was allowed to get set twice more during the half and each time he came through with a field goal. It looked like a slaughter for Georgia and her followers were thankful for the end of the half, with the score standing 16 to 7 against them.

Fresh Players Go In.

After about two-thirds of the first half Coach Alexander, following his usual custom, sent Matheson in for

Jenks and Denicke for Brewster. The latter played a brilliant, flashy game and twice stole the ball away from Georgians as they were dribbling towards their goal. He showed more speed in such flashes than any man on the floor and set the Tech supporters wild. He was responsible for one field goal during this half, getting it early in the game when he made the Tech score seven points.

Shortly after the second half opened Butler dropped a field goal from the floor by rushing the Tech defense. It was followed by a foul goal and then Williams rushed the Tech defense and dropped in another field goal. Then a double foul was called on Georgia and Tech, Gurr being designated as one of the guilty parties. It was held by the official scorers that this was the fourth personal foul against the Georgia star and he was forced from the game after much consultation and questioning of the correctness of the scorers by the Georgia players. It is said that this was the first time in his life that Gurr had been forced from a game on account of personal fouls.

The removal of Gurr seemed to affect the playing of the Georgia boys a bit, as he has always been held the star point maker this season. However, Richardson went in and Joe Bennett was switched to center and the game continued. Up to this time Tech had not scored in this half and Georgia was just three points back of Tech. In the play following the removal of Gurr a foul was called against Georgia before any other scoring was done and Roane added a point to the Tech score. Joe Bennett followed this with a field goal and Georgia was only two points back of Tech with the crowd going wild.

Playing Desperate.

Both teams were playing like a lot of wild men, taking all kinds of chances and showing all kinds of speed. A series of plays and passes gave the ball to Matheson near the Georgia basket, but to one side. He proved his accuracy by dropping it for a field goal. Baby Roane got another field goal and Tech's supporters breathed a bit more freely, but it did not last long for Williams came through with a double counter from the floor, following a goal from the foul line. Georgia seemed to still have a chance but it was almost ruined just afterwards when Denicke scored a field goal, followed shortly thereafter by another by Roane.

At this stage of the game the score stood 25 for Tech against 18 for Georgia. Coach Alexander thought it an opportune time to get in fresh men and he sent Brewster and Jenks back in the game to replace Denicke and Matheson. Clark managed to get the ball after a series of passes and dropped a pretty field goal. Then good old Al Staton, who was a war horse on defense, managed to loop one of his long throws through the basket for the best score by Tech. Georgia continued her fight and Clark got another field goal before the end of the game. The firing of the gun ended it. Tech 27, Georgia 22.

The score:

Tech (27)	Pos.	Georgia (22)
Jenks	r.f.	Williams (6)
Brewster (2)	l.f.	Butler (4)
Eckford (6)	c.	Gurr (6)
Roane (13)	r.g.	Bennett (2)
Staton (2)	l.g.	Clark (4)

Substitutions: For Tech, Matheson (2) for Jenks; Jenks for Matheson; Denicke (2) for Brewster; Brewster for Denicke; for Georgia, Richardson for Gurr. Goals from fouls: Roane 3 out of 7; Gurr 6 out of 9; Williams 2 out of 4. Referee Sutton; Umpire Fisher.

Officers Election



Here you have the officers of the National Alumni Association. The Secretary was appointed the first of August by the Executive Committee, and assumed his duties the 18th of August. One of his first acts was to hold the election of officers as in-

structed by the Constitution of the Association.

Following the plan proscribed by the Constitution, letters were written to each of the local clubs, asking them to send in their nominations on the enclosed postal cards. The following men were nominated:

Nominating Club	President
Atlanta	Frank Freeman
Savannah	Frank Freeman
Pittsburgh	Cherry Emerson
Athens	Robert Gregg
Chattanooga	W. A. Alexander
Macon	Frank Freeman

1st V. President
L. W. Robert, Jr.
L. W. Robert, Jr.
Robert Gregg
Cherry Emerson
Cherry Emerson
W. A. Alexander

2nd V. President
J. B. Mansfield
J. B. Mansfield
J. G. West
J. B. Mansfield
Robert Gregg
J. G. West

Treasurer
Robert Gregg
Robert Gregg
M. A. Ferst
Frank Freeman
M. A. Ferst
M. A. Ferst

Ballots were sent to every man who had ever paid any dues to the Association, the records being furnished by Mr. P. V. Stephens; 882 ballots were sent out.

Following is a tabulation of the results. The ballot was held open two months, and only two ballots have come in since the lists were closed, and these two would not have affected the results:

President	1st Vice Pres.
Frank Freeman21	L. W. Robert, Jr.25
Cherry Emerson10	Bob Gregg14
Bob Gregg19	Cherry Emerson11
Alexander17	W. A. Alexander17
67	67

2nd Vice Pres.	Treasurer
J. B. Mansfield25	M. A. Ferst29
J. G. West22	Frank Freeman24
Bob Gregg20	Bob Gregg14
67	67

The By-Laws adopted at the June, 1921, meeting in Atlanta call for an-

nual elections of officers, therefore the next election will be held in July of this year.

Campaign Facts

By W. J. Milner.

Nearly two years ago, in April, 1921, the Greater Georgia Tech Campaign was successfully launched. Like a great avalanche, it quickly spread from Atlanta to the entire State of Georgia, then became nation-wide, and finally reached past the shores of our own great country.

The original goal was one million dollars, a sum which only great vision could conceive at such a time. The final amount subscribed was one million seven hundred fifty thousand, or three-fourths more than the goal set.

Of course, money—in the currency of the realm—was the object of the campaign. But the records show that other mediums of exchange were contributed, including liberty bonds, lands, brick, plumbing materials, sashes, doors, blinds, desks, chairs, bobbins, engraving and engineering services, not to mention one article which on first thought might seem to indicate a scarcity of same among the students, a bull—not of the well-known class room type, but a full-blooded Guernsey.

But, to return to the history of the campaign. In about ten days Atlanta alone had subscribed about seven hundred and fifty thousand. Organized Tech Alumni Clubs got busy and contributions from every part of the United States came pouring in and even donations from Mexico, Cuba and Italy were received. In fact, wherever a Tech man was to be found some help, great or small, was forthcoming. In a short while one hundred and fifty thousand came from the Carnegie Foundation, with the usual wise proviso.

Installments on pledges started coming in. A small clerical force left over from the campaign office was retained to receive and acknowledge payments of subscriptions. In general, the pledges have been paid

promptly, an indication of the Tech spirit to fulfill obligations which have been assumed in good faith. An occasional lapse of time between date of pledge and receipt of contribution occurred, but usually the payments were prompt and the work of erecting new buildings has been carried on without a hitch.

The new Physics building is now about half completed. It will represent the expenditure of two hundred thousand dollars and is just one of the many units of the final building program. A number of old dwellings and small houses along Cherry street have been razed and the work of clearing the way for the continuance of the building scheme is being carried on.

Finally, the campaign was a success. The work it was intended for is progressing rapidly every day and if the payment of pledges continues as it has, and there is no reason to think that it will not, Georgia Tech will soon be equipped in the thorough and complete manner which it rightfully deserves.

Following is a statement of the campaign up to date:

Subscriptions in force to	
date	\$1,585,121.11
Carnegie Fund	150,000.00
<hr/>	
Total	\$1,735,121.11
Collections to date	\$ 290,308.79

The Campaign is not yet at an end. The New York Tech Club, with its large and enthusiastic membership, has recently sent word to the office that they intend to go out in the near future and add \$500,000 to the fund from the city of New York. Tech could not have done without the work of the Tech Clubs in the various cities, and the work of the New York Club was at the very head of the list.

Honor Roll

The following men have made the reorganization of the National Alumni Association possible by paying dues, and some of them further donations. Get your name on the list. This list complete through March 1:

J. M. Flanigan	M. R. Berry	J. R. Westbrook
J. T. Dargan, Jr.	G. A. Reddick	Hal C. Richardson
W. L. Adamson	W. E. DuPre	J. Allen Weaver
W. G. Carpenter	G. M. Stout	E. F. Huff
W. W. Robinson	D. C. Black	Robert E. Robinson
L. W. Robert, Jr.	S. A. Bulloch	J. T. Wikle
L. F. Green	Calvin Des Portes	L. A. Graybill, Jr.
A. L. Schlesinger	B. M. Blackburn	W. G. Howel
P. K. McKenney	L. J. Saperstein	W. A. Parker
H. J. Hall	J. W. Wiggs	Wm. P. Fleming
J. W. Ivy	K. C. McRae	Jameson C. Jones
R. S. Howell	R. R. Stewart	Frank Adair
P. H. Gaskins	R. A. Clay	N. E. Adamson
M. C. Pope, Jr.	A. C. Crymble	R. A. Anderson
G. D. Phillips	C. L. Emerson	W. A. Alexander
L. G. Yankey	O. P. Galt	C. B. Amorous
G. G. Crawford	J. E. Davenport	J. T. Anthony
T. H. Mize	C. D. Downing	Lorimer Clayton
G. A. Chalker, Jr.	N. H. Bailey	J. E. Conrad
W. S. Rankin	W. R. Harper	Jas. B. Scales
F. E. Whitney	Forrest Adair, Jr.	J. C. Senter
H. L. Smith	E. C. Patterson	W. S. Titcomb
W. H. Glenn	B. F. Summerour	Robert Gregg
F. W. Darby	E. Pierce McGhee	J. M. Slaton, Jr.
Garrard Haines	C. C. Sloan	Roscoe T. Anthony
G. F. Luck	J. G. Holtzclaw	S. R. Arnold
J. E. Rumble	Julian Prioleau	C. L. Armsby
Wm. C. Wright	M. L. Brown, Jr.	A. B. Fink
C. A. Sweet, Jr.	J. A. Hall, Jr.	Y. F. Freeman
Bartolo Rodriguez	J. W. Kreis, Jr.	E. H. Bacon
Wm. H. Merriam	M. R. Maclean	Walter Estes
W. B. Houseal	Carl Epps	Ralph E. Daniels
J. B. Mansfield	J. S. Seckinger	F. W. Porro
Horace Holleman	R. L. Bidez	I. H. Sheats
E. E. Lindsey	H. O. Ball	F. C. Furlow

If anyone's name is left off this list who has paid any dues since August 18, 1922, the secretary will be glad to make the correction.

Bruce J. Sams is now District Engineer of the Southern Cotton Oil Company, of Savannah, Ga., and Lewis R. Sams is manager of the Retail Credit Company's office at Toronto, Canada.

Mr. Michel G. Malti, Class of '22, has been elected by the Faculty of the Graduate School of Cornell University to the Charles Bull Earle Memorial Fellowship in Engineering for the academic year 1922-23.

Building Program

Work on the Carnegie Physics Building, the first of the many buildings that will compose the Greater Tech development, is being carried on rapidly in order that it may be completed for use in the latter part of the second semester of the present school year. This announcement was made today by Robert & Co., Inc., architects and engineers, who are in charge of part of the work for the school.

The Carnegie Physics Building, funds for which were supplied by both the Carnegie Foundation and the Greater Georgia Tech campaign, is of the English renaissance type of architecture, and will cost \$200,000. It will be one of the finest and most fully equipped buildings of its kind in the country, and has been designed to provide the maximum amount of efficiency for teaching and research work in physics. For the present it will also be used for the Civil Engineering Department.

Its completion by May 1st, as now planned, will go far, according to school officials, in relieving the serious classroom congestion caused at

Tech this year by inadequate equipment and the largest enrollment in the history of the institution.

Following completion of the Physics Building, work on the Chemistry Building, the second on the Greater Georgia Tech program, will begin, and construction, it is planned, will be finished in time for use during the school year of 1923-24. This building will cost approximately \$350,000 and will likewise be of the most modern type for chemistry work and research.

Dormitory improvements are planned next by the Board of Trustees in the Greater Georgia Tech building program, however, a Commerce and Architecture Building, costing \$150,000, will also be erected shortly. In all, eight new buildings, as well as improvements on old ones, are scheduled for the Greater Georgia Tech development.

The new buildings and improvements are to follow along rapidly on the heels of collections on the Greater Georgia Tech Campaign fund which were collected to be used exclusively for new plant and equipment for the College.

Our second vice-president, Mr. J. B. Mansfield is the author of a very entertaining article in "The Highway Engineer & Contractor," issue of January, 1923. This article is headed "Why Tractors and Trailers Save Highways." Mr. Mansfield is President and General Manager of the Detroit Trailer Co., Mansfield Steel Corp., and is director and consulting engineer for about a score of other national concerns.

We had a nice letter from Mr. M. R. Maclean, of Haverford, Pa., saying that he had entertained Dr. Matheson at his home. He says that Doctor Matheson seems well and happy in his new position as president of Drexel Institute at Philadelphia.

J. J. Gardner, '15, a Gold T man, has been added to the teaching staff of the school. He is instructor in drawing for the Rehabilitation Department.

A. S. Lewis, Class of '18, has been elected Vice-President of the B. Mifflin Hood Brick Company, of Atlanta, Ga.

Mr. I. H. Sheats, '22, sent us his check from Barbourville, Ky., but neglected to tell us what company he was with.

Financial Statement

Following is a general statement of the funds received and disbursed to date, March 3, 1923. A detailed statement is filed with the President of the Association every month by the Secretary.

GENERAL FINANCIAL STATEMENT.

(August 18, 1922—March 1, 1923.)

RECEIVED:

Dues paid by members since August 18, 1922	\$ 555.00
Donations:	
Athletic Association....	100.00
Mr. Frank Freeman and others	560.00
Received from Robert Gregg, former Treas.	61.77
Total received	\$1,277.12

EXPENDED:

Salary of Secretary through February, including extra help for mailing magazines, etc.	\$ 750.00
Expense in sending out Techniques, Tech Topics, etc., to every Alumnus whose name we had	309.58
General office expenses, postage, stationery, statement cards, envelopes, etc.	95.94
Total expended	\$1,155.52
Balance in the bank	\$ 121.60

The gift from the Athletic Association was not really a gift. It was paid to the Alumni Association for the services of the Secretary in sending out news matter and carrying on publicity during the football season.

The above statement does not include \$100 which was subscribed by the office of Robert & Co. to send one issue of The Technique to every Alumnus whose name was on the rolls.

There are due the Association certain funds which do not appear on the statement because they have not

been collected yet. The Trustees at their meeting in January voted to include in the students' fees the sum of \$1.00 per year to go to the Alumni Association. It was understood that this fee was to be added only after the various classes had voted on the matter, and that each year the students had the right to refuse to pay the \$1.00 if they so desired.

The Freshman class was the only class which was approached before the second term began, because of the shortness of the time intervening between the Trustees' meeting and the beginning of the second term. They voted unanimously to add this fee to their expenses, and some of them paid 50 cents on the second term's fees. This amount will be collected from the Bursar the second week in March.

At the February meeting of the Athletic Association, they voted to give the Alumni Association \$300.00 to start the publication of a magazine. This gift is gratefully received, and we hope the return to the Athletic Association will be worth more than \$300.00.

The publication of the March, April, May and June issues of The Georgia Tech Alumnus will cost in the neighborhood of \$1,000. This amount has been underwritten by Mr. Frank Freeman, Mr. W. A. Alexander, Mr. Joe Rhodes (not a Tech man, but a hearty Tech supporter), and Mr. Chip Robert.

It is hoped that by next September the Association will be self-supporting, with the aid of the money received from the undergraduate body of the Alumni, who pay \$1.00 per year for the privileges of membership.

The Association also wishes to acknowledge the kindness of the Tech Y. M. C. A. in donating them an office in the building, and to the school which has furnished that office.

Athletics At Georgia Tech

By W. A. Alexander.

It may be of interest to some of our Alumni who do not live in Atlanta to know how Athletics at Georgia Tech are conducted and what part they play in the life of the school.

Every student pays a fee of \$7.50 per year that makes him a voting member of the Athletic Association and admits him free to all home games in any sport. Last year each student saw eight football games, ten basketball games, twelve baseball games and four track meets. Every student who makes any of the athletic squads is entitled to a complete uniform free under this fee system.

The business of the Athletic Association is carried on by the Athletic Board. This board consists of the President of the School and five other faculty members appointed by the President, two Alumni members appointed by the Alumni Association and three student members elected each year by the student body. Dr. J. B. Crenshaw is the Athletic Director and Prof. A. H. Armstrong is the Treasurer of this association.

Four full time coaches and one part time coach are employed by the board to look after the instruction on the field. W. A. Alexander, Georgia Tech, '12, is the varsity football and basketball coach and assistant track



coach. Mr. R. A. Clay, Georgia Tech, '15, is the varsity baseball coach and assistant football coach. George Griffin, Georgia Tech, '21, is varsity track coach and trainer for the other athletic teams. Mr. T. B. Amis, Georgia Tech, '22, is the Freshman coach in football, basketball and baseball. Mr. F. F. Wood, Notre Dame, is the varsity line coach in football. These same men will handle Tech teams the balance of this

year and the next year.

Four sports are recognized as major sports at Georgia Tech. They are: Football, Basketball, Baseball and Track. The coaching staff is so arranged that it is possible to turn out Varsity and Freshman teams in these sports. Besides these teams, twelve company teams are looked after in football and basketball and an opportunity for all students is given in track work and cross country running.

Teams in swimming, boxing, wrestling and tennis are also attempted, but have no regular instructor in charge. The students manage and operate these sports themselves. It is hoped that in a short time money will be found available to hire a coach for these sports.

The athletic equipment at Georgia Tech is not adequate or up to date. The present field is all right for the

development of a Varsity Football and Baseball Team and at certain seasons of the year for Track. The Freshman teams in all sports are hampered by lack of playing fields for practice. The Basketball team is forced to train on an out-door court, which is a severe handicap in rainy or very cold weather. One small and ill-ventilated dressing room under the present concrete stand has to serve all of the varsity teams and a very small room under the Knowles dormitory is used by the Freshmen.

During the war the Government converted the old Gymnasium into a mess hall and the old foundry which had been fixed up for basketball into a machine shop. This means that since the war Tech Athletes have been forced to get along without gymnasium facilities.

The minor sports, Swimming, Boxing and Tennis, are in a worse fix. The swimming team is forced to go down town to the City Y. M. C. A. for the use of a pool, the tennis team has to practice at Piedmont Park or East Lake and the boxing team has one small room in the military barracks.

The crying need at Georgia Tech now is for another field and a gymnasium. The field is needed for intramural sports and the gymnasium for everybody.

The State has never appropriated money for any athletic equipment at the school. Our present field and stands are the result of donations and money that has been taken in through the gate in football. From present indications the only way that Tech will get the new field and the gymnasium is to save money out of the football receipts. That is bad, as this money should be used in the develop-

ment of other sports and coaches for these sports. The whole idea nowadays is for a school to run ten or twelve different kinds of athletic games. This allows every student in college a game that is suited to his build and temperament and means real physical education for everybody. The big receipts from a game like football should be spent in this way and not in the purchase of equipment that should be furnished out of the school appropriations.

The bright side of the situation is the fact that what equipment we have is paid for and the Association has a few thousand dollars ahead and will be able in a short time to start new work.

Georgia Tech Football and Baseball Teams are rated always as among the best in the country and we are trying to pull the basketball and track teams up to the same level and hope to do so in the course of a few years. Our Baseball Team this spring is playing Harvard, Penn State, Pennsylvania and Dartmouth besides the best in this section. The Football Team next fall plays Notre Dame and Penn State and the usual stronger teams in the South. These two schedules indicate the character of our teams. It is not believed that Tech will win straight through with such a schedule, but it is felt that our teams will give a good account of themselves in all the games.

In closing, let me appeal to the Alumni to continue to take a keen interest in our games and to be boosters for Georgia Tech and her athletics in your own home town. You are invited to drop us a line at any time about athletics at Tech and what you think of them.

Pertinent Questions

DO YOU KNOW

Thirteen thousand men have passed through the Georgia School of Technology, yet we have the names of less than 3,000 of them?

That Tech was the only large college in the country without an Alumni Organization in August, 1922?

That 105 men are supporting the organization now?

That the University of Georgia is spending \$250,000 to complete her Alumni Hall, which is combined with the Memorial Gymnasium?

That the Association is losing the names it has rapidly because the fel-

lows will not send in their addresses when they move?

That Tech needs YOU in her struggle for a better school, and the way for you to help is to join the NATIONAL ALUMNI ASSOCIATION?

If you know these things, and if the Tech Spirit is still alive in your heart, put your shoulder to the wheel, pay to your Alma Mater some of the debt you owe her, fill in and return to the Secretary the blank below, and your name will appear on the Roll of Honor next month.

To the
NATIONAL ALUMNI ASSOCIATION,
GEORGIA SCHOOL OF TECHNOLOGY

I, _____, hereby make application for membership in the NATIONAL ALUMNI ASSOCIATION, of the GEORGIA SCHOOL OF TECHNOLOGY, and inclose \$5.00 as my membership dues, \$2.00 of which is for a year's subscription to the Georgia Tech Alumnus.

Date _____

Class _____

Permanent Address _____

Graduate _____ School Honors, Teams, etc. _____

War Record _____

Review of Football Season

By John Staton.

Sept. 30—Tech, 33; Oglethorpe, 6.

Maurer, a freshman, added the thrill of the day, when on the kick off he ran through the whole Tech team for a touchdown.

Oct. 7—Tech, 19; Davidson, 0.

Davidson fought with the accustomed zeal, but their team was no match for the superior experience of the golden-jerseyed lads from Tech.

Oct. 14—Tech, 33; Alabama, 7.

The crisis of the season had come. It was either do well and have a successful season, or fail and have the season go flat.

Tech preferred a good season, and every man on the team fought like one possessed. The result was that Alabama was completely snowed under an avalanche of line plunges, short end runs and beautifully executed trick plays.

Oct. 21—Tech, 0; Navy, 13.

The accustomed hullabaloo and rousing send offs were missing on this trip. Tech was going east to beat the Navy, or give all in the attempt. It was strictly business from start to finish.

Tech walked on the field the favorites, and walked off a favorite. For though defeated, Tech by her manly fight and clean playing, beautiful losing spirit and game sportsmanship won the admiration of every one who witnessed the contest.

At straight football, the teams were evenly matched, but the Navy had the superior passing attack, and therein lies the difference in score. The Navy took advantage of every opportunity, and Tech let two golden chances slip by.

There was not a penalty called during the entire game. After the game Captain Conroy of the Navy came up to the Tech players and said: "I want to congratulate you on the splendid game you played. Tech has the cleanest team that has ever played on Faragut Field." After all there is something to the game besides the victory.

Oct. 28—Notre Dame, 13; Tech, 3.

For the second time in fourteen years Tech took her second consecutive defeat. Men who had watched Tech for years thought that it was impossible to beat her twice in succession. It was the first time since 1919 that Tech had been beaten on Grant Field.

Tech drew first blood when Jimmy Brewster booted a perfect drop kick through the goal posts from the thirty-three-yard line. But the absolute bliss was short lived, for Notre Dame had scored before the half was up. Notre Dame scored again in the second half, and that finished the scoring for the day.

Forward passing again spelled defeat for Tech. Castner was too good and his passes went too straight for the good of the Tornado. In other respects the game was equal, but Notre Dame, with a dazzling air attack, made every one count.

Tech fought that game as she had never fought before. Three of her best players fought out before the game was over and had to be carried from the field. Every man was in there fighting until the last whistle, giving all.

Coach Alex was proud of the boys that day, and said that they had played the best game that he had ever seen a Tech team play. That was cause to keep heads up and feel proud.

Nov. 4—Tech, 19; Georgetown, 7.

For the fourth straight time Georgetown trotted upon Grant Field with a look in the eye which spoke ill for Tech. But Tech was ready for them, and from the first play on, the result was never in doubt.

Nov. 11—Tech, 20; Clemson, 7.

Coach Alexander did something in this game which had never before in the history of Tech been accomplished. He played four entirely different teams against Clemson.

Nov. 30—Tech, 14; Auburn, 6.

When the dusk had settled over Grant Field and the stars were just beginning to peep out on the night, standing out in bold relief against the dark background, you could see this: Tech, 14; Auburn, 6. Cryptic, but conclusive, it told of a game that had been won, of men who had played their last for the alma mater, and of a kind of satisfaction that it was all over.

Tech played football that day, and won a deserving victory. Every yard gained represented utmost endeavor on the part of every man privileged to bear the honor of the gold and white. Every first down meant untold effort and pain by all. Resistance was stubborn all the way

through, and Tech was forced to the ultimate to overcome her ancient and honorable foes in their twenty-fifth meeting.

"Red" and the players were called to the center of the field just before the game and the Auburn team and student body presented him with a handsome silver service. Red was to be married that night, win or lose.

Soon afterward the whistle blew, and the fight was on. Red's approaching nuptials were forgotten, the goodness of the Auburn team was forgotten. It was Tech against Auburn, and that was all.

The old men played their last game with a grim determination that was inspiring. The men who had yet another year played their hardest that the graduating men might end in glorious victory. It was the valedictory, and Tech made it such.

To Auburn goes glory too. Clean sports and hard fighters, they never knew the word quit, and walked from the field, beaten, yes, but not humiliated. There was glory in defeat, for they had given their all.

And thus closed the season. With two games lost and six won, Tech was satisfied. The team gained the reputation of being clean fighters and good sports. What more could be desired in one season?

Mr. Frank W. Porro, '21, is with the Babcock and Wilcox Company at Barberton, Ohio. He was formerly with the Republic Iron and Steel Company, of Youngstown, Ohio.

T. L. Johnson, Jr., writes that the Atlanta Blue Print Company, owned and operated by two Tech men, himself and A. J. Poole, Jr., has moved into larger quarters at 98 Walton street, Atlanta, Ga. In three years this concern has risen to be one of the best blue printing concerns in the South.

We have had a very pleasant correspondence with Mr. Roscoe Anthony, of Ardmore, Pa., and he has given us some helpful suggestions, which we have tried to carry out in this paper. He likes to receive *The Technique*, and we have had one devil of a time in getting the paper to him, but we hope it is all fixed up now. If there is any other member of the Alumni Association who wishes to receive the weekly paper, *The Technique*, just let me know your name and address.

Tech Record In Basketball

Jan. 5—Tech 28, Atlanta Athletic Club 40, in Atlanta.

Jan. 6—Tech 20, Mercer 30, in Macon.

Jan. 12—Tech 35, Auburn 17, in Atlanta.

Jan. 13—Tech 26, Clemson 17, in Clemson.

Jan. 20—Tech 33, Mercer 32, in Atlanta.

Jan. 23—Tech 33, Jewish Progressive Club 27, in Atlanta.

Jan. 27—Tech 35, Clemson 22, in Atlanta.

Feb. 3—Tech 52, Florida 20, in Atlanta.

Feb. 9—Tech 39, Alabama 34, in Atlanta.

Feb. 10—Tech 29, Chattanooga 41, in Chattanooga.

Feb. 16—Tech 31, Birmingham Athletic Club 37, in Birmingham.

Feb. 17—Tech 27, Alabama 28, in Tuscaloosa.

Feb. 19—Tech 31, Mississippi A. and M. 45, in Starkesville, Miss.

Feb. 23—Tech 26, Auburn 29, in Auburn.

Tournament Games.

Feb. 28—Tech 34, Centre 26, in Atlanta.

Mar. 1—Tech 27, University of Georgia 22, in Atlanta.

Mar. 2—Tech 17, Mississippi A. and M., 25, in Atlanta.

Mar. 3—Tech 26, Mercer 30, in Atlanta.

1922 FOOTBALL STARS



Walter Mitchell.



John Staton.



Jimmy Brewster.

The Georgia Tech Athletic Association 1922-1923

By J. B. Crenshaw.

Board of Directors

FACULTY MEMBERS.

President, M. L. Brittain;
Dr. J. B. Crenshaw, Director of Athletics;
Dr. G. H. Boggs,
Prof. Floyd Field,
Prof. W. Vernon Skiles,
Prof. A. H. Armstrong, Treasurer;
Wm. A. Alexander, Advisory Member
without power to vote.

ALUMNI MEMBERS.

L. W. Roberts, Jr.,
Forrest Adair, Jr.

STUDENT MEMBERS.

D. I. Barron, President;
E. R. Morgan, Secretary;
H. L. Welch.

EXECUTIVE COMMITTEE.

Dr. J. B. Crenshaw, Director of Athletics;
Prof. A. H. Armstrong, Treasurer;
L. W. (Chip) Robert.

The Georgia Tech Athletic Association is the successor of the Athletic Association of The Georgia School of Technology, a corporation formed under the laws of the State of Georgia in 1904, which surrendered by unanimous vote of its stockholders its charter to the State on December 17, 1915, because they thought that the purposes for which it had been organized could be better accomplished in the new association.

The stockholders in the old corporation were simply contributors in va-



rious amounts to the support of athletics at Tech, who held the stock rather as an evidence of what they had done for the school than as stock in the real sense of that word. It never paid any dividends and was only intended as one way of finding out just who favored the real Tech spirit. Some of this stock, on very fine paper, is still exhibited by its proud possessors as souvenirs of the time when Tech was gradually

winning its way athletically into first-class company among the col-

lege teams of the South.

The Georgia Tech Athletic Association is not a corporation, has no stockholders, pays no dividends, but is an integral part of the Georgia School of Technology. Its Board of Directors consists of eleven men—the President of the School, five members of the Faculty (these are at the present time all of the rank of professor), two alumni and three students. No contracts are made by the Association with coaches except with the approval of the Board of Directors and the President of the School. Rules governing all athletic activities are made by the Faculty. The Director of Athletics has no power to change any of these regulations or to control in any way the athletic policy of the school. The receipts taken in by the Association from any and all sources are used to promote athletic sports of every kind and to give physical training so far as possible to all students. Whatever money is earned by the Association is used to buy, to improve and equip the athletic field and in this way becomes the property of the State either in the form of real estate or buildings.

The old corporation surrendered its charter in 1915. The students that same year, under the able guidance of Mr. H. F. Comer, who was then Secretary of the Georgia Tech Y. M. C. A., agreed unanimously to ask the school Association and the Board of Trustees to establish a Students' Activities Fee of \$13.00, to be paid \$6.50 at the beginning of each term, in September and in February. This fee was designed to develop the students' magazines, year-book or annual and to foster athletics. Of this \$13.00, the Georgia Tech Athletic Association was given \$7.50 for each student. In return for this fee, he gets free admission to all games and contests in football, baseball, and track which are held on Grant Field between teams from Georgia Tech and teams of other colleges. He sees football games for fifty cents that cost the general public \$1.50 and \$2.00. For twenty cents he sees baseball

games and track meets that cost the general public fifty and seventy-five cents. He really gives nothing whatever to the Athletic Association, but for a fee of \$7.50 he sees football and baseball games that cost the outsider from \$20.00 to \$25.00. In addition to this, he has the use of a splendid athletic field, the instruction and help of the best coaches in the South and athletic equipment and supplies of the best quality that can be bought.

The Hugh Inman Grant Field.

The Athletic Field called the Hugh Inman Grant Field has been acquired by the school in the following manner: In 1906 the Georgia Legislature appropriated \$17,500.00 for extension of the school campus. With \$16,000 of this appropriation the school purchased for athletic purposes about four acres of land fronting on North Avenue and lying east of the main campus. The first improvement on this field was made in 1913 through the generosity of Mr. John W. Grant, who contributed \$15,000 for the erection of the concrete grandstand. In appreciation of this gift, the field was named the "Hugh Inman Grant Field" in memory of Mr. Grant's deceased son. In April, 1913, the Peters Land Company gave the school a five-year option on the northern part of the present athletic field with the privilege of buying at any time during that period. Fulton County in the meantime with its convict labor had graded the whole field, put in an excellent drainage system and converted the rough and wet tract into an unexcelled athletic field. In 1915 the concrete grandstand was completed to its present capacity at an additional cost of \$20,000. Of this amount, Mr. John W. Grant, the Georgia School of Technology, and the Georgia Tech Athletic Association each paid one-third. Up to 1920, nothing had been done to complete the purchase of the field, the use of which the Peters Land Company had given free of charge to the school for five years. The purchase price of this land plus the un-

For the purchase and equipment of Grant Field as it now stands the following amounts have been paid:

(A). By the School or by the State.	
For original acreage bought in 1906	\$16,000.00
For one-third cost of first part of concrete stand	6,666.66
Total amount invested by school for state	\$22,666.66
(B). By the Georgia Tech Athletic Association.	
For one-third cost of first concrete stand	\$ 6,666.66
For completing concrete stand and purchase of additional acreage, two-thirds of purchase price	21,308.34
Total amount	\$27,975.00
For wooden stands	29,352.64
For other improvements and basketball court	6,513.91
Total amount contributed to purchase and development of Grant Field	63,841.55
(C). By Mr. John W. Grant.	
April, 1913, cash gift for improvement of athletic field first concrete stand	\$15,000.00
In 1915 one-third cost of completing concrete stand	6,666.66
In 1920 one-third of purchase price of acreage necessary to complete athletic field to its present form	10,000.00
Total amount given by Mr. Grant to Grant Field as it now stands	31,666.66
Total cost of Grant Field up to present date	\$118,174.87

To this amount already given, namely, \$31,666.66, Mr. John W. Grant in the late campaign for a Greater Tech fund for the development of the school, subscribed an additional sum of \$18,333.34, which brings his donations for buying and equipping Tech with a great athletic field up to the magnificent sum of \$50,000. Of this gift made to the school by the generous donor, two of the five in stallments have been paid. These amounts have been deposited in bank in a separate account opened for this purpose and are bearing interest to be added to the whole amount. This donation will be used for the development of Grant Field whenever the Board of Directors decides that the time has come to build the new stadium for the use of future Tech students and their friends, the public. Without these contributions so generously made and at such seasonable times it is almost impossible to see how athletics at the school could have developed in any way.

With the exception of the one-third of \$20,000 paid for the completion of the concrete stand in 1915, all these improvements have been made and paid for since September, 1917. The School and the State have contributed not one cent of money to the changes made in Grant Field during these five years. Mr. John W. Grant has continued his liberal help in these improvements at all times and in the development of Grant Field has not flagged in any way.

But this visible value added to the equipment of the State School is less than the invisible contribution made by the Georgia Tech Athletic Association. Up to October, 1920, the Board of Trustees had paid the Director of Athletics \$300 a year or \$25 per month to head the athletic program at Tech. Since October, 1920, the Board has contributed nothing to furnishing physical training for the State students. The amount paid out by the Tech Athletic Association for salaries of coaches, treasurer, director of athletics, for bandmaster (in part last year he received from the Association \$1,020), the hire of two

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workers for Grant Field, the team equipment (football, baseball, basketball, and track), amounting now each year to \$8,000 or more, reaches for the last five years' operation well over \$100,000.

This money has been well spent. It justifies the existence of the Georgia Tech Athletic Association, which under the strictest laws of any State school in the South, absolutely governed by the Faculty control, administered by a Board of Directors, in which the Faculty members, who are all professors in rank, always have a majority, is at the present time paying all the expenses necessary to give physical training and athletic opportunities to all students who can be coaxed into taking any interest in their own physical well-being and physical improvement.

The Athletic Department has an athletic director, a treasurer, four coaches who are employed for the whole year, one seasonal coach who is employed for football only, and two workmen who are employed the year

round to take care of Grant Field and keep it in shape for the athletic work.

No such success as has followed the Tech Athletic Association could have been possible without the faithful backing of the city of Atlanta, the alumni and above all of the student body at Tech during these later years which with constantly increasing numbers and the finest college spirit has made the task of the Association one of pleasure as it has been of profit to the institution.

To those students who have constituted Tech teams and who have put out their best to bring Tech to the position she now occupies in Southern athletics it is unnecessary for me to throw any bouquets. They have their reward in knowing that their names and their athletic deeds are well known to all. We wish only to greet them wherever they are in the name of their Alma Mater with this resume of what they have helped to accomplish for Georgia Tech.

J. B. CRENSHAW.

A local campaign among the students and alumni netted \$1,812.30 for the support of Gene Turner in China. Gene Turner was the Y. M. C. A. Secretary at Tech from its organization in 1907 until he went as a missionary to China in 1914.

Millions of people in the United States enjoy the entertaining covers of the Saturday Evening Post, but few of the people know that a Tech man, Mr. E. M. Jackson is the painter of most of them. Look for his next cover on this magazine.

J. M. McCleskey, who holds the mile record at Tech, and who held the cross-country record until last year, is now located in Chattanooga, and has recently taken unto himself a bride. McCleskey is a member of the class of 1921.

Mr. J. L. Davidson is now located with the New York Central Railroad Company, being Chief Service Test Inspector, with his office in New York. He has lately been with the American Automatic Connector Company and the Gollmar Bros. Circus in charge of air equipment. There are several Tech men with the N. Y. C., F. H. Hardin, Chief Engineer of Motive Power and Rolling Stock; J. E. Davenport, Dynamometer Engineer, and Mr. Phillips, a Special Apprentice.

Major A. L. Pendleton, Jr., commandant of the Georgia Tech R. O. T. C. was offered the post of chief of police of Atlanta, Georgia, but declined to remain in his present position. Major Pendleton is dearly beloved by all the boys at Tech, and if he ever leaves, it will be a calamity for Tech.

Clubs

There are now Tech Clubs in active operation in the following cities: Atlanta, Mr. Cherry Emerson, President; Philadelphia, Mr. R. J. Binford, President; Detroit, Mr. J. B. Mansfield, President; Dallas, Tex., Mr. Wm. R. Snyder, President; New York City, Mr. H. B. Evans, President; New Orleans, La., Mr. Sims, President; Pittsburgh, Mr. T. P. Kirkpatrick, President; Savannah, Ga., Mr. W. S. Rankin, President; Columbus, Ga., Mr. Nolan Murrah, President.

Mr. Mark C. Pope, Jr., has undertaken to organize a Tech Club in Washington, and we have not yet heard the results of his efforts, though we hope to have a report to publish in the next issue of the *Alumnus*.

Mr. Gordon Gambill has undertaken to organize a Club in Chattanooga. He has secured the names of 82 Tech men in and around Chattanooga, and the Secretary paid a personal visit up there recently, and several of the boys got together and agreed to start the ball rolling. We hope to report on this case in the next issue.

Mr. W. E. Dunwoody, in Macon, and Mr. L. W. Paschal, in Memphis, have signified their willingness to organize Clubs in their cities, and they will be asked to get busy pretty soon. The Secretary paid a visit to Macon and

saw a number of the boys there who have agreed to assist Mr. Dunwoody in his efforts.

All the active clubs have been written and asked to send in reports of their meetings that they might be published in the *Alumnus*, but the only one we received in time for this issue was from Dallas:

"At this time I will take the opportunity of telling you about the Tech Club dinner we had last night (Feb. 27) at the Adolphus Hotel, honoring Chip Robert and George S. Jones, Jr., who are here in the interest of developing cotton mills. The following members were present: C. C. Carson, W. R. Wynne, J. P. Dillard, C. H. Butt, H. O. Evans, O. L. Harrison, F. P. Gary, H. M. Erwin, Charles Williams, D. L. Schofield and W. R. Snyder. Chip made a very interesting talk on the activities of Tech covering the new development of the institution and relating many interesting facts about athletics."

We intend to devote this section to the Clubs every issue, so **SEND IN THE REPORT OF YOUR CLUB MEETINGS**. Tech men everywhere want to know what one another are doing. So let's get together and make this department of our magazine a humdinger.

We are glad to hear of the promotion of A. Moody Burt, T. E., '11. He is leaving his present position as manager of the Rocky Mount Hosiery Company, of Rocky Mount, N. C., to take the position of Southern representative of the A. V. Victorius & Co., large hosiery mill owners in the South.

Mr. Adrain B. Fink has written us, sending in \$5.00 and telling of the birth of twins, Henrietta B. Fink and Adrian B. Fink, Jr. Congratulations. Mr. Fink is now with the Ohio Bell Telephone Company, as Requirement Supervisor.

Data On Enrollment

By H. H. Caldwell.

Course	1917-18	1921-22	1922-23
Architecture		87	111
Commerce		262	336
Civil Engineering		143	141
Engineering			
Chemistry		36	40
Electrical			
Engineering		246	286
Mechanical			
Engineering		211	191
Textile			
Engineering		126	108
Co-ops		122	147
Freshman			
Engineering		440	459
(Not classified.)			
Special			
unclassified			3
Total in College			
Day Courses	787	1673	1822
Other Departments	604	1431	1518
<hr/>			
Total	1391	3104	3340
Less Duplicates...	100	274	314
<hr/>			
Grand Total	1291	2830	3026

Thus it will be seen that our enrollment has almost trebled since 1917-18, 5 years, in spite of efforts made to keep it down, such as raising the entrance requirements. It is now necessary for a man to be a graduate of an accredited preparatory school or high school before he is allowed to enter without examination.

In addition to the restrictions on admissions, it has been necessary some years to close the lists to freshmen as early as June preceding the opening in September. This means that last year, over one thousand students were turned away. This number does not include the large number of rehabilitation students who have petitioned for work at Tech, only to be denied because of the lack of room. This number will be close to a thousand.

The plant we have was originally built to accommodate 600 men, and has since been expanded to accommodate 800. But 3,026 have been squeezed in. In order to do this, it has been necessary to run classes from 8 o'clock in the morning until 5 o'clock at night, and then to resume some of them at 7:30. This means that each professor is called upon to teach from 40 to 50 hours a week, twice as much as he should be called upon to teach. It means that classes range from 25 to 35, where they should consist of 14 or 15.

The size of the freshman class each year has been limited by the Chemistry department. With the funds collected from the Greater Georgia Tech campaign fund, the Physics building is now being erected. The Physics Department will occupy this building, and the Chemistry Department will take over the old quarters of the Physics Department, until the completion of their building, which will be the next one started.

The Physics building will be completed in time for use next term, which will allow about 200 more freshmen to enter than entered this year.

An example of the remarkable growth of the school is shown by the Experimental Engineering Department. Five years ago Prof. King and Prof. Howell handled both the Experimental Engineering Department and the Department of Mechanics. Now the Department of Mechanics is a separate department with four men on its staff, and the Experimental Engineering Department employs five men and three student assistants and handles over 600 men.

Employment Service

At the suggestion of some of the Alumni, the Secretary has undertaken to establish an employment service in connection with the work of the National Alumni Association.

The purpose of this service is, briefly, to find jobs for the Tech men who want them, and to find men to fill vacancies. We know that there are many such agencies, but there are times when these agencies cannot give personal attention to the wants of men and the wants of employers, and there are times when Tech men have good jobs, but wish to change so as to be under other Tech men.

One of the chief services that the Association can render is to find jobs for the boys who are graduated every year. The men who have gone out before them know the value of the Tech diploma better than anyone else, and it is a natural thing for these boys to look for jobs with former Tech men.

In the past this work could not have been successful because of the small number of Tech men holding responsible positions. Now, however, over 13,000 men have gone through the institution and many of these hold positions of trust, a large number being presidents or other executive officers of companies that hire large numbers of men. If these men wish to do so, they can fill these positions with Tech men, and where can they get men better trained to do the work? If they themselves have been successful, it is due in part at least, to the training of the school. Why shouldn't they have confidence in the school to train men equally as well as they themselves were trained? And are we not rated the second best technical school in the country?

There are now many men in many different branches who are graduated from the school annually, the graduating class of this year numbering close to three hundred. The following courses are represented among the graduates: Architecture, Mechanical Engineering, Civil Engineering, Electrical Engineering, Automotive Engineering, Chemical Engineering, Textile, Commerce, General Engineering (Co-ops), and Industrial Education.

The machinery of this idea is simple. If Tech men everywhere will write in to the Secretary about the vacancies that they know about, we will take these vacancies, and endeavor to fill them with men who seem to fit most nearly into the qualifications desired. A list of the men desiring positions will be kept on file, and their names published in this paper from time to time.

On behalf of this year's graduating class, the Secretary wishes to urge all men who know of positions that may be had in June, to write in to the Secretary, so that he may help place these men. We have an opportunity to render a real service in this way through the Association, but we cannot do this, as we cannot do anything without the whole-hearted cooperation of the Alumni. If you know of a vacancy, don't wait a minute, but write in about it, and maybe we can fill it with just the man needed.

The first application that we want to list is that of Mr. P. V. Stephens, who is now available for additional work. Mr. Stephens has served as Consulting Engineer for the school, and has directed their campaign for extension, but his contract is terminated with them, and he is now free to do other work.

Tech Topics.

There was published recently in The Technique a picture of the Tech football team of 1893. General Leonard Wood was captain of this team, and he has written Mr. Stephens that the picture was taken just before the Georgia game, which Tech won, 28 to 6.

We reproduce the following from the "Hawthorne Microphone," the paper published by the employees of the Western Electric Company, at Chicago, Ill.:

Mr. E. C. Whitehead, formerly a switchboard sales engineer in Department 5951-A, has been promoted to chief of Educational Division 5903.

Mr. Whitehead entered the company's services as a commercial student at Hawthorne in 1914. He was assigned to the switchboard sales department in 1915 and transferred to the Omaha house on a temporary assignment as assistant telephone specialist in the fall of the same year. In 1916 he returned to Hawthorne on special work in the General Merchandise Department, transferring to Atlanta as a salesman in the fall of that year.

Mr. Whitehead entered the United States Army Signal Corps in 1917 as a private and was later promoted to a first lieutenant in the air service. After the war he returned to the company as a household appliance sales specialist at the Chicago Distributing House, where he was later made a telephone specialist and given charge of sales to telephone companies. Mr. Whitehead returned to Hawthorne as a sales engineer in 1922. His promotion to chief of Educational Division 5903 became effective the 12th of this month.

Mr. Mark C. Pope, Jr., has undertaken the organization of a Tech Club in Washington, D. C. If any of the alumni hear of this and are located

near Washington, get in touch with Mr. Pope. He is with the Electric Storage Battery Company, 1823 L street, N. W., Washington, D. C.

Mr. Gordon W. Gambill, with the Chattanooga Medicine Company, Chattanooga, Tenn., is going to organize a Tech Club in Chattanooga. He doesn't know it yet, but he is. Gordon is responsible for sending seventeen fine athletes to Tech from Chattanooga since 1912, and he has promised to do whatever we ask him, and that is going to be to organize a Tech Club in Chattanooga. He has sent us the names and addresses of 82 Tech men in Chattanooga. Would that we had more Gordon Gambills.

Our records in this office are inaccurate, to say the least of it. When we started in August, we had two chairs and a typewriter, no records of any sort. Hence, we made a lot of blundering, ignorant mistakes, through no intentional fault of our own. One of the worst of these was to write Mr. L. S. Collier, M. E., '05, of New York, and inform him that he wasn't a member of the Association and asking him to join. He promptly wrote back and informed me that he was one of a few who organized the Alumni Association for Georgia Tech. We humbly begged his pardon and set our records straight on this point. The Association is certainly indebted to the New York Club for the way in which they organized the Association and kept the vital spark alive alone, for three years. We hope they will see the fruits of their efforts in the next year.

Canty Alexander and Fred Puckhaber visited Tech January 23. Canty will be remembered as a tackle of 1914-15-16-17, but scored only one touchdown for Tech. Everett Strup-

per got away on a long run, and set the ball down on the one-foot line so that Canty could make a touchdown. It took Canty three tries to get the ball one foot for the touchdown, but he finally made it. This game was against Cumberland, whom Tech defeated 222 to 0, a world's record for a score.

We reprint the following from the "Chattanooga News": "John H. Jones, general manager of the Chattanooga Coke and Gas Company practically ever since its organization, was elected yesterday its vice-president, according to a telegram received from Lewis T. Wolle, New York, president of both that concern and the Durham Coal and Iron Company. The action recognizing in this way the well-known Chattanooga was taken by the directors. Mr. Jones' career in the Chattanooga district covers a number of years. He was superintendent of the Durham Coal and Iron Company, under its former management, his duties keeping him in Soddy. When the consolidation was affected he became general manager of the new company. He is a graduate of Georgia Tech, from which he was graduated in one of the earliest classes. The elevation to the vice-presidency makes Mr. Jones one of the directors.

Note: The Chattanooga Coke and Gas Company is a \$2,000,000 concern.

When we were in the midst of the most difficult part of this work and were somewhat disheartened at the results we were getting we received the following letter from Mr. S. A. Bulloch, Eufaula, Ala., which cheered us up immensely:

Enclosed please find my check for five dollars to pay 1923 dues to the National Alumni Association, and I trust you will be more fortunate, and if not, more persistent, in making collection in future. When you have def-

inite address of enrolled members, I would suggest that if payment of dues is not made in a reasonable time that you make draft on them for the amount, attaching thereto a statement explaining the urgent need of the funds and presuming they had unintentionally delayed payment. It goes without saying that most of the Alumni are good business men, and when the matter is thus forcibly brought to their attention, I believe they will honor your draft.

Our 1922 football team has made a record to be proud of, and each man connected therewith, whether he be coach, star or scrub, deserves the highest praise from us. It is gratifying to a man of the class of '98 to see the wonderful progress that has been made in athletics, as well as in every other line. In my day at Tech, 1894 to 1898, our struggle for athletics was indeed hard, and our most important games would be attended by the vast throng of two or three hundred. We played "down in the hollow," across North Avenue from the present Grant Field. "Them was the days," though, and to me, I was just as important on the team as Red Barron is now.

I'll never forget one of the first games I played, when Auburn scored 72 to 0 on us. Mercer was about the only college we could beat in those days, and I believe the only reason we beat them was because our hair was longer than theirs. I remember distinctly that Auburn's hair was 3 1-4 inches longer than ours, and we tried to bar some of their players for that reason.

Here's hoping that 1923 will be the biggest and best year Tech has yet had, and that you will be able to put the Alumni Association firmly on its feet.

Yours very truly,

S. A. BULLOCH, '98.

Mr. Bulloch is evidently of that rare type, a booster.

Names of Missing Men

These letters have been returned by the Postoffice. If you know their address, send it to the Secretary.

F. E. Davis
T. D. Stanton
C. S. Hammond
H. S. Daniel
R. L. McDougall
C. E. Patterson
N. F. Pratt
J. Janson, Jr.
H. D. Carson
C. W. VanDevander
S. S. Hunt
Fred McDowell
W. N. Thornton
H. Pitts
B. F. Smith
L. B. Goodman
Carleton U. Edwards
M. Kuniansky
E. G. Lindsey
W. Gary
John F. Russell
F. H. Taylor
Milton M. Smith
G. W. Rowland
D. S. Marshall
M. A. Herzog
H. H. Everitt
C. D. Egan
D. Comfort, Jr.
W. A. Smith
P. S. Hall
J. W. Humphries
J. C. Kirkpatrick
Lamar Parker
R. C. Pate
D. D. Fouche
L. D. Fitts
L. Seawell
Ruben Williams
N. I. Hirsch
Jim Fleming
L. D. Wallis
A. R. Nicholas
Blanchard D. Smith
B. P. Howard
W. H. Miller
E. W. Arrington

D. C. Lawton
T. H. Mitchell
J. B. Toney
C. D. Strong
E. A. Ryder
A. A. Robinson
Gordon Johnson
C. S. Harpen
Aubrey Edwards
D. C. Dawkins
T. N. Conrad
T. H. Wood
F. D. Wright
M. J. White
M. Schwartz
S. R. Parker
W. O. McMullan
J. B. Law
Max Kuniansky
L. L. Fleow
L. D. Fitts
C. L. Davis
L. J. Coulson
C. H. Cornelius
J. S. Burkett
R. L. Bowles
J. W. Abbott
J. D. Williams
J. M. Farnsworth
C. L. Crumley
E. L. Chapman
J. Elliott Byrd
J. L. Betts
G. L. Bobbitt
R. A. Beall
J. F. Williams
E. W. Tomlinson
E. S. Thompson
B. F. Smith
D. L. Scharff
S. Rosenau
W. E. Roan
R. Palmer Wilson
J. F. Wilhelmi
J. H. Sellers
L. G. Rogers
J. C. Narmore

H. G. Mitchell
John R. Kilgore
H. I. Fedderwitz
D. Fowler
A. de Diego
C. S. Coleman
W. S. Cooper
M. H. R. Courtenay
L. F. Burke
A. Blair, Jr.
W. H. Allen
C. T. Roberts
T. K. Cureton
C. R. Collins
A. G. Calhoun
B. F. Burks
P. D. Bryan
W. R. Barker
G. D. Alsabrook
J. S. Waterman
J. L. Thrash
C. D. Sylvester
C. H. Simon
G. P. Sasek
W. M. Robinson, Jr.
P. J. Moore
J. A. McMurray
J. H. Knighton
G. L. Jones
Wellborn Hope
P. C. Herault
R. P. Glover
James M. Fraser
J. W. Eckels
C. G. Drake
R. W. Didschuneitt
W. E. Dobbins
R. L. McDougall
B. W. Kaplan
W. T. Hughes
G. M. Hope
L. W. Golden
F. R. Gable
J. T. Fincher
J. C. Evans
J. T. DuFree
I. W. Deal
J. H. Mathewson

