Being the twenty-third volume

Published at the Virginia Polytechnic Institute, by the Senior Class, in June, 1917
FOREWORD

In THE BUGLE, 1917, we have made an earnest effort to present to the reader a condensed record of the events of the year at the Virginia Polytechnic Institute, and a means of recalling the familiar faces and scenes, which will grow more and more sacred and dear as time goes by. If we have accomplished these two aims, we will consider the book a success. Realizing that this is our first effort, we make no apologies for its imperfections.
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DEDICATION

Not thinking to confer honor upon him, but upon
The Bugle, 1917
we affectionately dedicate this volume to
Dr. C. M. Newman
a man who is esteemed in the highest by every son of
our alma mater, for his untiring labor
and interest in every phase
of Tech life
CAROL MONTGOMERY NEWMAN

R. CAROL M. NEWMAN, the subject of this sketch, and the honored dedicatee this year of The Bugle, was born at Wytheville, Va., on October 29, 1879. At the age of five, he moved with his parents to Bristol, Va., where he spent his early boyhood, and where in the public schools he received his preparation for college. He entered King College, in 1894, at the age of fifteen, and, with such diligence did he pursue his studies, completed the course with highest honors in three years, and, as a special mark of distinction, was awarded the Science Medal. The following year he spent in the offices of the Norfolk and Western Railway, at Bristol, there, doubtless, acquiring the training in business methods which later in his career as a college professor was to stand him in such good stead.

In the autumn of 1898, Dr. Newman, realizing an ambition cherished persistently and enthusiastically from childhood, entered the University of Virginia, where his scholarly ability and pleasing personality soon won for him a position of influence and leadership in the student-body, as well as the encomiums of his teachers. In his first year at the University, he won the Magazine Medal for the best essay, and the much coveted Harrison Prize, awarded for the most meritorious translation appearing that year in the University Magazine. Combining for the next two years the exacting duties of a student at the University of Virginia with the onerous office of the instructor, and measuring fully up to the responsibilities of each, Dr. Newman completed, with marked distinction, his chosen course at the University, and in 1901 was awarded the M. A. degree.

The year following he taught English, Latin, and German at St. Alban's School, near Radford, Va., and, it would seem, found himself too much preoccupied with the duties of his instructorship to avoid—if he would have avoided—the machinations of that artful little intriguer, Cupid, for during this session at St. Alban's he married Miss Carrie Fain, daughter of Gen. and Mrs. John Fain, of Bristol, Va.; a bold, but—so subsequent events have proved—a wise and happy step.

The fall of the year 1902-1903 found Dr. Newman again at his alma mater, the University of Virginia, as instructor in English Literature, and as a candidate for the doctorate in English, Latin, and German, which, at the end of the session, he received, magae cum laude. His second career at the University was, like the former, uniformly and signaliy successful; his studious and scholarly habits of mind, combined with an engaging personality, winning for him alike the renewed esteem of his preceptors as well as the lasting friendship of his student comrades.

Leaving as he did, and as we have seen, so favorable an impression at the University of Virginia, it was but the logical sequence of events that, when appealed to by the Virginia Polytechnic Institute, in the summer of 1903, to recommend someone to fill the then vacant associate professorship in English at the latter institution, the authorities of the University should have immediately and unreservedly endorsed Dr. Newman for the position. Thus it was that the Virginia Polytechnic Institute came to know and to esteem the man in whom she now takes so large and so justifiable a pride.
Dr. Newman immediately became a leader in the activities of the Institute, and his persistent and highly intelligent effort has been a notable factor in its advancement to a higher plane of usefulness. To him, in particular, must be accorded a large share of the credit due to the faculty of the Institute for its wise and progressive step in raising the entrance requirements to a standard better befitting its dignity as an institution of learning. Under his guidance, too, the Literary Societies have received a new and vigorous impetus forward, while his work on the various Institute committees, including those affecting student activities—athletic, literary, religious—has been of the highest value.

Like all men whose aim is as close to perfection as possible, Dr. Newman takes advantage of every opportunity for self-culture, and to this end has spent several vacations in study and travel in Europe. And while he is a constant and efficient student of his specialty, he divides his time between it and other pursuits of a popular and scientific interest. Thus, by close and intelligent application to his work, he has risen steadily to the position which he now fills so acceptably—the Professorship of English and the Deanship of the Academic Department.

Altho the routine duties attaching to the positions which Dr. Newman has successively filled since coming to the Virginia Polytechnic Institute have never been light—frequenty, indeed, quite the contrary—he has, notwithstanding, found time to edit in a most scholarly and delightful manner the Essays of De Quincey and Shakespeare's Julius Caesar. He has also contributed frequently to some of the current literary magazines and to the Library of Southern Literature.

As a writer, Dr. Newman has command of a most excellent and charming style—lucid, succinct, direct; a style abounding in the niceties and idioms of a language prodigally rich in both; a style, withal, resulting evidently from a vigorous and prolonged discipline in the ancient classics, and from an intimate and appreciative acquaintance with the best in modern literature. "If thought is the gold, style is the stamp that makes it current and says under what king it was issued," is a felicitous statement of a truth manifestly much taken to heart by Dr. Newman, since not only is the style of what he writes all that has been so inadequately indicated above, but the thought that pervades and dominates it is always clearly his chief concern; the style being merely a vehicle for its proper and pleasing conveyance.

But it is, perhaps, as a speaker, rather than as a writer, that Dr. Newman makes best and most pleasing use of our language. A good voice, absolute freedom from platform mannerisms, a nice and judicious choice of words, a searching and acute analysis, a straightforwardness, and a downright logical coherency combine to lend to his speech the quality of genuine eloquence. It is not surprising, therefore, that he is much sought after as a public speaker, and is always heard with pleasure, and never with less of profit than of pleasure.

But, after all,

"Worth makes the man, and the lack of it the fellow;
All the rest is but leather and prunelle."

And so to say merely that Dr. Newman is an accomplished writer, a thoroughly competent and popular teacher, and an eloquent speaker, is to leave unsaid the better part of what must and does impress all who come into contact with him, in whatever relation of life. Not only is he all of these, but, what is far more important and praiseworthy, he is a loyal and patriotic citizen, an irreproachable husband, a self-sacrificing father, and a true friend. To merit higher praise were impossible; to bestow it, equally so.
O, maid of these tragic days
What vision do you see?
Is it a peaceful world
Or one wrung with agony?

America must hold the torch
To light this world aright.
Let service be our watchword
But ever in God's sight.

If you have faith
And will to us that faith impart,
Then ours the courage and the strength,
Ours the boldness and the lion-heart.

One sponsor, dedicated
This Holy Cause to serve
Well knows the men of V. P. I.
From Duty ne'er will swerve.
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In Memoriam

R. R. H. HUDNALL was born in 1870, in Mississippi, and died in 1916, at the Virginia Polytechnic Institute, Blacksburg, Va. He was therefore in the forty-seventh year of his age, and in the eighteenth year of his service as a professor at this institution.

Extended biographical notices by Drs. Metcalfe, Lingle, and Newman appeared in the November “Bulletin.” This, therefore, is in no sense intended to be a sketch of the life and activities of Dr. Hudnall, but merely an appreciation.

As a teacher, Dr. Hudnall brought to his work a well equipped and trained mind. For eighteen years he was head of the Department of English at the Virginia Polytechnic Institute. The most striking characteristics of his work were perhaps carefulness, thoroughness, and conscientiousness. He magnified his department, and glorified in his work. He demanded of his students the qualities which he enjoyed in a pre-eminent degree himself. His interest, however, in the institution was not bounded by the limits of his departmental or professorial work, but was as broad in its scope as the life and activities of the institution.

He was the friend of every member of the faculty. Every student under his care was the object of loving solicitude. As a man, his ideals were lofty, his life was clean, his mind and heart sound. His sympathies were broad, his interest in all that pertained to what is worth while in life was deep and strong. Those who were fortunate enough to enjoy his friendship could but be impressed with his sincerity, with his tenderness, with his liberality of mind, his high sense of justice, and his keen sense of honor. Ready to encourage those who had succeeded, and to appreciate to its full worth the merit of their work, he was equally ready to lend a helping hand to him who had been less fortunate, and had failed.

Not only did the institution of which he was an honored professor profit by his broad interest and sympathy, but the town, the community, the church, and the State as well. His activity in the social and church life of his town is well known. Whatever tended to elevate and uplift, always elicited his aid and approval.

In his death, Virginia Polytechnic Institute has suffered a severe loss, a loss which was keenly felt by faculty and student alike. His impress for good has been left upon both bodies, and the he has passed away, yet the spirit which actuated him in his life remains with us still, and will serve to guide to higher things those who were associated with him.
BOOK I

ADMINISTRATION
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THE ACADEMIC DEPARTMENT

The present Academic Department, which embraces the sub-departments of Modern Languages and Latin, Mathematics, English, and History and Economics, was established (or rather, re-established, for an Academic Department is no new thing at Virginia Polytechnic Institute) by the Board of Visitors in July, 1915. In the following January, the new department made its first appearance in the college catalog, and the one course, General Science, offered in this department was duly outlined and tabulated. At the present time (December, 1916) there are seventeen students taking the General Science course, these being distributed as follows: Senior, one; Sophomores, five; Freshmen, ten; Special, one.

That the course should have made so prompt an appeal to the student-body is perhaps due to three things. In the first place, the General Science course is designed to meet the needs of those men who for various reasons wish to attend Virginia Polytechnic Institute, but who do not care to pursue any of the purely technical courses offered; in other words, it is a general college course, with, however, as the name implies, special emphasis upon such fundamental sciences as mathematics, physics, chemistry, physiology, biology, and geology. Secondly, it is the most liberally elective course offered at the Institute; and, in a school where the various lines of study are so largely prescribed, this fact doubtless has its attractions. At the outset, the student may elect between Latin and one of the modern languages; and in the Junior and Senior years only about half of both classroom and laboratory work is definitely specified. Finally, the course contains a number of valuable subjects of instruction not included in other courses. Among these are Latin, astronomy, political science, logic, and psychology; and others will certainly be added if a demand for them develops.

As the Academic Department grows older, and the General Science course becomes stronger and better known, the number of students taking this course will doubtless increase. For those who desire to prepare themselves to be teachers in the high schools of the State, and especially in the agricultural high schools, the course should have a particularly strong appeal. To the prospective lawyer, doctor, or minister it offers that general training which should precede the more highly specialized course of study. As preparation for a life of general business activity, it presents many attractive features. Certainly it would seem to meet a real need, by thus furnishing a liberal college education of scientific type as the broad foundation upon which a successful career of almost any kind may be permanently built.
ACADEMIC DEPARTMENT

CAROL MONTGOMERY NEWMAN, Dean of the Academic Department, Professor of English. B. A., Kings College, 1897; M. A., University of Virginia, 1901; Ph. D., University of Virginia, 1903.

THEODORE PRYOR CAMPBELL, Dean of the Faculty, Professor of Modern Languages and Latin. B. A., Hampden-Sidney, 1889; M. A., Hampden-Sidney, 1882.

JOHN EDWARD WILLIAMS, Professor of Mathematics. B. A., Hampden-Sidney College, 1892; M. A., University of Virginia, 1901; Ph. D., University of Virginia, 1899.

ALFRED WASHINGTON DRINKARD, Professor of Economics and Political Science. B. S., Virginia Polytechnic Institute, 1893; M. S., Virginia Polytechnic Institute, 1895.

CLARENCE PAUL MILES, Associate Professor of Modern Languages. B. S., Virginia Polytechnic Institute, 1901; M. S., Virginia Polytechnic Institute.

WILLIAM MAYO BROOKS, Associate Professor of Mathematics. B. S., Virginia Polytechnic Institute, 1901; M. E., Virginia Polytechnic Institute, 1902; M. A., Columbia University, 1914.

JOHN JAMES DAVIS, Associate Professor of Modern Languages. B. S., Virginia Polytechnic Institute.
DEPARTMENT OF AGRICULTURE

The function of the agricultural college is not, as many have supposed, solely that of training farmers; but rather the development of men for rural leadership. Such leadership calls for men fitted with technical knowledge—for investigation, for teaching, and for various forms of extension service, as well as for that form of leadership which is the natural result of being both a good citizen and a successful farmer. The demand at present for properly trained and equipped men for the various phases of both public and private service in agriculture is far greater than the available supply of men. It is the function of the agricultural college—not only to train young men for these various forms of rural service, but to direct and co-ordinate their efforts in such a manner that the whole rural population will be brought in direct touch with the college and its teachings.

The agricultural graduate should, therefore, have a broad and liberal training, in order that he may be able to grasp the many important economic and social problems that are pressing for solution. He should not only be able to recognize such problems, but he should be qualified to take some part in their solution. The agricultural college has often been subjected to the criticism that it educates young men away from the farm; but such criticism has no force so long as the college graduate's opportunity for service is greater in the field of public agriculture than in that of private farming.

Agriculture has been taught at the Virginia Polytechnic Institute since its foundation, in 1872; but a modern course in technical agriculture was not offered until after the reorganization of the agricultural department by President J. M. McBryde.

The courses of study offered in the early days of the McBryde administration, by such men as Professors Alwood, Davidson, Niles, Smythe, and Nourse, furnished the nucleus for strong fundamental training in agriculture and horticulture. These men set a high standard in agricultural instruction and in agricultural service for those who have succeeded them. Fortunately for the students of this institution, those in authority have, from the date of the reorganization mentioned, insisted not only upon sound technical instruction, but have also demanded thorough and broad training.
in cultural subjects and in the sciences cognate to agriculture. The result has been that the institution has not turned out one-sided specialists in some particular branch of agriculture, but has developed trained men who can think and act for themselves.

President Butterworth describes the work of the agricultural college as the training of "rural problem-solving." The courses given in the past and at the present at Virginia Polytechnic Institute were planned to accomplish this task of training problem-solvers. The success of its graduates in agriculture and horticulture shows that the institution has, in some measure, succeeded in its purpose.

The present policy of the agricultural department is to insist on thorough training in the underlying principles of agriculture, rather than to include many informational branches in its curriculum. Its purpose and hope is to fit young men for every possible phase of agricultural service. The present-day problems in agriculture are innumerable. They include economic questions, such as rural credit and farm tenancy; practical questions, such as studying markets, and the actual management of a farm; engineering questions, such as farm drainage and the farm plant or buildings; social problems, such as the improvement of rural schools and the education of adult farmers. Virginia agriculture is confronted by all of these problems, and many more. The State naturally looks to her agricultural colleges and its graduates for the solution of these problems, and for leadership and direction in her effort for the upbuilding and improvement of rural conditions.
DEPARTMENT OF AGRICULTURE

Harvey Lee Price, Dean of Department of Agriculture, and Professor of Horticulture. B. S., Virginia Polytechnic Institute, 1898; M. S., Virginia Polytechnic Institute, 1900.

William George Chrisman, Professor of Veterinary Science. V. S., Ontario Veterinary College, 1902.

William Jay Schurine, Professor of Economic Entomology. B. S., State University of Kentucky, 1905; M. S., University of Chicago, 1910.

William Darney Saunier, Professor of Dairy and Animal Husbandry.

Thomas Barksdale Hutcherson, Professor of Agronomy. B. S., Virginia Polytechnic Institute, 1906; M. S., Virginia Polytechnic Institute, 1908; M. S., Cornell University, 1913.

Fred Denton Fromme, Professor of Plant Pathology and Bacteriology.

Emory Riddleing Hodgson, Associate Professor of Agronomy. B. S., Virginia Polytechnic Institute, 1910; M. S., Virginia Polytechnic Institute, 1912.

Charles William Holdaway, Associate Professor of Dairying. B. S., Virginia Polytechnic Institute, 1906.

Ralph Edward Hunt, Associate Professor of Animal Husbandry. B. S., Agricultural College of Kansas.

George Columbus Starcher, Associate Professor of Horticulture.

Thomas Jefferson Murray, Associate Professor of Bacteriology and Plant Pathology.
THE DEPARTMENT OF APPLIED SCIENCE

The seventeen departments constituting the courses of instruction at the Virginia Polytechnic Institute are grouped into seven schools—the Academic, Agricultural, Applied Sciences, Engineering, Graduate and Military.

These are, of course, inter-related, in that any one course of instruction leading to a degree involves subjects belonging to the various schools.

The School of Applied Sciences embraces directly the departments of Physics, Chemistry, Metallurgy, Geology, and Biology. Each of these departments includes various cognate subjects, some of which are fundamental in all the degree courses. Thus General Physics and Chemistry are required for all students; Biological and Geological subjects are integral parts of the courses of Agriculture, General Science, Chemistry, and so forth.


The course of Applied Physics is to prepare men for teaching Physics, or to meet industrial demands for men trained in this science. This is, of course, in addition to the general instruction in the subject given in courses of instruction in the other schools.

Applied Chemistry prepares men for more advanced work in Chemistry, preparatory to their becoming professional chemists, or for filling positions as analytical chemists in technical laboratories.

The Chemical Engineering course, as the name implies, involves the fundamentals underlying all branches of engineering, but also retaining the essential features of Applied Chemistry.

Metallurgy and Metallography include theoretical and practical work in smelting and treating metals and alloys, metallurgical calculations, study and use of electrical furnaces, the constitution of alloys—their treatment and properties, and the application of these points in investigation of the properties of steel, iron, and brasses, etc.; and also the assaying of ores and research work. All of these are important to men who intend to follow mining work or assaying.

The government geologists fill positions of great importance in our country, both to mining and agricultural interests, and are called on in soil investigation and various other lines involving some of our most important industries. The course of Applied Geology is intended to prepare men for this line of work, or for teaching geology.

All medical colleges recognize now the importance of a thorough preliminary course in General Biology, and demand such as a prerequisite to entrance into the study of medicine. The course of Applied Biology, aside from its application in other lines, is especially designed to prepare men for entrance into medical schools.

This is the general scope of the departments, courses, and objects of the degree courses in the School of Science. The heads of departments, and the instructors, with the special dean, constitute the faculty of this school, which is, in turn, a part of the general faculty of the whole college.
DEPARTMENT OF APPLIED SCIENCES

ELLISON EDGER SMITH, JR., Dean of the Department of Applied Sciences, and Professor of Biology. B. A., Princeton University, 1884; M. A., Princeton University, 1887; LL. D., University of Alabama, 1906.

CHARLES ERASTUS VAWTER, Professor of Physics. B. S., University of Virginia.

JAMES BOLTON McBRIDE, Professor of Chemistry. B. A., University of South Carolina, 1886; C. E., University of South Carolina, 1887.

WILLIAM EDWARD BARLOW, Professor of Metallurgy and Metallography, and Dean of the Graduate Department. B. A., Cambridge, England, 1895; M. A., Cambridge, 1899; Ph. D., Goettingen, 1903.

ROY JAY HOLDEN, Professor of Geology and Mineralogy. B. S., University of Wisconsin, 1900; Ph. D.

JOHN WILBUR WATSON, Professor of Inorganic Chemistry. B. A. and M. A., University of Virginia, 1910; Ph. D., University of Virginia, 1913.

FRANK LEIGH ROBESON, Associate Professor of Physics. B. S., Virginia Polytechnic Institute, 1904; M. E., Virginia Polytechnic Institute; M. A., Columbia University, 1913.

HORATIO SEYMOUR STAHL, Associate Professor of Biology. B. S., Virginia Polytechnic Institute, 1907; M. S., Virginia Polytechnic Institute.
ENGINEERING DEPARTMENT

The Engineering Department offers instruction in Civil, Mechanical, Electrical, and Mining Engineering, leading to the degree of Bachelor of Science in four years of study, and the degree of Engineer for fifth-year work. Emphasis is placed on the teaching of the theory and the fundamental principles of engineering, but due stress is laid also on the practical application of the knowledge thus gained from lectures and text-books. Competent instructors, in charge of well-equipped shops and laboratories, give the student abundant opportunity to meet just such problems as will be presented to him in his work after graduation. In other words, the student is taught not only the principles of physics, chemistry, mathematics, and so forth, and the scientific principles included therein, but is familiarized also with the problems of mankind, the limitations of the means at his disposal, and the need of looking always at the value of the end—the accomplishment which is proposed.

The work of any college, or department thereof, must be judged largely by the ability and success of its graduates. If we take these as a standard, then the Engineering Department at Virginia Polytechnic Institute is a success. Its graduates are found occupying positions requiring keen executive ability and a thorough knowledge of their profession; they are sought by the large commercial engineering companies of the country. The fact that such concerns as Westinghouse and General Electric offer, without solicitation, positions to several graduates each year speaks well for the ability of Virginia Polytechnic Institute engineers to "make good."

With the installment of the machinery in the new shops, the efficiency of the department will be still further increased.
ENGINEERING DEPARTMENT

LINGAN STROther RANDOLPH, Dean of the Engineering Department, and Professor of Mechanical Engineering. M. E., Stevens Institute of Technology, 1883.

SAMUEL REYNOLDS Pritchard, Professor of Electrical Engineering. B. A., South Carolina College, 1885; M. A., South Carolina University, 1889.

JOHN ROBERT PARROTT, Professor of Mechanic Arts. Student Virginia Agricultural and Mechanical College, 1880-83.

WILLIAM GEORGE CONNER, Professor of Mechanic Arts. B. S., Virginia Polytechnic Institute, 1892; M. E., Virginia Polytechnic Institute, 1896.

WILLIAM HENRY RASCH, Professor of Graphics. Student Virginia Polytechnic Institute and Massachusetts Institute of Technology.

JOHN SAMUEL ADOLPHUS JOHNSON, Professor of Applied Mechanics and Experimental Engineering. B. S., Virginia Polytechnic Institute, 1898; M. E., Virginia Polytechnic Institute, 1899.

OTTO CORNELIUS BURKHART, Professor of Mining Engineering. B. S., Lehigh University, 1888; E. M., Lehigh University, 1889; C. E., Lehigh University, 1892.

ROBERT BURNS HALLANE BEGG, Professor of Civil Engineering. B. S., Virginia Polytechnic Institute, 1899; C. E., Virginia Polytechnic Institute, 1901.

CLAUDIUS LEE, Associate Professor of Electrical Engineering. B. S., Virginia Polytechnic Institute, 1896; M. E., Virginia Polytechnic Institute, 1907.

HARRY E. GUDHEIM, Associate Professor of Graphics. M. E., Royal University of Technology, Stockholm, Sweden, 1898.

GRAHAM BERNARD BRIGHT, Associate Professor of Civil Engineering. B. S., Virginia Polytechnic Institute, 1911; C. E., Virginia Polytechnic Institute, 1912.

JAMES MASSIE JOHNSON, Associate Professor of Mechanic Arts. Student Virginia Polytechnic Institute and Ohio State University.
GRADUATE DEPARTMENT

THE graduate Department of the Virginia Polytechnic Institute was organized, in 1908, by President Barringer and the Board of Visitors, with two chief objects in view.

In the first place, it seemed to these gentlemen that by collecting the various opportunities for advanced and research work in the college into one Graduate School or Graduate Department, under a dean, they would gain the advantage of centering the responsibility for the supervision of its affairs on one man—instead of allowing the responsibility and authority to remain scattered and uncertain.

In the second place, it seemed likely that the organization would create a more favorable and stimulating atmosphere for research, especially if the dean chosen should himself be an original investigator.

The Board of Visitors recognized the very great value to the college of a well-planned and thoroughly executed research, and also the importance of encouraging men to take advantage of the advanced work offered here before going out as representatives of Virginia Polytechnic Institute.

Since the foundation of the department, the number of graduate students has shown a satisfactory increase. Of course, as in all colleges and universities, in certain years, when the demand for college-trained men was unusually strong, men who had intended to return to college for advanced work decided to be satisfied with the B. S. degree and a position. In other years, the balance has tilted in the other direction.

In nineteen-eleven, two years after the organization, the number of graduate students had risen to twenty—of whom nine were candidates for the M. S. degree.

At the present time the graduates of this college have open to them five avenues leading to higher degrees. The degree of Master of Science demands the completion of any B. S. course, and at least one major and two related minor subjects. The possible choice of these subjects is a very wide one, and more men should consider the advisability of making an engineering subject, or one of the subjects grouped in the catalog under the department of Applied Science, the basis of M. S. work. The engineering group offers degrees in Civil, Mechanical, Electrical, and Mining Engineering.

The college has always followed the policy of finding instructional and other work, as far as possible, for men who wish to go forward to the higher degrees, but are unable to meet all the expenses of the extra year or two years. It is sometimes the case that the experience gained in acting as instructor or assistant is as valuable as any other part of the graduate work, irrespective of the fact that such a position may lead to a permanent one here or in some other college.
INSTRUCTORS

DARNEY STUART LANCASTER, B. A., M. S., Instructor in Animal Husbandry
HARLAN PAGE SANBORN, A. B., Instructor in Modern Languages
MARION CLIFFORD HARRISON, A. B., M. A., Instructor in Rhetoric
PHILIP HENRY TROUT, E. E., Instructor in Physics
WALLACE CAMPBELL STILES, B. S., Instructor in Animal Husbandry
CEcil RAY MOORE, B. S., Instructor in Physics
ALAN ARMISTEAD INGHAM, B. S., Instructor in Horticulture
EARL RIES MCKESSON, B. S., M. S., Instructor in Mathematics, and First Assistant Commandant

THOMAS CAREY JOHNSON, JR., A. B., A. M., Instructor in English
CALVET LEE CEILL ESTILL, A. B., Instructor in English
JOHN BURLEIGH LUCAS, B. S., Instructor in Chemistry
HARVEY EARL THOMAS, B. S., M. S., Instructor in Plant Pathology and Bacteriology
WILLIAM EDGAR BOWERS, B. S., Instructor in Agronomy
STAPLETON CONWAY DEITRICK, Instructor in Graphics

+ + +

ASSISTANTS

WILLIAM JACOB BARBOUR, Assistant in Mechanic Arts
JAMES DEWITT BOHLKEN, B. S., Assistant Commandant
GEORGE GRAVATT COLEMAN, Assistant Commandant
WILBER RUSSELL ELLIS, B. S., Assistant in Experimental Engineering
THOMAS JEFFERSON WELLS, B. S., Assistant in Electrical Engineering
EDWARD BOULDN BURWELL, B. S., Assistant in Geology
CLARENCE BENNETT WHITNEY, B. S., Assistant in Chemistry
Arthur Penick Moore, B. S., Assistant in Veterinary Science
James Ralph Lassiter, Student Assistant in Civil Engineering
Victor Lomax Vaughan, Student Assistant in Physics
Clifford Armstrong Cutchins, Jr., Student Assistant in Metallurgy and Metallurgy
Roger Olen Wine, Student Assistant in Chemistry
Robert Somerville Gray, Jr., Student Assistant in Chemistry
Gilbert Frazer Miles, Student Assistant in Chemistry
George William Cocke, Jr., Student Assistant in Animal Husbandry

OTHER OFFICERS
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Laura Lee Sawyer, Secretary to Dean
Sallie Gravely, Secretary to Commandant
Maggie M. Wade, Assistant to Registrar
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1917

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C. E. Whitmore, '19

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CALENDAR
SESSION 1916-1917

+ 1916
Fall Term begins ........................................ Wednesday, September 20
Fall Term ends ................................................ Thursday, December 21

+ 1917
Winter Term begins ........................................ Friday, January 5
Winter Term ends ........................................... Tuesday, March 20
Spring Term begins ........................................ Wednesday, March 21
Government Inspection .................................... Monday and Tuesday, April 18 and 19
Final Examinations end ................................... Friday, June 8
Junior-Senior German ..................................... Friday, June 8
Joint Celebration of the Maury and Lee Literary Societies ................................ Saturday, June 9
Baccalaureate Sermon ....................................... Sunday, June 10
Address before the Y. M. C. A. .......................... Sunday, June 10
Senior Prom .................................................. Monday, June 11
Alumni Address ............................................. Monday, June 12
Cotillion Club Dance ....................................... Tuesday, June 13
German Club Dance ....................................... Tuesday, June 13
Commencement Day ......................................... Wednesday, June 14
Final Ball ...................................................... Wednesday, June 14
EX-CLASSMATES

LYMAN SINCLAIR ABBOTT
RICHARD CLARENCE ALDERTON
JAMES FICKLIN ARTHUR
EDGAR CARRINGTON BANKS
WILLIAM TERRELL BUSHNELL
FRANK CAMM
CHARLES GILMER CARR
CARTER CHINN
IVAN EPPERLY CLARK
CHARLES LESLIE CLEMENTS
ARCHIE LEE COBB
GARNETT KERN CORNER
JUNIUS CLAUDE CROWDER
VERNON WITTON DAILEY
HUGH MARSHALL DICKER
THOMAS CARLISLE DURVIN
CLARENCE RAY EARNEST
WALLACE HENRY EASON
FRANK ALLISON ENGLEBY
WILLIAM CARY FERGUSON
FRANK HENDERSON FLANAGAN
FREDERICK HERBERT FORESHAW
PHILIP ROLLINS FOWLE
WILLIAM RUSSELL FULWIDER
ROBERT ARMSTEAD GARY
BOAS EVANS GIBSON
JAMES EDWARD GREGORY
WILLIAM VERNON GREGORY
HENRY MILLETUS HARRIS
JAMES DAVID HAWKINS
ROBERT ASHBY HENDERSON
THOMAS CARTMEL HENDERSON
ARTHUR CARL HOLTZMAN
OVERTON CARDWELL HUBBARD
DICKSON HAYNE IRVINE
ROBERT BURLIE JAMES
WILLIAM EARLY JAMES
ANDREW LOGAN JOHNSON
LAWRENCE MALCOLM JOHNSTON
ESSEX FRANK JORDAN

HUGH SMITH KEMPFOOT
WILLIAM HUTCHINSON KEATON
RUFUS KING
GLENN HUDSON KOONTZ
JAMES ALVAN LITTLE
BENJAMIN MOSBY MCKELWAY
DAVID CONWAY MACON
KEENE MARKS
JAMES BERNARD MASON
WILLIAM GOGOLIE MATHEWS
EDWARD BURNS MONTIER
GEORGE EDWARD MOORE
RALPH McDONALD MOORE
JEROME VENCESCENT MORRISON
NOAH PRESTON MOSES
PAUL DEWITT OAKLEY
DAVID WALKER PARRISH
EARL CAMPBELL PARRISH
GEORGE FREESER PERFATER
JOSEPH JOHNSTON POTTS
WALDO HENDERSON PRICE
JOHN TERENCE RILEY, JR.
EDMUND LEE ROBERTS
WILLIAM ROLLIN ROBINSON
OLIVER BRUCE ROSS
WALTER CONWAY SAUNDERS, JR.
CLARENCE SCOTT
JOHN CALVIN SHOCKLEY, JR.
HOMER EDGAR SIMPSON
ERNEST McCOMAS SPILLER
ERNEST LEWIS STEPHENS, JR.
WILLIAM GORDON TURNER
PAUL WHITEHEAD TYBEE
LOUIS BLANTON ULMAN
MATTHEW PAGE WALLER
SAMLUEL MULLEN WHITE
THOMAS LAFAYETTE WILLS, JR.
JAMES MALCOLM WOOD
HENRY MCCLANAHAN WORD
NICHOLAS CORTES WRIGHT

WILLIAM HENRY WYATT
1917

SENIOR CLASS

Miss Allison
Sponsor

OFFICERS

Harry Edward Keller .................................................. President
George Raymond Owens ........................................... Vice-President
Ralph Cleon Thomas ................................................ Secretary
George William Cocke, Jr. ........................................... Treasurer
EVERETT MAXWELL HARTON
Hampton, Va.
Electrical Engineering
"BRAINS"

Private, Company D; Corporal, Company D; Sergeant, Company D; Lieutenant, Company D. Ichabod Attire Corps; Y. M. C. A. Cabinet; Hampton Rodeo Club; Secretary, Law Literary Society; Vice-President, Law Literary Society; President, Law Literary Society.

Who ever heard of a man named "BRAINS"? Well, here is "BRAINS" HARTON. This noble personage was born in Ohio; but he was too bright for the people of that State, therefore he has for the past few years made his home in Virginia. "BRAINS" is one of the stars of the Class; he is completing five years' work in four. In addition to mastering electrical engineering, "BRAINS" has always found time to devote to Blacksburg society. As a Y. M. C. A. worker he has few equals, and Sunday-School work is one of his greatest hobbies. In other words, "BRAINS" is one of those fellows to whom we look for leadership.
SAMUEL DAVIES BEDINGER

Phenix, Va.

Agriculture

"BETTY"

B. A., Hampden-Sydney, 1913; Privy, Company E; Planter's Club; Secretary, Mason Literary Society; Class Football, 1916; Anding's Hell Cats.

"BETTY" is one of our adopted brothers; he came here to us from Hampden-Sydney, where he received his B. A., to take Agriculture. It did not take long to take his measure, and find that he came up to or even above the standard qualifications for a Tech man. His smile never leaves his face, and he has a pleasant word for everybody. Sincere, frank, and amiable—that's the way "BETTY" impresses us. In addition to gathering enough knowledge to earn a B. A. degree, he evidently learned to play baseball while at Hampden-Sydney also, for he has a faculty for pulling "high fly" out of the air, no matter whether he is standing on his head or his neck.
FRANK EUGENE BROWN
Roanoke, Va.
Chemical Engineering
"OLE HORS" 

Sophomore Rat, Company D; Sergeant, Company B; Second Private, Company D; Lieutenant, Company B; Vice-Principals, Roanoke Club; Cadet Club, American Chemical Society; Class Football, 1914-1915.

Behold the wise son of Roanoke. "FRANK" came to us as a Sophomore rat, and it was not long before he had proved himself to be a worthy member of our Class. "FRANK" is a chemical engineer, and seems to have wonderful success in his work among the atoms and molecules. Since he is no giant himself, he is well adapted to the atomic world, and one day he expects to run the electrical and mechanical engineers off the face of the earth with an array of his pets. When he is not studying chemical engineering, he is writing "business" letters to some individual in Lynchburg. We leave it to the reader to make a guess.
JOHN STAUB CAFFEY
Norfolk, Va.
Agriculture
“MATE” “JOHN”

Private, Company A; Private, Company F; Varsity Football, 1912-1913; Varsity Basket-Ball, 1912; Sergeant at Arms, Norfolk Club; Monogram Club; President, Freshman Class; Treasurer, Corps; 1914-15; Secretary, Athletic Association; Secretary, Monogram Club; President, Junior Class; Vice-Pres. Corps; Calliott Club; President, Athletic Association; Athletic Council; President, Monogram Club; Planters Club; Triangular Club; Advertising Manager, “The Bugle”; Arling’s Hall Cate; Captain, Varsity Football.

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Born and reared at the level of the ever-energetic ocean, JOHN S. CAFFEY brought to Virginia Polytechnic Institute a magnificent body, a liberal heart and hand, and fidelity to a trust that could nowhere be better learned than in the atmosphere of the noble Atlantic. His four years here on the Appalachian top have developed and displayed the “OLD MATE’S” fine qualities. And now, as he leaves us, we proudly send him out, an energetic, kind, and unflagging leader. The details of his college life are found in the history of the achievements and progress of the Corps during his generation.
FRANK BROWNLY CLE
Prospect, Va.
Agriculture

FRANK
Out of Military; Plastics Club; President, Optimistic Agglomeration.

FRANK arrived from Eastern Virginia, where he carried away many honors (and other things) from the Alcostabos High School. He is a good-looking, carefree fellow. Nothing worries him; even Roy Jay's geography couldn't make him buy a book. When FRANK, with his faithful pipe, can not be found around the campus, it is a safe conclusion that he is making one of his mysterious trips to Manhattan. Why? nobody knows, but we have noticed that the mail is increased after each trip. Before he matriculated, he was succubited against military, and has never gone there an "attack" yet. Because of his good looks and high grades, it is predicted by all who know him that he will either marry or make a success of farming.
PAXTON STUART CAMPBELL
Lynchburg, Va.
Mechanical Engineering
"PACK"

Private, Company C, Lieutenant and Retrival Quartermaster; Captain, Class Football, 1917; Basket-Ball Squad, 1917; Football Squad, 1917; Class Football, 1917; Class Basketball, 1917-1918; Lawyer Literary Society, Executive Committee, 1914-15; Class "Bugs" Representative, 1914-15, 1915-16; Treasurer Lawyer Literary Society; Debating Team, 1917; Manager, Publicity Bureau, 1914-15; Manager, Glee Club, 1914-15; Assistant Manager, Football, 1915-16; Tech Minstrels; American Society of Mechanical Engineers; President, Lynchburg Club.

"PACK" is from the "Hill City," and is apparently proud of the fact. He has taken part in athletics in various capacities, and is check-half of college sports. If he had any cravings for military honors, they were latent until his Senior year; and then he was awarded the gold beard, and became a lieutenant-quartermaster. A glance at his honors will show that he has taken an active and leading part in Tech activities. He is a consistent worker, and has a wonderful store of will power, which he uses to advantage in accomplishing his ends. We wish him success in his chosen profession of mechanical engineering.
GEORGE WILLIAM COcke, JR.

Bristol, Va.

Agriculture

"GEORGE"

Private, Company F; Corporal, Company F; Sergeant-Major, Staff; Captain, Adjutant, Staff; Platters Club; Bristol Club; Monogram Club; Varsity Basketball, 1914-15, 16-17; Captain, Varsity Basketball, 1916; Executive Committee, Athletic Council; Vice-President, Athletic Association; Treasurer, Senior Class.

"GEORGE" is from Bristol, and seems to be proud of the fact. He has been voted the handsomest man in school ever since he has been here and is popular in proportion to his looks. If we appreciate his looks, why of course the girls do—which fact may explain his frequent trips downtown during C. O. "GEORGE" is probably the best basket-ball man the Terps have ever known and during his Junior year made an exceptional captain. He is our contacting link with the Commandant, for it is he who with his clear and cheerful voice reads the evening news at Retreat. Greatly will be be missed next year but, since he is looking for a home, we will have to say good bye and good luck.
WILLIAM CAMPBELL COUNSELMAN
Foster Falls, Va.
Civil Engineering
"Counse"
ATHOL HERMAN COX
Wytheville, Va.
Mechanical Engineering
"PUSS"

Private, Company D; Corporal, Company D; Quartermaster-Sergeant, Company D; First Sergeant, Band; Captain, Band; Racket Club; Student Branch, American Society of Mechanical Engineers; Senior Officers' Club; Vice-President, Racket Club; Treasurer, Student Branch, American Society of Mechanical Engineers.

"PUSS" beat his way thru the mountains around Wytheville to Blacksburg, in the fall of 1912. For many years he has attended the faculty with his knowledge of the various subjects. But recently he started figuring how two can live as cheaply as one. The results he gets are not as satisfactory as those he gets on his thermo problems; but the young lady gave him ninety-nine per cent. on his work. "PUSS" is an all-round splendid chap, who is always ready to help those who need it. He leaves many friends, who will always remember him as a fellow who made living better at old Virginia Polytechnic Institute.
EDWIN BLAKE CRABILL
Galax, Va.

Agriculture

"BLAKE"

Private, Company D; Corporal, Company D; Quartermaster Sergeant, Company C; Lieutenant, Company C, Farmers Club; Secretary-Treasurer, Tennis Club; President, Tennis Club; Coalition Club; Class Football, 1914.

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Behold! Whom have we here? A man, small in stature, but in ability, in the opinion of his comrades, and in all-round baselines, anything but small. BLAKE is a quiet, unassuming fellow, whom one has to know to appreciate; with ready interest in, and sound opinions about all college activities. BLAKE came to us from Pulaski, aspiring to become a genuine farmer. In military and classes he ranks among the "silent," and for him we predict a successful career in agriculture, his chosen profession.
STAPLETON CONWAY DEITRICK
Rockville, Va.
Mechanical Engineering
"Puss"

Private, Company C; Corporal, Company C; First Sergeant, Company B; Captain, Company F; Lee Literary Society; Student Branch, American Society of Mechanical Engineers; "Tech" Staff; Assistant Manager, Track, 1915; Y. M. C. A. Cabinet; Cotillion Club.

"Ambition is the secret of success." This is the motto that has carried "Puss" thru four years of very successful college work. He came here with the purpose of gaining military and academic honors, and with this end in view he has always worked. Altho' one of the youngest members of the Nineteen-Seventeen Class, he is at the same time one of the brightest and most popular. He is a mechanical engineer, and is so desirous of fully preparing himself for his chosen profession that he expects to take a post-graduate course. Unlike most students, "PCN" has an excellent reputation in the Graphics Department. Whether he expects to become a professor of Graphics, an army officer, or a consulting engineer, is more than we can say; but we are able to predict for him unusual success.
Waverly Cousins Devin
Sandy River, Va.
Electrical Engineering

"MAJOR"

Private, Company E; Corporal, Company E; Sergeant, Company E; Lieutenant, Company E; Student Branch, American Institute of Electrical Engineers; Student Member, American Institute of Electrical Engineers; Southside Club; Racket Club.

"MAJOR" will make a good electrical engineer, or a good major-general—whether his aspirations finally lead him into the army or into civil life. About one-half of him is brains, and the other half is good humor; and, judging from his college career, this rare combination spells success and popularity. Wattless components, Cookbook cycles, or Vanley loops entail no more labor on his part than the slight shifting of the "Piper Hi-lo," and a jerk or two on the slide rule. He has worn cherrups since his Freshman year, and will graduate with the distinction of being one of the best officers in the Corps. Much of his time is spent in cracking jokes with "Growley Shults," and in learning the fine points of the terpsichorean art; but he always finds time to dispatch that daily letter to Chatham.
HARRY LELUCE DODSON
Norfolk, Va.
Mechanical Engineering
"JERRY"

Sophomore Rgt.: Private, Company B; Quartermaster-Sergeant, Company A; Lieutenant, Company A; Student Branch, American Society of Mechanical Engineers; Norfolk Club; Executive Committee.

JERRY is a splendid all-round chap, and the scribe of the Class. He pulls down more rubbers than anyone else in the Class, and is the only man in the Class, with the exception of P. C. W. E., who can argue Mechanism with J. S. A. HARRY is a military type—his additional honor for Company A. The cats are his pets; he never fails to look out for them. We all consider "JERRY" a fine, true and likable fellow, who is always ready to lend a helping hand, and who worries more about the welfare of his comrades than he does about himself. His personality and general good qualities will always make him true friends and success.
CLARENCE HENRY DRINKARD
Bristol, Va.
Agriculture
"FOX" "GRANDPA"

Private, Company C; Corporal, Company C; Musician, Company C; Angling's Hell Cats; Treasurer, Sophomore Class; Secretary, Planter's Club; Cheer Leader, Carillon Club; Tech Manager; Assistant Business Manager, "Tech"; Business Manager, "Tech"; Assistant Manager, Basketball; Manager, Basketball; Associate Business Manager, "The Bugle"; President, Bristol Club; Treasurer, Angling's Hell Cats; Athletic Council; Class Salutation; President; Senior Prince; Manugram Club; Leader, Final Fall.

Shrewd—"CLARENCE HENRY," better known as "FOX." He is a hog of some renown; his assembly call can be recognized by almost everyone. He is widely popular with all men in school, and has taken a leading part in all college activities. His sunny disposition and witty salutation serve as a tonic for all about him. "FOX" seems to be able to say more in fewer words than any other man in the Class, for he is always the first man out of the examination-room, and invariably makes one of the highest grades. He is fairly saturated with college spirit, and his efficiency as a cheer leader indicates for him a "bowling" success in after life.
JOHN HOWELL EAST
Churchville, Va.
Agriculture
"JOHNNY" "BRIGHT"

Private, Company C; Corporal, Company C; First Sergeant, Company C; Captain, Company C; Lee Literary Society; Secretary, Sophomore Class; Photosis Club; Shenandoah Valley Club; Cotillion Club; Y. M. C. A. Cabinet; Executive Committee, Corps; Assistant Manager, Football; Assistant Manager, Baseball; President, Junior German; A. M. A. P. M. S. Club; President, Y. M. C. A.; Vice-President, Shenandoah Valley Club; Vice-President, Cotillion Club; Advertising Manager, "The Bugle."

Among the green rats that composed our Class four years ago, were some who had had military training before coming to Virginia Polytechnic Institute. "JOHN EAST" was among that number of experienced soldiers. His knowledge of military life was used to advantage in rising to a captaincy. "JOHN" is a kindly fellow, and has a host of friends throughout the Corps. As president of the Y. M. C. A., he proved himself to be a diligent worker in promoting the best in every phase of college life.
ROBERT KILBY ELAM  
Suffolk, Va.  
Agriculture  

"KILBY" "UNCLE BILL"  
Private, Company E; Placentia Club; Class Football, 1916; Auding's 
Hell Cats.

"KILBY" is what one would term a man's man—honest and sincere 
to the core, and with a never-failing smile or a pat on the back of 
welcome. Where any of us feel blue or “swept out,” we go to 
"KILBY" for good cheer. He has never failed to impress himself upon 
the fans, in a manner by no means feminine; and we well always remem-
ber his inevitable, “How’s that, now?” when any of them speak to him. 
Altho not a Rockefeller, we feel sure that he will soon be lured by the 
bright flame of Humam’s ever-burning candle. In classroom and out, 
he has never failed to "come across with the goods" when necessary,
so we have no fear of his ever feeling the need of a legacy. He is a 
true friend to everybody, and we expect to miss him greatly in the 
years to come.
WALTON MARSHALL ELLINGSWORTH
Norfolk, Va.
Mining Engineering
"Cabbage"

Private, Company D; Corporal, Company D; First Sergeant, Company D; Captain, Company D; Vice-President, Norfolk Club; President, Norfolk Club; Treasurer, Junior Class; Assistant Manager, Varsity Football; Manager, Varsity Football; German Club; Monogram Club; Executive Committee, Corps.

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Until September, 1913, we thought that all cabbages were rough green vegetables, coming from the ground. But that fall we discovered a new variety, which was a early-haired, good-looking animal, with all intentions of going into the earth. "Cabbage" comes from Norfolk, and says he is going back there some day to apply his knowledge of mining engineering, even if he has to mine the harbor. He is a "skep" on mathematics and minerals, is full of college spirit, but shows a preference for football. He is especially fond of girls and good jokes, as his heavy correspondence and ready laugh will testify. Also he could make a great success in the mining world, we have it on good authority that he is going to teach English and Spanish for a living.
ALBERT JOSEPH ENGLEBERG
Phoebus, Va.
Electrical Engineering
"SHORTY"

Private, Company D; Sergeant, Company D; Class Football, 1914-15-16; Manager and Captain, Class Football, 1916; Student Branch, American Institute of Electrical Engineers; Audley's Hell Cats; President, Hampton Bould Club.

The latest reports from Meiko Park indicate that the electrical wizard, Thomas A. Edison, is having all of his apparatus reduced to one-half size, in anticipation of the advent of his future workmate, "SHORTY" ENGLEBERG. This abbreviation youth is somewhat reticent as to his habitat, but some light is gained from his nick names, "HAMPIONT Handsome," or "PHOEBUS APOLLO." While with us on Mount Olympus, he is constantly to be found at the abode of "Nilemos" Schlebe and "Mercury" Parish. During his first two years, Mars was his patron god; but later he changed his devotion to Cupid, and says he is well content with the change. We predict for him a brilliant and successful career.
CHARLES KING FISHER
Rural Retreat, Va.
Agriculture
"CHARLIE" "BUD"

Private, Company C; Maury Literary Society; Platters Club;
Treasurer, Maury Literary Society; President, Maury Literary Society;
Anding's Hell Cats.

MR. CHARLES KING FISHER isn't a bird. In regard to the
ladies, he often soars very high; at other times, he stays on the
ground—which probably accounts for his changing from engineering
to agriculture. While nearly all the large cities claim "FISHER" as
a native son, Rural Retreat seems to have first choice in the
matter. He is a quiet, easy-going, non-worrying person, who possesses more
than his share of gray matter, and who is always loved among the
few at the top of the grade sheet. Altho he comes from a district
which is noted for cabbage and pretty girls, he does not intend to
return to them, but it is rumored that he is to accept a position in
Berlin, where his German will be appreciated. But, whether he
accepts this position or not, we are confident that he will make a
success of anything he tackles.
EDWARD KRAMER FUNKHOUSE
Harrisonburg, Va.
Agriculture
"Y. HAUER" "FUNK"

Sophomore Rk: Private, Company C, Sergeant, Company C; Varsity Football, 1913-1915; Varsity Track, 1914-1915; President, Shenandoah Valley Club; Piastor Club; Homage Club; Executive Committee, Corps; Prominent Attorney, Corps; Vice-President, An- dring's Hall Cate; Triangle Club; Corps Committee, 1915; Business Manager, "The Bugle."

Immediately after his matriculation as a Sophomore rat, in 1914, "Y.H." surprised the Corps and the coaches by picking into the lime-light as a star halfback, which position his clean playing and hand-work has easily maintained for him during his three years of college career. He has won the confidence—not only of his coaches, but of the Faculty as well, making his classes consistently, and with plenty of stars in his credit. The many positions of trust conferred upon him by the Corps at large, and by his own classmates, indicate to some slight degree his ability as an executive and a manager. And with it all, he is one of the most popular, kind-hearted, generous men at Virginia Polytechnic Institute today—in every sense of the word, a gentleman.
LEONARD MYRTON GAINES
Richmond, Va.
Electrical Engineering
"MERT"

Private, Company E: Private, Band; Class Football, 1912; Manager, Class Football, 1911; Varsity Baseball, 1913-14-15, Captain, Varsity Baseball Team, 1917; Football Squad, 1915; Varsity Football, 1916; Leader, Collision Club; Richmond Club; Senior Branch, American Institute of Electrical Engineers; President, Auding's Hall Cat.

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What is the use of having a name if you can't live up to it? "GAINES" in popularity, athletics, and class work have characterized "MERT"S four-years' stay with us. "Once a friend, always a friend," was his motto. Fond of music, dancing, and athletics, as well as his work, college life never became a drag. His "Million Dollar Smile" is a sure cure for chronic indigestion, as well as a magnet for the ladies. Indifference towards military responsibility gained for him the honored office, President of the Senior Private. Unflinchingly straightforward, and full of courage, we predict an unusually bright future for "MYRTON" in the electrical world, and a happy married life.
ROBERT FLOURNOY GOODWIN
Richmond, Va.

Electrical Engineering
"SLEEPY" "CAPTAIN"

Private, Company B; Musicians, Company B; Richmond Club; Vice-President, Richmond Club; Class Football; Alpha Chi Phi; Student Branch, American Institute of Electrical Engineers; Cotillion Club.

If there were more "SLEEPY's" in the world, it would be a happy place indeed, for "SLEEPY's" smile is a sure cure for any sort of gloom. His hobby is making two twinkleys for Doc. Williams night. He accomplishes so much, in so short a time, that he still has time to spare to read the "Post" and the "Cosmopolitan"; and then he is perfectly contented. He makes friends easily, and has a host of them throughout the school. Brilliant, generous to the extreme, humble in his dealings with all men, possessing a keen sense of justice, and ever ready to help a comrade—these are some of the traits that mark the "CAPTAIN" as a man's man. Everybody has at least one fault, and "SLEEPY's" greatest one is his delight in sleeping thru Reveille.
FRANK ALEXANDER GRAY
Montross, Va.

Agriculture

"PARSON"

Private, Company D; Out of Military; Sergeant-at-Arms, Lee Literary Society; Treasurer, Lee Literary Society; Vice-President, Lee Literary Society; President, Lee Literary Society; Painters Club; Vice-President, Y. M. C. A.; President, Rappahannock Valley Club; Class Football, 1913-14; Football Squad, 1913-14.

Behold the son of Westmoreland. Is he George Washington? Not exactly, but if George were living today, he would have to acknowledge "PARSON" GRAY as a worthy son of his native county. A more broad-minded and friendly fellow than he, is hard to find. On the athletic field, in the Y. M. C. A., in the Literary Society, in the classroom, or wherever you go, you will always find "PARSON" getting the benefit of every opportunity. One of his favorite pastimes is teaching a mountain Sunday School. Altho "PARSON" is specializing in Agriculture, we predict that he will never confine his activities to this one vocation. It would not surprise us to see him in Congress.
BURTIS EDWIN HAGY
Bristol, Va.
Electrical Engineering
"Buck"

Private, Company C; Corporal, Company C; Quartermaster Sergeant, Company E; Lieutenant, Company E; Assistant Manager, Baseball; Manager, Baseball, 1917; Class Historian; Bristol Club; Student Branch, American Institute of Electrical Engineers; Athletic Council.

"Buck" was raised for Virginia Polytechnic Institute at Bristol, and was welcomed by the Squins here in 1913. "Buck" is one of the few electrical "scullers" in the Class—the only branch thing about him being that he seems to like J. E. A's thermal and mechanical lab. He took them as a mere diversion, and frequently showed the mechanical "scullers" how to pluck the right result from the slide rule. Our excellent baseball schedule and splendid record are largely due to "Buck," our manager. Military is one of his hobbies, and being an excellent lieutenant of Company E he has the opportunity to put into practice all of his ideas with regard to the way a battle should be run. "Buck" is well liked throughout the Corps, because for one reason—he himself never grumbles, and he is always ready to help the other fellow. He deserves success, and we know it is coming to him. Here's luck to you, "Buck!"
PATT CLAUD HARMAN
Bramwell, W. Va.
Agriculture
"PATT"
Private, Company E; Corporal, Company D; Private, Company E; Vice-President, German Club; Auding's Hall Cats; Class Football, 1916; Class Basketball, 1914; Varsity Baseball, 1916-17.

"PATT" comes from West Virginia—mountaineer country; and sometimes will almost admit it. Beneath his strong, genial disposition is a wealth of common sense that will take him far on the road to success. You like him because everybody else likes him, and because you get that feeling that he's square and the right sort to call your friend. He is as popular with the ladies as his family will permit; and if he only had his heart in his work, instead of in West Virginia, he would make the "scribe" column. As it is, "PATT" distributes his time between studying Pinez-Hedbock, gumming, and starring in baseball; and yet, when exam time comes around, we find him right there with the goods. We are all proud of "PATT"—no Class has ever had anything like him; and Bramwell will surely have to wake up before she can produce another such.
JOHN D. HINKLE
Amelia, Va.
Electrical Engineering
“Duke”

Private, Company B; Corporal, Company B; Sergeant, Company B; Lieutenant, Company A; Secretary, Student Branch, American Institute of Electrical Engineers; Chairman, Student Branch, American Institute of Electrical Engineers; President, Notway Amelia Club.

Well, ladies and gentlemen, the dignified gentleman whose picture you see above is not the King of England, nor the Emperor of Germany, but simply “Duke.” When this noble personage first set foot on Texasland, he was one of the most humble rats in our Class. It was not very long, however, before the studious habits and military aspirations of this noble youth caused us to regard him as a “scribe,” and one of our future military authorities. The way he has mastered Barney’s “A. C.” is almost astonishing. We predict that he will be a great electrical engineer, and will some day make the “Kingdom of America” the electrical center of the world.
FRANK CAREY HOLTON
Danville, Va.
Agriculture
"FRANK"

Private, Company A; Corporal, Company A; Class Football, 1913-1915; Captain, Class Football, 1914; Baseball Squad, 1913; Sergeant-At-Arms, Pennsylvania Club; Secretary-Treasurer, German Club; Student Branch, American Society of Mechanical Engineers; Art Editor, "The Bugle."

"FRANK" hails from the brush, near Danville. From the very start of his college career, he proved himself a "scull" both in military and academic work; but the Colonel could never persuade him to hold a military office. One classmate is a favorite with the ladies, and we marvel that, with the limited time he can devote to his studies, he is able to pull down so many stars. We call his kind wonderful. "FRANK" is liked by all; his pleasing personality and general good make-up make him a universal favorite. A man who can "beat" J. S. A. and "Roque" need not fear for his future success; and we wish him all happiness in his climb upward.
HARRY PRESTON HUMPHRIES
Clifton Forge, Va.
Electrical Engineering
"DICKIE"

Private, Company C; Sergeant, Company C; Auding's Hall Cats;
Maury Literary Society; Vice-President, Sophomore Class; Vice-
President, Cotillion Club; Secretary and Treasurer, Cotillion Club;
Assistant Manager, Baseball; Student Branch, American Institute of
Electrical Engineers; Racket Club.

"DICK" arrived on the campus four years ago, with a smiling face
and a ready tongue—both of which he still retains. It is said that
he is the only living man that can get "Boosie" out. We understand
that he intends to go to Congress, as he has been holding "Special
sessions" to the V. M. C. A. lately; and also that he is interested in
the "missionary" movement. "DICK" is one of the most popular men
in the Class; and richly deserves this popularity, for he is always
willing to help, either mentally or manually—albeit greatly preferring
simply to give advice. His advice is usually good; for he is a level-
headed, far-seeing man, of sterling character. Farewell, "HARRY";
and may your future successes be as great as those you have earned
at Virginia Polytechnic Institute!
RICHARD GORDON HUTCHESON
Charlotte Courthouse, Va.
Agriculture
"DICK"

Private, Company A, 1914-15; Out of Military, 1915-16, 1916-17; Planters Club; Southside Virginia Club; Research Club; German Club; Sergeant-at-Arms, Mason Literary Society; Secretary, Mason Literary Society; Debater, Finals, 1915; Debater, Finals, 1916.

"RICHARD," better known as "DICK," entered college with a Freshman ticket and obtained his degree in three years. Whether this was done by hard, consistent work, or by means of "dills" with the Faculty, we can not say. "DICK" soon made a name for himself, by winning the Orator's Medal his first year. Since then he has kept up his good work in the Literary Societies, and this year is a member of the Virginia Polytechnic Institute debating team. His ability to make every minute count has caused many to marvel. Tim said he can milk cows one-fifth of the time, "rack" four-dills, and still have time to pass more subjects than the ordinary man is permitted to carry. We, and all the rest of the "callers," wish him every success in his future career.
PHILIP HURT INGHAM
Abingdon, Va.
Applied Chemistry
"Phil"
Private, Company D; Stomach Chemistry Club; Anding’s Hall Cats.

"PHIL" came to Virginia Polytechnic Institute in the fall of 1914, and entered as a Sophomore rat. His hard and conscientious work, he has succeeded in conquering the many difficulties in the path of a chemist. In doing this, he has proved himself to be nothing short of a “scribe”; and we predict for him in future like a career which will make even the German professor with astonishment at his chemical achievements. "PHIL," like many others of our Class, has fallen before the piercing arrow of our little friend Dan Culpe; and, if he doesn’t exercise great care, we are afraid he will soon have to look out for two instead of one.
GORDON EAL JOHNSON
Roanoke, Va.
Electrical Engineering
"KINKS"

Private, Band; Sergeant, Band; First Sergeant, Band; Lieutenant, Band; Private, Company E; Secretary, Manly Literary Society; Roanoke Club; Carillon Club; Chess Football; '44; Leader, Junior Senior; Leader, Senior Prom; Student Branch, American Institute of Electrical Engineers; Tech Minstrels.

We all have our first case of love—generally a boy-and-girl affair that passes as quickly as the days of that period. But now and then one of us falls so hard into that glorious trance that he is never able to lift himself, but remains forever under the spell of his first and last. And here we find "KINKS." He is studying electricity; but everyone has a hobby. His true field lies in making use of his natural gifts, for he is a born musician, and leaves behind him the reputation of being the best pianist that ever attended Virginia Polytechnic Institute. With this gift of music comes an attractive personality that wins him friends everywhere. Whatever his field in after-life, he has advantages that few men possess. Use them, "KINKS," and we'll hear of you again at the top of the ladder.
HENRY CARRINGTON JORDAN
Houston, Va.
Agriculture
"EAGLE"

Sophomore Rat; Private, Company A; Sergeant, Company A; Out of Military; Planters Club; Treasurer, Many Literary Society; Secretary, Many Literary Society; Associate Editor of "Tech."

"EAGLE" is undoubtedly a "scribe," as can well be seen from the number of "sills" he has with the Faculty. He entered school as Sophomore cat, and quickly won the above title; as well as a warm place in the hearts of all who know him; and there are few, indeed, who are not proud to have him as a friend. If you wish to know the story of how he received his nickname, call on any of the Company "A" bunch. It is an interesting story; but too long to relate here. "EAGLE" is unusually "Serby" in French, and has won for himself the honor of being licentiate in this subject; but it is hinted that even a Dutchman can stump him when it comes to speaking the language.
HARRY EDWARD KELLER
Bristol, Va.
Applied Chemistry
"HARRY"

Private, Company E; Corporal, Company E; First Sergeant, Company E; Captain, Company "H"; Class Basketball, 1915-16-17; Manager, Class Basketball, 1916; Chemistry Club; President, Senior Class; Treasurer, Y. M. C. A.; Captain, Class Football, 1916; Bristol Club; Associate Business Manager, "The Bugle."

Altho a Tennessean by birth, "HARRY" early decided to obtain his education in Virginia; and so we have him with us—the pride of our military department. Not only along educational lines, but also as a devotee at the shrine of Cupid did he prove a traitor to his native State; and every evening he can be seen crossing the State line in the "Border City." Railway on the doctrine of "Forest—that's Bristol," he worthily upheld the honored traditions of his native health, and none has worked harder for the advancement of old Virginia Polytechnic Institute. As a ranking captain, he has won highest honors in the classroom, he has proved a success; and on the athletic field, he has upheld the honor of his Class. May his career in after life be as brilliant and as successful as was his stay among us!
HAROLD AUGUSTUS KEMP
Frederick, Md.
Mechanical Engineering
"GUS"

Private, Company C; Corporal, Company D; Quartermaster Sergeant, Company D; Lieutenant, Company D; Lieutenant, Company C; American Society of Mechanical Engineers; Cattillon Club; Class Football, 1917-1918.

Maryland has representatives—not only in Congress, but also at Virginia Polytechnic Institute. Among these distinguished gentlemen is "GUS." Why he is not a Mormon is more than we can tell, but the fair sex seem to be a great attraction to "GUS." It is remarkable to see him show his friends picture after picture, and explain why each represents the "Queen of Queens." If he ever stops writing letters and taking pictures, he expects to be a mechanical engineer; although he sometimes says he wants to be an army officer. We are inclined to believe, however, that he would rather inherit a fortune, and continue his present occupation. Regardless of what has been said, all of us secretly believe that "GUS" will some day distinguish himself as a mechanical engineer.
GEORGE HENRY LATHAM
Rapidan, Va.
General Science
"CADET"

Private, Company F; Sergeant, Company F; Maury Literary Society; Anding's Hell Cats.

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Just why "LATHAM" should be designated by the name "CADET," we on this side of the battalion don’t know—maybe some of that “A” Division bunch can tell you. At one time in his career here, "CADET" wore two white bars above his elbow; and, according to our way of thinking, the military department should have added a third this year; but instead they retained that which he already had. "CADET'S" hobby is photography. He thinks nothing of staying up into the wee small hours, printing pictures. A consistent worker, close-headed, and with a cheerful disposition, he is certain to converse the moves in civil life which he has gained here as "CADET." We understand that he expects to retire to his farm, in Culpeper; and we know that the good wishes of the Class go with him.
ROGER NATHANIEL LEFEBRER
Newport News, Va.
Agriculture
Private, Company A; Out of Military, Hampton Roads Club; Planters Club.

"ROGER" came here in the fall of '13 and, after long acquaintance and intimate association with him, we have come to admire and respect him as a hard and persistent worker, a loyal and sympathetic friend, generous to a fault, and a man who stands for the best at Virginia Polytechnic Institute in everything. He is popular with his classmates, with the Faculty, and, in fact, with all with whom he comes in contact. Here's to you, "ROGER", and, if our recommendation carried any weight, we would give you a dandy one.
M. Edw. Le Sueur
Bristol, Va.
Electrical Engineering
"RIE"

Private, Company F; Student Branch, American Institute of Electrical Engineers; Class Football, 1925-26.

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It wasn't long before we all recognized that "RIE" was destined to become one of the foremost men in the electrical world. His insight into the mysteries of A. C. is such that we predict him in the near future as a close rival of Steinmetz. Because of his practice of hitting the "bay" not later than tattoo every night, "RIE" will enter the cold world with a large store of energy. His attitude toward military is to be commended; his policy is strictly self-defense, and as a result he has clung closely to his "old bowling-piece." He has also demonstrated that when his elastic ability is called into play his "trakas" are such as to cause a feeling of neutrality among pugilistic aspirants. Although not entirely impervious to the charms of the fair sex, there is nothing to stop him in the future pursuit of his work.
CHARLES LESTER LOGAN
Algoma, W. Va.
Electrical Engineering
"PAT"

Sophomore R.A.; Private, Company A; Color-Sergeant, Staff;
Lieutenant and Assistant Adjutant, Student Branch, American Institute
of Electrical Engineers; Rocket Club; Cadet Club; Football Squad, 1914-1915; Varsity Basketball, 1916-1917; Varsity Basketball, 1917-1918; Men's Union Club; Captain, Varsity Basketball, 1917.

PAT entered Virginia Polytechnic Institute as a Sophomore, but, having received the necessary preparation at Emory and Henry College, he settled down in D Division, and became prominent in athletics. He was a member of the varsity football squad the first term he was here, but not until basketball season did he shine in his true light as an athlete—his three years of stellar playing leading to the captaining of the team for his Senior year. During the baseball season, he played up to his regular standard, and makes catchers' arms look sore when by stray bangs. We predict for him success in whatever line he tackles. If you don't believe it, watch him.
Ford Kawood Lucas
East Radford, Va.
Agriculture
"Burliey"

Out of Military, 1912-1913. Private, Company F, 1913-1917; Track Squad, 1915-1917; Montgomery County Club; Tennis Club.

We know that "Burliey" hasn't a level head, because we saw it in his face at that time he had it shaved; but at any rate he has all kinds of common sense, which will come in handy in his future profession of agriculture. "Burliey's" most valuable asset is his "stick-to-inessence." Whether he is looking for Bolot's organic, training for track, or polishing the clinders, he goes at it with the determination to win or bust. "Burliey" did not enter the army until his Junior year, but the thought was a misbegotten, and the girl at the other end of Huckleberry, finally made him take the fatal step, and we are glad he did, for we have come to know him better, and to learn much by association with him.
HENRY YOST LYON
Greeneville, Tenn.
Electrical Engineering
"RINIE"

Private, Company C; Corporal, Company E; Sergeant, Company E; Lieutenant, Company E; Class Football, 1915-19-16; Class Basketball, 1914-15-16; Captain, Class Belle Hall, 1915-16-17; Track Squad; Assistant Manager, Tennis Team; Tennis Club; Men's Club; Student Branch, American Institute of Electrical Engineers; Y. M. C. A. Cabinet; Editor-in-Chief, "Tech"; Scholarship Council; Editor, "Y. M. C. A. Handbook."

He takes what comes, and never worries about the future. In his home town, Greeneville, Tenn., the folks all point him out as a modest young man, and one to be respected in every particular. But at school, alas, how changed! His excursions among the fair sex have given him a wide reputation, and his inability to see distant football games entitles him to a place in the Tech Hall of Fame. Straightforward and frank, but avoiding braggadocio, one finds him liked by both Pros and students. Of a happy disposition, unswervingly loyal to a friend, and generous to a fault, he is truly one of the best of fellows.
JOHN NEWTON MARTIN
Toano, Va.
Electrical Engineering
"Dean"

Sophomore Rat; Private, Company A; Sergeant, Company F; Lieutenant, Company F; Lee Literary Society; Student Branch, American Institute of Electrical Engineers.

Above we present to you the likeness of one of our comrades, "DEAN" MARTIN. Do not take him for the dean of the college, or of any particular department, for "DEAN" is just a name that his wise looks soon for him soon as he reached Virginia Polytechnic Institute. He entered as a Sophomore rat, and soon became known as a hard and diligent worker in the electrical field, which he had chosen as his future career. During his stay, he has explored many of its mysteries, his particular hobby being the Delta Shunt. We are inclined to believe that he anticipates the electrification of Toano some day. "DEAN," we wish you a brilliant future.
Gilbert Frazer Miles
Roanoke, Va.
Horticulture
"SALLY" "JACK"

Private, Company B; Platters Club; Roanoke Club; Anding's Hall Cate; Valedictorian for Class of 1917; Editor-in-Chief, "The Bugle," 1917.

The characteristics of the Class of 1917 show such a democratic homogeneity that an effort to point out its men in difficult. Living aloof on 4th C is a man who came to Virginia Polytechnic Institute as a Sophomore; first then came what for most went is the end of their intellectual development—he worked a year and a half. Returning to college, he proceeded as uncontentiously as before. Now when a student instructor in Chemistry was needed, the Department came for "SALLY." Despite an adverse precedent, none was surprised when, being in need of a student assistant in Bacteriology, "SALLY" was called. When the Senior Class needed a man of strong mind and practical ability, "SALLY" was elected Editor-in-Chief of the 1917 "Bugle" by a unanimous vote. He does not wear the gold braid; but, when in search for the Class's biggest man, may we point out the above facts, and refer you to the men who have known "SALLY" MILES?
GRANVILLE FULLER MINOR  
Coke, Va.  
Mechanical Engineering  
“SHAG”  

Private, Company B; Corporal, Company B; Sergeant, Company B;  
Cadet’s Hall Canteen; Treasurer, Lee Literary Society; Best Debater’s  
Award; Secretary, Lee Literary Society; Vice-President, Lee Literary  
Society; Sergeant-at-Arms, Junior Class; Secretary, Student Branch,  
American Society of Mechanical Engineers; Associate Editor, “The  
Bulge.”  

If you had chanced to drop in to “SHAG’S” room on 4th C, any  
night last year, you would have found him and “Guinea” Counselman  
“baiting” French for Cordura. Whatever “SHAG” undertakes, he  
accomplishes with that same perseverance and doggedness that carried  
him thru French, which he claims is the hardest subject in the  
mechanical engineering course. Quiet and unassuming, he has won  
the love and respect of his classmates and friends. No matter how  
heavy he may be, he has but one reply for those who ask his help—  
“Sure!” He has one fault, which we hesitate to mention—he is  
adicted to the telling of yarns about the Coke German Club,  
watermelons, and other equally exaggerated tales. Overlooking  
this defect, we can accurately describe him by the one word which  
implies so much—gentleman.
ARTHUR BLAKE MOORE
Buchanan, Va.
Agriculture
"RUSTY"

Private, Company F; Corporal, Company F; Quartermaster Sergeant, Company F; Lieutenant, Company F, Football Squad, 1917; Basket-Ball Squad, 1917; Vice-President, Sophomore Class; Planters Club; Varsity Football, 1913-14-15-16; Monogram Club; Secretary-Treasurer, West Virginia Club; Field Hockey, Stock Judging; Secretary, Corps; Class Basket-Ball, 1917; Secretary-Treasurer, Junior-senior German; Vice-President, Junior Class; Class Basket-Ball, 1917; President, Corps.

"RUSTY" is one of those men who are liked best by those who know them best. He is a general favorite with the whole Corps, and has made an excellent President of the Corps of Cadets for this session. "RUSTY" succeeds at whatever he undertakes. He is not only one of the best football players that has ever fought on Miles Field, but is a good student and a hard worker as well. He has chosen Agriculture as the field for his life work, and says he likes it better every day. If he is as successful at farming as he is at his studies, at football, and in his capacity as Corps president, "RUSTY" ought to make a mark for himself in the world.
JUNIUS TETZEAL MOORE
Charleston, W. Va.
Civil Engineering
"JUNE"
Private, Company C; Musician, Company C; Private, Band; West
Virginia Club, 1913-14; Nancy Literary Society; President Cannlon
Club; Audling’s Hall Gate; Photo Editor, “Bugs.”

Fresh from the sunny hills of West Virginia hailed this, freshest,
six-inch member of our Class. He came in with a noise, which did
not subside during his four-years’ stay. Being of a jovial and amuse
disposition, “JUNE” soon made friends of all with whom he came
in contact. “Never bother trouble, and trouble will never bother
you,” was his motto. Love affairs, changeable with the seasons,
were his hobby. Two years as a private, one as a fowler, and one
in the band, gives him a military record to be envied by the Kaiser.
The problems of civil engineering offered such small resistance, we
will find him elevated on a terrace of reinforced concrete, surveying
the entire United States—for a new girl.
GEORGE RAYMOND OWENs
Wytheville, Va.
Electrical Engineering
"TIGE"

Private, Company F; Corporal, Company F; First Sergeant, Company A; Captain, Company A; Student Branch, American Institute of Electrical Engineers; Secretary, Junior Class; Vice-President, Corps; Vice-President, Senior Class; Secretary-Treasurer, Rocket Club; Senior Officers' Club; V. M. C. A. Cabinet; Associate Editor, "The Bugle."

No, not a real tiger; nor a blind one; but an all-round good fellow. "TIGE" lives up to his name; however, in his rowing disposition—it being seldom that he is found in his room until after eleven o'clock for he is a three-raters' man, loving them all. He is thereby capable of handling the situation, whether it be a question of love or war. "TIGE" has a military figure, and a quick step; and it is with pride that we see him step from a cadet captaincy to a commissioned office in the army. We have the ability that Uncle Sam needs for his fighting men; and we wish him success in his military life.
BEVERLY SPOITSWOOD PARRISH
Richmond, Va.
Electrical Engineering
"REV"

Private, Company A; Corporal, Company A; Sergeant, Company B; Lieutenant, Company B; Tech Minstrels, 1915-16; Manager, Tech Minstrels, 1917; Student Branch, American Institute of Electrical Engineers; President, Richmond Club; Moregram Club; Class Basketball, 1912-13-14; Class Football, 1912-14-15-16; Track Team, 1913-16; Captain, Track Team, 1917.

"BEVERLY SPOITSWOOD PARRISH" is not the son of an English nobleman, but simply a Virginia Polytechnic Institute cadet. Like the famous governor of old, who crossed the Blue Ridge, and discovered the Valley of Virginia, he crossed the Blue Ridge, and discovered Virginia Polytechnic Institute, in the fall of 1912. His affinity for the Institute has grown so that he has remained with us three years, during which time we have learned to know him better, and to call him "REV." "REV" is very fond of athletics, and has won honors for himself as a Track man, and as Captain of the 1917 Track Team. As a professional man, we class him as an A's electrical engineer, and savoir that the profession will never lack a spokesman as long as "REV" lives.
GEORGE WALKER PATTeson
Manteo, Va.
Agriculture
“PAT”

Private, Company F; Sergeant, Company F; Executive Committee, 1916-17.

“PAT” is one of the biggest “strikers” in the Class; he fairly dates on Roy Jay’s geology, and pulls down stars easily when mine of us are praying for a little H. One of his greatest attributes is level head, with sound judgment. A student and a thinker by nature, he has won the respect of his constituents for the thoroughness with which he accomplishes his work. He is another of the deserters from the “army,” for at one time he wore the etlers of a sergeant over in F Company, but military honors apparently had no attraction for him. During his Senior year he was an assistant in Chemistry, and joined the Happy bunch “out of military.”
ROBERT MASELL PATTERTON, JR.
Blacksburg, Va.
Agriculture
"BOB" "PIT"

Out of Military; German Club; Masonic Literary Society; Blacksburg Club; Planters Club.

"BOB," a denizen of the "Plaza," is a mild, meek-looking "Senior Rat," whose chief fault is his habit of picking an ancient banjo and composing admirable verses. Added to this, he renders them (without being urged) in a semi-tet-harmonious voice. "PAT" is a graduate of St. Joseph's College, and is doing preliminary work for his M. S. in Agriculture. He will be a leader in his profession, for he applies a liberally trained mind, together with good common sense, to his problems. He is a bit of a philosopher, a nature lover, an inveterate hiker, a most enjoyable "gummer," and, above all, is "a jolly good fellow, which no one can deny."
JOHN BARRY PEIRCE
Washington, D. C.
Mechanical Engineering
"BARRY"
Private, Company C; Corporal, Company C; Fallen Angel, Company D; Musician, Company D; Assistant Churr Leader. 1911-16; German Club; Chairman, American Society of Mechanical Engineers.

A smiling countenance and a cheerful disposition are ever to be associated with "BARRY." The first years he spent with us were marked by great military aspirations, but it soon became evident that these lofty ambitions were being forgotten for the charms of something more enticing, namely: the fair sex. Judging from the many letters "BARRY" receives, and from the frequency of his trips to a nearby city, it would seem that his loftiest ambitions have been attained. A loyal friend, a height, honest chap, and a good worker—these traits mark "BARRY" as a success. In future years, we shall be proud to call "BARRY" our friend and classmate.
JOHN WILLIAM PONTON, JR.
Saxe, Va.
Agriculture
"CRAF"

Private, Company F; Out of Military; Orator's Medal; William and Mary Debate, 1914; Virginia Polytechnic Institute Debate, 1915; Sergeant-at-Arms, Maury Literary Society; Secretary, Maury Literary Society; Treasurer, Maury Literary Society; Vice-President, Maury Literary Society; President, Maury Literary Society; Sergeant-at-Arms, Sophomore Class; Southside Club.

Behold, ladies and gentlemen, the twentieth century Democriteus. "CRAF" is a practical fellow, and a diligent worker, albeit his work does not always conform to the college curriculum. His chief occupation is public speaking. He has held every office in the Maury Literary Society, from Junior to President, and is the chief spokesman on all occasions. "CRAF" is taking his B. S. in Agriculture; but we expect to hear of him running for the Legislature before long. Perhaps he expects to enact some laws for the benefit of the farmer. We are told that "CRAF" once had military aspirations, but later lost them. He did the impossible—got out of military.
JOHN HUGH Pritchard
London Bridge, Va.
Electrical Engineering
"GENERAL," "SAMMY"

Private, Band; Class Football, 1912-13; American Institute of
Electrical Engineers; Member, A. I. E. E.

"SAMMY" is one of the quiet members of our Class, but when
called upon to explain anything pertaining to electricity, he is always
ready with an answer. Considering some of the various complicated
conceptions he mastered while working in the D. C. laboratory, we wonder
why he was not nicknamed "TEDSON" instead of "SAMMY." From
all outward appearances, our dark-haired, brown-eyed hero has escaped
all of Cupid's darts aimed in his direction. But in the evenings, when
he takes his clarinet and softly plays a few strains of "I Love You
Truly," who can tell what tender emotions are stirring within his
manly breast?
CECIL BREGIE SHARP
Emporia, Va.
Electrical Engineering
"C. B." BREGIE

Sophomore Rail: Private, Company F; Private, Platoon; Electrical Sergeant, Staff; Student Branch, American Institute of Electrical Engineers.

"CECIL" is a good electrical engineer, the college electrician, and the man who makes the lights burn in the barracks and go out downtown. Draw no conclusions, for it is not yet settled; but they are coming along nicely, as the Captain of the Band is sure to note. "CECIL" is a good fellow, with much wit, and a knack for making and keeping friends. There are few men in our Class who have had more practical experience in their chosen field of work than he. "CECIL" expects to begin the practice of his profession in Toledo, Ohio, as we predict that this city will be the future electrical center of the world.
ALONZO MORTON STARNES
Slant, Va.

Agriculture

R. A., Emory and Henry College, 1917; Chapter Club; Lee Literary Society.

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Judging from its products, Emory and Henry must be a pretty good sort of place. "ALONZO" received his A. B. degree there, in 1917, but, hearing the call of "back to the land," he came here to study Agriculture. Also he has been here with us for only a year, he has already won his way to the hearts of his classmates, who have adopted him as a Nineteen-Seventeen man. He is a quiet, unassuming, good-natured, companionable, chap. Makes his classes and plenty to spare with apparent ease. He seems to be human, however, for he makes frequent excursions to Christiansburg—just why, we don't exactly know; but we could make a long guess.
SAMUEL MATTHEW TAYLOR
Lynchburg, Va.
Electrical Engineering

"CHARLIE"

Private, Company F; Corporal, Company F; First Sergeant, Company F; Captain, Company F; Vice President, Lynchburg Club; Student Branch, American Institute of Electrical Engineers.


"CHARLIE," as he is familiarly known, is one of the most popular men in college. As captain of "F" Company, he has won for himself the respect and loyalty of those under him, as well as that of the whole Corps. His steady rise in the military department has been accompanied by a corresponding one in the esteem of his fellow-students. "CHARLIE" is always friendly and cheerful; and, while he is not to be called the model of scholarship and good choir, he can always appreciate the serious side of things. Apparently he encounters no serious difficulties in his work here, for he masters his studies seemingly with ease. We predict that the same commendable qualities which have made "CHARLIE" so successful here, will ensure his success in the electrical world.
RALPH CLEON THOMAS
Grant, Va.
Agriculture
"TOMMIE"

Private, Company B; Corporal, Company B; Quartermaster Sergeant, Company H. Secretary, Senior Class; Recording Secretary, Y. M. C. A.; Vice-President, Literary Society; President, Manly Literary Society; President, Farmers Club.

"DR. THOMAS"—or, better, "TOMMIE"—a practical agriculturist from Southwest Virginia, is a worthy member of the Class of Nineteen Seventeen. For his first three years, "TOMMIE" was in military, and his military applications doomed him to first a corporal and then a quartermaster-sergeant. During this time, his never-failing cheerfulness and keen sense of justice made him a general favorite with his classmates and the faculty. At the beginning of his Junior year, he cast aside his first lieutenant for a position as the college quartermaster, where he does not drill and travels with a generous hand. We are confident that "TOMMIES" dislike for the toil and solitude of a city life will keep him "back to the farm."
ROBERT HENRY THOMASSON
Richmond, Va.
Electrical Engineering
"MINNIE"

Private, Company E; Corporal, Company B; Sergeant, Company A; Lieutenant, Company D; Treasurer, Richmond Club; Class Football, 1923; Manager Class Football, 1924; American Institute of Electrical Engineers; Senior Officers' Club; Secretary, "Bugle" Board.

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Gentle reader, look at his eyes, and therein discover the cause of "MINNIE'S" trials, troubles, and racket propensities. We hear on all sides, "O, I'm just wild about his eyes." "MINNIE" gets wise to it, and also proceeds to make arrangements with the J. S. A. for a "IV" on the next Thursday evening. Our dear little "ROBERT" didn't leave for the Christmas holidays until three days after exams, and came back four days too early; so you see she lives in Blacksburg. We have to see a good comedy and tune into us young; but here's wishing them happiness! "MINNIE" is an electrical engineer, when he is off duty downtown. He is an honor to the Class, and having him in it makes it brighter for all the rest. His chief hobby is military, and he has put it to good use by raising the standard of perfection in "D" Company.
Edward Gorsuch Todd
Fort Howard, Md.
Civil Engineering

Private, Company F; Corporal, Company F; Musician, Company F; Secretary, Lee Literary Society; Class Treasurer, 1913; President, German Club; Anding's Hell Cats; Football Squad, 1911-12.

This is one of the most dignified men in the Class. Quiet, and never expressing an opinion unless requested, he is popular with all his acquaintances. Todd is evidently a literary turn of mind, for all his spare minutes are spent at the library. He was at one time a bugler in F Company, but there was no love lost between him and the military department, as he deserted from the army, and joined the Birds of Paradise, with whom he seems well content. He has had considerable experience in his chosen profession of civil engineering, and this, combined with a well-trained mind, makes us confident in backing him as a sure winner.
WILLIAM IRVING TRUJT
Suffolk, Va.
Agriculture
"BULL"

Private, Company E; Planters Club; Class Football, 1913-16; Class Basketball, 1914-15-16; Anding's Hall Cats.

The smiling countenance of this distinguished individual from Suffolk appeared on the campus in the fall of 1913. His non-detachable grin has been the most noticeable feature in the entire make-up of this worthy member of the "Suffolk Boosters." He is an acknowledged "welder" in his classes, with his seldom confers to open a book. The shade of Napoleon need never fear being overshadowed by the laurels of his military glory; for he never allows himself to be troubled by the cares of science and tactics. He enjoys the proud distinction of having been a private in Company "E" for four years. "BULL" informs us that he intends to return to the farm. All we have to say is that, if he makes half as successful a farmer as his theoretical record leads us to expect, we need never fear a famine in Eastern Virginia.
CHAPMAN KEMPER VAUGH
Newport, Va.
Mechanical Engineering
"CHRIS" "CUPID"
Private, Company F; Private Band; Student Branch, American Society of Mechanical Engineers; Anding's Hell Cats; President, Giles County Club.

"CHRIS" came among us as a Sophomore rot, from Roanoke College. He began his career at Virginia Polytechnic Institute as a private in Company "F," but drilling did not appeal to him, therefore he sought and obtained a transfer to the Band. "CHRIS" comes from the mountaintop of Giles County, and incidentally has a mountain-like stature. He claims that it does not pay to "waste energy" by moving too rapidly, and accordingly he goes about everything steadily, but forcefully. He has a facility for straightening out knaps, that will surely lead him to success as a mechanical engineer. None but himself can be his equal.
DORSEY VIRGINIUS WILEY

Crozet, Va.
Agriculture

"D. V."

Private, Company E; Private, Company F; Albemarle County Club;
Platers Club; Arling's Bell Cane.

"DORSEY" is a specimen from Albemarle County; and a worthy one, too. With his long, slow stride, his keen wit, his good-natured smile, and his ability to mix, he is very popular. He has a clear head, and the happy faculty of thinking straight to the point; is a conscientious, painstaking worker; and with it all he is kind, loyal, and sympathetic. We consider him one of the biggest characters in our Class, for the simple reason that he's "all wood and a yard wide."

We have no fear of his not being successful in after life, for he is just the kind to succeed at anything he undertakes. Good luck to you, D. V.; and may the world learn to think as much of you as we do!
BERNARD PARK WILLIAMS
Culpeper, Va.
Agriiculture
"BULL"

Picture, Company F; Out of Thesis, 1912-13-14-15; Varsity Baseball, 1912-13-14-15; Football Squad, 1912-13; Manager, Freshman Football, 1912; Class Football, 1912-14; German Club; Delta Sigma Sigma.

"BULL" is one of those fellows who makes friends wherever he goes. He came here from Roanoke College, to study Agriculture. He has always been known as a leader of the "German," and a Beau Brummel with the ladies. "BULL" is not as unctuous as his name would imply; but, on the contrary, is ever ready to assist in time of trouble. He seems to be the first fellow to note the arrival of any visiting "calliope" on the campus, and when not found in his room it is an easy guess that he is chatting with some of the fair sex. We have never seen him angry, and his even temper and propensity for mending his own business are virtues we might all strive to acquire. We predict for him a bright future in his chosen line of endeavor.
NORMAN HILL WILLIAMS
Chase City, Va.
Agriculture

Private, Company A; Private, Company E; Private, Company B;
Lieutenant, Company H; Planters Club; Southside Virginia Club;
Assistant Manager, Track Team; Manager, Track Team; Member
Athletic Council; Local Editor of "Trib."
CLASS HISTORY, 1917

FRESHMAN YEAR

It has been said that "there is nothing new under the sun"; but when memory carries us back over the many pleasant months of college life, we will frequently be reminded of numerous experiences and events which seem new and unusual. However, we would not question the truth of this adage, for each of the three Classes that we found here upon our entrance has left us a record of their college days, and we find that their four years at Virginia Polytechnic Institute were crowded with events very similar to those which we are about to record as "new and unusual."

We arrived in Blacksburg one morning in the fall of 1913, loaded down with all the wisdom and dignity which the high-school graduate always carries along with him. Needless to say, both proved unnecessary baggage, for the Sophomores immediately classified the possessor of these qualities as green or fresh, or both, and proceeded from that day forth to express their resentment at every attempt on our part to add anything to their already practically complete store of worldly wisdom. This attitude seriously affected our dignity, and, since the consciousness of our "greenness" began to gradually take hold of us, we readily yielded to the training offered by the Sophomores, and became quite serviceable rats.

We soon learned, among other things, that altho we were allowed to hit our downy couches at the time that best suited our individual preferences, our instruction both as to the time and as to the manner of rising was totally wrong, and our tormentors, being of a practical turn of mind, proceeded to demonstrate, by frequent examples, the new and up-to-date method. This instruction, novel as it was, was not wholly enjoyable, and our conjectures anent the cause of it all, upon finding ourselves in the middle of the floor getting the full benefit of the cooling zephyrs from Brush Mountain, furnished amusement for many a midnight hazing party.

Our natural fears soon subsided, however, and we began to invite rather than to avoid the Sophomores' attention. This led to the belief that we were not sufficiently impressed by the authority of our new masters, and accordingly we were directed to prepare ourselves for the annual rat parade, which was to be held on the first Saturday afternoon of the session. We looked forward to the event with interest, for we had heard much of this peculiar institution, and were anxious to know the whole truth about it. When the time came, we were dressed in every variety of costume, from a barrel to the court dress of a Persian nobleman. The whole town turned out to see the wonderful sight, and after going thru the usual inspection, more than two hundred rats marched thru Blacksburg's streets yelling "hog," the new watchword wished on us by the Sophomores. It was perhaps the best parade that had been witnessed for many years, and was as thoroughly enjoyed by the Freshmen as by the spectators. Much to our relief, this event ended the initiation ceremonies; and as the novelty of hazing wore off we were allowed to turn our minds to matters of more importance, except at such times as our new friends deemed it expedient to administer a little chastisement for the "good of our souls."

Cheer-leader "Bower" Bowser early took us in hand, and we spent our afternoons in the bleachers learning the "Hokie" and the "Hullabaloo," and watching Coach Bocock whip the Techs into form for the many gridiron battles that were before them.
In the early seasons, it was noticed that the Techs had developed into a faster and harder playing aggregation than had been seen in many years. This came in the North Carolina game, and again, in the final game of the season, the Techs outdistanced the Orange and Maroon. They played the game with a sustained effort, as if toshow their superiority. Each had its kick goal, making it necessary for us to wait another year for the victory we coveted.

While we were enjoying the pleasures of home, the elements them-
myriads of pretty girls, and with its dances and military maneuvers, soon came, and we enjoyed the occasion to the fullest extent—not, however, without first taking the open-air treatment, which all Freshmen are required to undergo for at least one night.

We should not pass over the session of 1913-14 without taking note of four especially important events. Mr. J. D. Eggleston, formerly State Superintendent of Public Instruction, became president of the Institute in 1913. We have the honor, therefore, of being the first class to spend their entire four years under his administration. Due to the untiring efforts of Coach Bocock, the campaign for the $11,000 Field House was launched. During final week, the new Alumni Gateway was dedicated, and the cornerstone of the McBryde Building of Mechanic Arts was laid. These two gifts to Virginia Polytechnic Institute—the former from the Alumni, and the latter from the State of Virginia—are but the first evidences of the new interest which our Alumni and College officials are taking in beautifying her campus and in increasing her equipment.

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SOPHOMORE YEAR

After our short vacation of three months, we returned as Sophomores; and hardly had we alighted from the "Huckleberry" than a feeling of great responsibility settled heavily upon us. Another crop of Freshmen, whose verdant hue shone out as distinctly and as unpleasantly as our own had a year since, were on hand, and must be trained before they became incorrigible, and before their ways led them where no human hand could reach and administer the proper "antidote."

On paying our first visit to the Administration Building, we found Colonel Anding and three new assistants in possession of the Commandant's office. This new organization was destined to vastly improve the military standing of the school, and we found from the very first that the old and perhaps unnecessarily harsh discipline was replaced with one which, altho firm, was always inclined toward fairness and sympathy rather than toward unreasonable severity.

As usual, football was our chief concern. Our afternoons were spent in watching Coach Bocock and Captain Peake train a husky squad which gave promise of developing into a winning team. The early season games were easily won, and with high hopes we journeyed to Roanoke to witness the annual Washington and Lee contest. In the early part of the game, Virginia Polytechnic Institute appeared to easily have the advantage, and made the first touchdown of the day. In the latter part of the game, however, the Generals seemed to gain confidence and strength, for they made plunge after plunge down the field, carrying the ball over for the second touchdown of the game. After they kicked goal, there was no more scoring, and Washington and Lee was again the victor. This was disappointing to the Orange and Maroon supporters; but the fact that our team was hailed as the stronger eleven of the two, even in the face of defeat, and that the score was not a decisive one, gave us a bright side to look upon. The trainload of cadets that returned to Blacksburg showed no sign of feeling defeat, and it may be seriously doubted whether Washington and Lee took as much pride in their Generals as we did in our Gobblers, who had to be content with the small end of a 7-6 score. Much to our gratification, athletic relations were re-established with A. and M., and the first game was played in Roanoke. Dick Harvey, duplicating Winnie Legge's famous feat in the 1911 game, skilfully sent the ball between the posts for the only score of the game. Virginia Military Institute sent an unusually strong team to Roanoke, on Thanksgiving Day; and, as there was a tie to play off, we looked forward to the game with intense interest. The two teams

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battled for nearly an hour, and we were beginning to fear that we would have to content ourselves with another tie score. This state of affairs evidently didn’t suit Captain Peake, for he skillfully maneuvered his team into a position full in front of the goalposts, and, before the breathless grandstands realized what was going on, Jimmy Powell cleverly drop-kicked a 3-0 victory for his team.

After the dedication of the new Field House and Gymnasium, in January, the basket-ball team became the center of interest. Under the leadership of Captain Powell, the team soon struck its full stride, and gave promise of being a championship quint. A. and M., Trinity, and Virginia Military Institute were disposed of in a very creditable way; but the University of Virginia, who was included in our schedule for the first time in many years, was too much for us, and the Techs were defeated in the last game of the season.

In baseball and track, the seasons were most successful ones. Rarely ever can a baseball team go thru an entire schedule without losing a single game, yet records show that our team played twenty-one games, and that the big end of the score is on the Virginia Polytechnic Institute side of the ledger twenty-one times. Virginia Military Institute, A. and M., Trinity, and Washington and Lee each sent a team to Blacksburg hoping they could break our winning streak; but Coach Prince and Captain Bruce sent them the way of all the others. The championship was never in doubt—no team other than Virginia Polytechnic Institute claiming the honor. This phenomenal record was due in a great measure to the pitching of Bibb and Treacle, and the stickwork of Bruce. Incidentally, it may be remarked that Bibb worked in thirteen of the twenty-one games, and in only one instance was it necessary to relieve him. The track team’s record was in keeping with the records of the other teams—Captain Chinn leading his team to victory over Washington and Lee and A. and M., and to second place in the South Atlantic meet. At the close of the session, an athletic record of which we were justly proud lay behind us, giving old Virginia Polytechnic Institute another boost toward the athletic renown she is rapidly gaining.

The dread of final examinations now hovered over us, and athletics was forgotten for the time. These over, Finals came into its own; and the Sophomore Banquet, which to us was the most important event of that glad season, was conducted with all the ceremony befitting the occasion.

Half of our existence as a Class was thus ended, and we joyfully wended our way homeward, again putting aside for a brief time all thoughts of classes, tests, and examinations.

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JUNIOR YEAR

The Junior year is perhaps the most important one in the college man’s career; and, realizing this to some extent, we returned with firm resolutions to give more of our time and thought to the things which we had previously considered as unimportant, and to some extent unnecessary in the business of getting an education. That these resolutions were oftentimes forgotten is not denied, but our actions, to some extent at least, showed that our purpose in coming to college had at last dawned upon us. Going to class was not as yet looked upon as a pleasant means of spending an hour, but we did take more interest in that which was going on during that hour.

Athletics, however, had seemingly increased its hold upon us, and our visits to Miles Field were more frequent and lengthy than in the first two years. Munick, of Cornell fame, assisted Coach Bocock in his efforts to develop the forty-five men who
had reported to Captain Dixon for practice. An unusually hard schedule was before them, and nothing was left undone that would increase Virginia Polytechnic Institute's chances of establishing her supremacy in the East as firmly as her gridiron warriors had already established it at home. The first game, which was against Roanoke College, is considered noteworthy for the reason that the Techs experienced very little difficulty in piling up a 26-0 score against the same team that had held us to a tie score in 1914. Encouraged by the evident improvement on the part of our team, much of our anxiety over the battles with Washington and Lee, Cornell, and the Navy left us, and altho we did not hope to win all of them—especially the one with Cornell—our hopes for a small score at Ithaca experienced a decided boost. The other early-season games, which were with Randolph-Macon and Hampden-Sidney, were disposed of, and our team went to Annapolis, to engage with the midshipmen. That the team representing Virginia Polytechnic Institute was the stronger combination of the two, was apparent; and after experiencing the embarrassment of being held to a standstill for the first half, the Navy admitted it, too. Their playing during the next half was anything but football, and we are proud to point out that the Gobblers played straight, clean football, accepting a 20-0 defeat rather than use doubtful means of increasing their score. Most of the Varsity was completely crippled in this game, and we were forced to use second-team men against Cornell. Coach Bocock's team played an uphill game against the world's champions, and were glad to hold them to a 45-0 score. West Virginia's heavy eleven next tackled our scarred warriors. In a scrappy game, they earned a 19-0 victory. By Thanksgiving Day, Coach Bocock had repaired his machine sufficiently to present a strong team to Virginia Military Institute. The Cadets gave a fine exhibition of spirited playing, making the game interesting and exciting. The score, 27-9 in our favor, furnishes no indication of the relative strength of the two elevens. This ended the 1915 season; and, while some of the games were disappointing as to score, we swell with pride when we remember that every game was fought with that spirit and snap which is always so characteristic of Virginia Polytechnic Institute's football teams.

In basket-ball, Capt. Geo. Cocke led his team to victory over many of our rivals. Georgetown, North Carolina, and West Virginia each sent its team against our quint, but were forced to content themselves with the short end of the score. Virginia, however, repeated their performance of the year before, and defeated Virginia Polytechnic Institute, 30-14.

Under the leadership of Coach Breitenstein and Captain Bibb, the baseball team was successful, winning over Clemson, A. and M., and Virginia Military Institute. The Junior-Senior German, which we were privileged to attend for the first time, ushered in another Final Week. Commencement Day brought the usual round of addresses and lectures. We watched another Class receive their diplomas—this time with unusual interest; and we looked forward one year, and tried to picture ourselves—the rats of yesterday, but the Seniors of tomorrow—receiving a diploma!  

†

SENIOR YEAR

In the fall of 1915, we again journeyed to Blacksburg—not with the doubts and fears of the Freshman, nor yet with the overbearing superiority of the Sophomore, but with feelings of joy and pride that most of the race had been run, and that only nine short months separated us from the Commencement Day. It early dawned upon us that some of our dreams had not been true to life. The Senior's life is not the
one ceaseless round of gaiety that we had expected it to be; and we soon found that hard work lay immediately before us—harder examinations were promised us when we had gone a little farther on our way. After giving our Senior privileges a good trial, and after allowing the town to give us a thorough once-over while we were attired in our beloved Senior caps, and finding that the combination of caps and privileges was likely to prove a pleasant and useful one, we put these things aside for future reference, and settled down for the last lap of the race.

Many of our members had dropped by the wayside, leaving vacancies in our ranks that we were pained to notice. Yet the small minority of the two hundred who had matriculated at the start were able to overcome the handicap of numbers, and by persistence and loyalty to make the influence of our Class strong for a bigger and better Virginia Polytechnic Institute.

We found that Coach Bocock had resigned, leaving his post to Jack Ingersoll, of Dartmouth. With Ingersoll, new methods and new ideas came to Miles Field, and the process of developing the football team was more eagerly watched than ever before. An abundance of new material was on hand, and with the old men as a nucleus Coach Ingersoll soon developed a team that he could confidently send against any of our ancient rivals. Richmond College and Hampden-Sidney were played first, each taking away the short end of the score. The team representing the University of West Virginia was too much for us, however, and our Gobblers were forced to return without the victory for which they had fought so bravely. Due to the fact that Yale had piled up sixty-three points against Virginia, while the latter had to content herself with a single field-goal, the Orange and Maroon supporters were somewhat dubious and fearful as to the outcome when our team battled with old E11. But when the score—Yale, 19; Virginia Polytechnic Institute, 0—was flashed back to us from New Haven, there was joy in Blacksburg. The prospects for our winning the South Atlantic championship seemed bright, and Virginia Polytechnic Institute's old place of honor in Southern athletics seemed assured. The Corps journeyed to Norfolk to witness the A. and M. contest, and the things we saw that day only further confirmed our belief that Virginia Polytechnic Institute was destined to make the nineteen-sixteen season a notable one. A. and M. did not score a single point, while the Gobblers were amassing a total of forty. The University of North Carolina presented a strong team to Captain Caffee; but they were beaten by a 14-7 score. Virginia Military Institute also offered a strong resistance, and managed to score fourteen points while our team was scoring only twenty-three. We were proud of the nineteen-thirteen team; and to state that we are proud of this nineteen-sixteen team, which represents three years of hard work and consequent improvement, would mildly express our appreciation of the scrappiest bunch of gridiron warriors in the South today.

The Christmas holidays soon came and passed, ending another period of three months which, in the inevitable cycle of time, had drifted into the past. Our goal is now in sight; but he who would seize the prize feels the heavy hand of authority resting upon him, and he is cruelly reminded that much is yet to be done. Another six months, with its responsibilities, will elapse before we can receive the sheepskin from the hand of our alma mater.

Thus, most of our life as a Class is behind us. For four years have we watched Tech's faithful sons work with patience and love for her success and prosperity. Now that we are about to join them, we would ask for a double portion of that spirit which is so characteristic of a Virginia Polytechnic Institute man; and, entering the great school of life, would give our best efforts toward adding honor to the name of the alma mater we have learned to love and respect. Virginia Polytechnic Institute has made rapid strides since we began our college career; but we do not claim the credit for this. Much of this improvement was accomplished before we had hardly realized it, while we were yet sitting idly by as interested onlookers. Yet we do feel that the Class of Nineteen-Seventeen has not existed for four years without in some measure improving the atmosphere in which we have lived, and in which the succeeding Classes will necessarily begin their existence.
TWO-YEAR AGGIES
TWO-YEAR AGGIES

OFFICERS

E. R. Cooley ......................................................... President
H. B. Langslow ....................................................... Vice-President
W. W. Melvin .......................................................... Secretary
W. S. Nelson, Jr. ...................................................... Treasurer
M. C. Bradbury ....................................................... Sergeant-at-Arms

Sheppard Kellam Ames
Pungoteague, Va.
"FUNK" "FLINK"


Francis Joseph Bell
Pulaski, Va.
"ABERDEEN"


Everett Rudolph Cooley
Pipers Gap, Va.
"BRAINS" "PREXY"

Planters Club; Secretary, Planters Club, 1916-17; President, Two-Year Aggies, 1916-17.
HENRY GRADY COOLEY
Pipers Gap, Va.
"BACkSTER" "BUKER T"

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DAN EMERSON CUTLER
Norge, Va.
"DILLS" "RAY"


Planters Club.

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EARL TOURTELLOT EBERWINE
Deans, Va.
"EKE"


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JOHN ARTHUR HARDY
Blackstone, Va.

Company "C," 1915-17; Planters Club; Nottoway-Amelia Club; Class Football, 1915.

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CONKLIN CLARKE JACKSON
South Richmond, Va.
"CHIEF" "STONEWALL"


Company "F," 1915-17; Richmond Club; Tennis Club.
THOMAS CLARKE JENNINGS
Broadway, Va.
"CONNY"

Company, 1915-17; Shenandoah Valley Club; Planters Club; Baseball Squad, 1916-1917.

WALTER WILLIS MELVIN
Mount Vernon, N. Y.
"YANKEE" "DOODLE"

Cotillion Club; Planters Club; "Tech" Minstrels, 1917; Class Secretary; Class Football, 1915; Assistant Manager, Baseball, 1917.

CLAUSE SPENCER LEEF
Gratton, Va.
"LEE"

Planters Club.

HORACE B. LANGSLOW
Morrison, Va.
"SLOW"

Company "F," 1915-1917; Vice-President, Two-Year Aggies; Planters Club; Hampton Roads Club; Racket Club.

HUGH OTWAY MILLER
Lynchburg, Va.

Company "F," 1915-1917; Planters Club.
WILLIAM S. NELSON, JR.
Onancock, Va.
"SCHIEB"
Company "C," 1915-16;
Corporal, Company "C,"
1916-17; Planters Club;
Class Treasurer; President,
Eastern Shore Club; Base-
ball, 1916-1917.

WILLIAM MONTAGUE PAYNE
Staunton, Va.
"CORP"

GRACKEN PERKINS
Fort Defiance, Va.
"MOSE" "SLIM"

HARRY FRANK QUINLIN
Goshen, Va.
"DEAN"

WALLACE C. TINSLEY
Rapidan, Va.
"FLOPSY" "RACKSTER"

Company "D," 1915-16;
Planters Club.

Company "F," 1915-16;
Planters Club.
Miss Robinson
Sponsor

JUNIOR CLASS

OFFICERS

William Heiss Rohrbach  President
Frank Cleveland Ware  Secretary-Treasurer
William Brunell Sours  Sergeant-at-Arms
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<th>STUDENT</th>
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1917

MISS WILLIAMS
Sponsor

SOPHOMORE CLASS

OFFICERS

HARRY DOUGLAS RODEN ........................................... President
JAMES ROBERT GREGORY ........................................... Vice-President
FLEET BOND NEIGHBOURS ........................................ Secretary-Treasurer
HENRY BARKSDALE REDD ......................................... Sergeant-at-Arms
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FRESHMEN 1920

“The First Impression”
MIS NELSON
Sponsor

FRESHMAN CLASS

OFFICERS

ROBERT RODES NELSON...........................................President

JAY FRANK CLEMMER...........................................Vice-President

ROBERT MONROE CAFFEE.......................................Secretary

GEORGE FRIZELL PARRISH.....................................Treasurer
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BOOK III
MILITARY
BRIEF REVIEW OF MILITARY AT VIRGINIA POLYTECHNIC INSTITUTE

In 1872, the Virginia Legislature notified the Federal Government that the Old Dominion was ready to accept the appropriation of public lands for the endowment of a college. Thru the untiring efforts of Judge Walker R. Staples and others, of Southwest Virginia, the Preston and Olin Institute was made a Land Grant College, and the estate owned by Col. Robert Preston was purchased by the Government and given to the Institute.

When Congress passed the 1862 Act, authorizing the establishment of military schools, the principal object in view was the training of the youth of the State in the military profession, and their preparation to answer the call of their country in time of need. As years went by, however, those politicians and citizens less patriotically inclined than the framers of the Act of 1862 insisted on reducing the amount of military instruction to the minimum allowed, and claimed (erroneously, of course) that military instruction was a minor consideration.

The Military Department is presided over by the Professor of Military Science and Tactics, who is usually an active Commissioned Officer of the United States Army detailed for that purpose. This plan has been quite generally adhered to, and in only a few cases have civilians been in charge of the Military Department at Virginia Polytechnic Institute.

The new school was opened in 1872, with Dr. C. L. C. Minor as president, and Gen. James H. Lane, of North Carolina, a hero of Manassas, as first Commandant. General Lane was an able officer, and started the new institution on the right track as to the training in his department. He left, however, in 1880, and the position of Commandant was not filled again until 1885.

In July of this year, Lieut. John C. Gresham, Seventh Cavalry, United States Army, was detailed as Commandant, and regained what had been lost by the absence of a Commandant in the five preceding years. Preferring service in the field, he resigned in 1887, and was succeeded by Lieutenant Knight, of the Third United States Cavalry. Like all our other Virginia Commandants, he discharges the duties of his office efficiently and conscientiously.

After his resignation, in 1890, the following officers served as Commandants successively: Lieut. J. A. Harman, Seventh United States Cavalry; Lieut. D. C. Shanks, Eighteenth United States Infantry; Col. A. T. Finch; Col. J. S. A. Johnson (1900-1905); Capt. G. A. Jamerson, Twenty-Ninth United States Infantry (1906-1909); Capt. W. R. Dashiel, Twenty-Fourth United States Infantry (1909-1911); Lieut. J. F. Ware, United States Infantry (1911-1914); Capt. S. W. Anding, United States Infantry (1914-March 28, 1917); Capt. C. C. Carson, Coast Artillery Corps (March 28, 1917—).

The Military Department has come to be one of the regular departments in the curriculum, and a passing grade is as necessary for graduation in this department as in all others. To civilians who know nothing of military, such training may seem burdensome; but to the student seeking a well-rounded education it is highly essential, in the teaching of promptness, alertness, and obedience—not to mention its benefit in training the physical man.
OUR NEW COMMANDANT

COMMANDANT C. C. Carson, Captain United States Army, is one of the most modest men we have ever known; he refuses absolutely to talk about himself or his achievements. Possibly he takes the view that a man should be judged—not by what he has accomplished in the past, but by what he is now accomplishing. At any rate, it was only after numerous entreaties and great perseverance that The Bugle representative was able to wring from him the few meager biographical facts here given.

Captain Carson was born April 4, 1876, in Ohio; where, we take it, he received his early education. He entered the United States Military Academy, at West Point, and was graduated June 13, 1900. Receiving the regular appointment of second lieutenant, he was assigned to the Seventh United States Artillery, and sent to Boston, Mass.

On July 1, 1901, a little more than a year after his graduation, he was promoted to the rank of first lieutenant, and was stationed from then until 1904 at the School of Application for Cavalry and Field Artillery, Fort Riley, Kan. In the following year, he was made instructor in the School for Master Gunners, at Fortress Monroe, Va.

He received his captaincy July 25, 1907, and was detailed as recruiting officer in New York, where he remained a little over one year. Then, in rapid succession, he served at Knoxville, Tenn.; Columbus, Ohio; and Fortress Monroe, Va.—finally going to the Philippines for two years, in 1913. He was ordered back to the United States, in 1915; and was stationed at Old Point, Va. In 1916, he was graduated from the Coast Artillery School, at Fortress Monroe, Va.; and at the end of the year was detailed as Commandant of Cadets at Virginia Polytechnic Institute, relieving Capt. S. W. Anding on March 28, 1917.

While Captain Carson has been Commandant of Cadets for only a few days at the time this article is being written, he has already won the respect and admiration of the Corps for his manifest interest in the school and its welfare. Not for a long time has so much interest been taken in Military Science and Tactics. The idea that military training means one day's drudgery after another has been dispelled. This revived spirit may be due in part to the wave of patriotic enthusiasm which is sweeping the country because of our declaration of war with Germany, but it is due also in a great measure to Captain Carson's qualities as a leader and instructor, and to his ability to intensify interest in military.

He has made a most favorable impression on the students and faculty, which we doubt not will be emphasized as we come to know him better.
SENIOR OFFICERS

CAPTAINS
H. E. Keller, Company E
S. C. Detrick, Company B
G. W. Cocke, Staff
S. M. Taylor, Company F
G. E. Owens, Company A
J. H. East, Company C
A. H. Cox, Band
W. M. Ellingsworth, Company D
C. R. Moore, Captain, Battalion Quartermaster

FIRST LIEUTENANTS
W. C. Devin, Company E
R. H. Thomasson, Company D
H. L. Do bson, Company A
C. L. Logan, Staff

H. A. Kemp, Company C

SECOND LIEUTENANTS
J. D. Hindle, Company A
E. M. Banton, Company D
H. Y. Lyon, Company C

P. S. Campbell, Staff

B. E. Hagy, Company E
B. S. Parrish, Company B
A. B. Moore, Company F
E. B. Crabill, Company C

F. E. Brown, Company E
N. H. Williams, Company B
J. N. Martin, Company F
A. B. Moore
Lieutenant

J. N. Martin
Lieutenant

S. M. Taylor
Captain

MISS TAYLOR
Sponsor
Miss Cox
Sponsor

A. H. Cox
Captain

G. E. Johnson
Lieutenant
MUSICIANS

J. L. Eley, '16 ........................................... Chief Trumpeter
H. B. Aaron, '19 ................................. J. J. Cowan, '18
M. A. Apple '18 ................................. C. H. Drinkard, '17
J. H. Banks, '18 ................................. W. E. Dungan, '18
E. F. Byerly, '18 ................................. W. H. Ferguson, '19
S. E. Campbell, '19 ................................. R. F. Goodwin, '17
A. L. Jones, '18
C. W. Miller, '18
J. E. Opinsky, '18
A. Purcell, '18
S. B. Stebbins, '19
STAFF AND NON-COMMISSIONED STAFF

Cocke, G. W. - Captain and Adjutant
Moore, C. R. - Captain and Quartermaster
Logan, C. L. - First Lieutenant and Assistant Adjutant
Campbell, P. S. - Second Lieutenant and Assistant Quartermaster
Revell, R. M. - Sergeant-Major
Vaughan, J. A. - Color Sergeant
Akers, T. F. - Color Sergeant
Sharp, C. B. - Chief Electrician

COMPANY "A"

Owens, G. R. - Captain
Dodson, H. L. - First Lieutenant
Hindle, J. D. - Second Lieutenant
Turner, W. L. - First Sergeant

SERGEANTS

Howell, R. M.
Ricamore, P. W.
Southall, C. S.
McNair, J. W.

CORPORALS

Buchan, S. A.
Hicks, O. P.
Miller, V. H.
CHASE, C. C.

MUSICIANS

Apple, M. A.
Ferguson, W. H.
Opinsky, J. E.

PRIVATEs

Albert, J. G.
Ames, S. E.
Barnes, C. T.
Benner, J. B.
Brooks, P. C.
Caffee, G. E.
Caffee, R. M.
Carpenter, N. H.
Carter, J. E.
Chapman, J. F.
Dawson, A. G.
Digges, E. W.
Digges, T. G.
Fagg, D. K.

Tyler, G. C.
Wayland, G. B.

Fagg, R. L.
Fulwiler, J. T.
Harris, A. J.
Harris, C. G.
Hickerson, W. F.
Holmes, J. P.
Holt, J. F.
Huffard, C. H.
James, W. E.
Johnson, R. C. P.
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McGavock, G. P.
McNeil, G. E.
Martin, R. H.
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Pasley, S. L.
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Sewell, D. C.
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<td>Maurer, T. F.</td>
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<td>Novick, J. J.</td>
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<td>Umboltz, C. W.</td>
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<td>Washbell, G. E.</td>
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COMPANY "D"

ELLINGSWORTH, W. M.  
THOMASSON, R. H.  
BARTON, E. M.  
WILLIAMS, W. H.  

CAPTAIN  
FIRST LIEUTENANT  
SECOND LIEUTENANT  
FIRST SERGEANT

SERGEANTS

WARE, F. C. (Quartermaster)  
WIEGEL, C. H.  
RIXEY, J. W.  
DUNGAN, W. E.  

CORPORALS

CARR, J. A.  
NEIGHBOURS, F. R.  

RODEN, H. D.  
WHITMORE, C. E.

RODES, E.  

MUSICIANS

PRIVATE

ADAMSON, J. O.  
BASS, J. E.  
BUTTON, N. R.  
CAREY, G. H.  
CARPENTER, F. R.  
CHILTON, W. E.  
CLIFT, W.  
CURRIER, D. L.  
EDBERWINGE, E. T.  
EDWARDS, P. W.  
ENGLEBERG, A. J.  
FEREBBEY, E. C.  
FIZER, K. G.  
FRENCH, R. H.  
GARLETT, W. A.  
GARTH, J. W.  
HELM, A. T.  
HINES, R.  
HUTCHISON, L. L.  
INGRAM, P. H.  
WATKINS, W. S.  
JEFFREY, E. A.  
KELSTON, F. H.  
KENT, G. H. L.  
LINKOUS, G. H.  
LUCAS, C. C.  
McBRENNY, W. A.  
McNAIR, D. W.  
MARKEE, B.  
MAYNARD, W. G.  
MIDDLETON, H. M.  
WATKINS, W. W.

COMPANY "E"

KELLER, H. E.  
DEVIN, W. C.  
HAGY, R. E.  
ENGLEBRY, E. A.  
BROWN, F. E.  
TUGGLE, H. F.  

CAPTAIN  
FIRST LIEUTENANT  
SECOND LIEUTENANT  
FIRST SERGEANT

SERGEANTS

TIPPING, P. L. (Quartermaster)  
CASTLEMAN, J. B.  
STANLEY, R. W.  
FOOTE, J. B.  
COWAN, J. J.  

CORPORALS

FAIREY, A. W.  
REID, H. B.  

GREGORY, J. B.  
HARRIS, A. R.  
MINTER, F. E.

MUSICIANS

CAMPBELL, S. E.  

PRIVATE

ADAMS, E. P.  
ADAMS, T. A.  
BEALE, L.  
BEDINGER, S. D.  
BRADLEY, R. L.  
CAMPBELL, D. J.  
CLARK, J. T.  
COBBEY, H. C.  
COUNCILMAN, W. C.  
CROCKETT, P. S.  
DAVIS, J. G.  
EDWARDS, J. I.  
ELAM, R. K.  
FIELDS, G. E.  
FOOTE, J. A.  
FRITH, H. H.  
HART, E.  
HAYDON, P. S.  
HATTER, J. T.  
HITCHINS, L. M.  
HURT, G. C.  
HUSKE, C.  
INGLES, W. M.  
JETT, J. P.  
JEFFREY, J. W.  
LANCASTER, G. D.  
McCUE, R. F.  
MARSHALL, W. P.  
MIDDLESWART, W. H.  
MUSGRAVE, W. H.  
OLD, J. E.  
O'HARA, B. B.  
PETIT, A. G.  
PORTER, J. G.  
PORTER, J. P.  

SAMPSON, F. M.  
SLEEP, Y. L.  
STRADER, F. R.  
TRETTTONE, H. R.  
TRUE, W. L.  
WALKER, J. T.  
WARD, H.  
WILLEY, C. R.  
WOOD, J. L.  
WREN, L. O.  
YEAGER, E. P.
COMPANY "F"

TAYLOR, S. M.  
MOORE, A. B.  
MARTIN, J. N.  
DOUGLAS, V. Y.  

Captain  
First Lieutenant  
First Sergeant

HARRISON, A. C. (Quartermaster)  
SMITH, W. R.  
MERCER, R. W.  
RVERLEY, E. F.

SERGEANTS

PEPLE, G. A.  
WORTHAM, R. T.  
SOMERVILLE, G. S.  

CORPORALS

THOMPSON, J. R.  
LESTER, R. C.  
MILLER, M.  
BUTTON, W. R.

MUSICIANS

STEBBINS, S. R.

PRIVATES

AARON, A. A.  
ALBERT, R. J.  
ALLEN, J. J.

DIXON, W. B.  
DEUGGER, J. C.  
FARMER, L. W.

HARRIS, J. T.  
HARRISON, W. M.  
HENSON, F. T.

HILL, J. W.  
HUBBARD, D. S.

HUNT, R. S.  
HUTTON, R. S.

WARD, T. H.

JACKSON, C. C.  
KINCHLOE, J. M.  
KREGER, L. I.

LANCASTER, G. G.  
LANGSLOW, H. B.  
LATHAM, G. H.

LLOYD, M. E.  
LONEY, W. W.

LUCAS, F. K.  
McCONKEY, S. A.

MCCORMICK, H. O.

MATHews, W. M.  
MILLER, R. O.  
MYERS, E. A.

NELson, R. E.  
Pierce, W. N.

POWERS, J. T.

SAmsON, E. G.

ST. CLAIR, J. K.

ST. JOHN, W. G.

THOMAS, G. L.

TRAYLOR, E. L.

BAND

SCHAEFFER, J. S.  
COX, A. H.  

JOHNSON, G. E.  
WALLER, J. A. JR.  
HUMPHREYs, H. P.

TAYLOR, D. R.  

CORPORALS

GOOD, W. E.

PRIVATES

BRIGGS, L. O.  
CUTLER, D. E.  
ENGLEBY, L. H.  
HEART, J. E.

GAINES, L. M.  
GARDNER, M. E.  
GREEN, M. F.

KINZER, R. E.  
MADDUX, J. L.

MADDUX, W. P.  
MOORE, J. T.

PITTARD, G. E.  
PRITCHARD, H.

ROE, J. P.

SHARP, C. R.

SMITH, J.

VAUGHN, C. K.
GENERAL ATHLETIC ASSOCIATION

OFFICERS

J. S. CAFFEE
G. E. CAFFEE
H. B. REED
PROF. E. R. HODGSON
DR. C. M. NEWMAN
DR. J. E. WILLIAMS

President
Vice-President
Secretary
Treasurer
Faculty Member
Faculty Member

ATHLETIC COUNCIL

PROF. C. P. MILES Chairman
PROF. E. R. HODGSON Faculty Member
DR. J. E. WILLIAMS Faculty Member
DR. C. M. NEWMAN Secretary
J. S. CAFFEE Student Member
G. E. CAFFEE Student Member
H. B. REED Student Member
W. M. ELLINGSWORTH Football Representative
C. H. DRINKARD Basketball Representative
B. E. HAGY Baseball Representative
N. H. WILLIAMS Track Representative
H. Y. LYON "Tech" Representative
FOOTBALL

JOHN S. CAFFEE Captain
WALTON M. ELLINGSWORTH Manager
W. REID WILLIAMS Assistant Manager
GEORGE E. CAFFEE Assistant Manager
JACK E. INGERSOLL (Tartessou) Head Coach
HARLAN P. SANBORN Assistant Coach

VARIOUS OF NINETEEN-SIXTEEN

WILLIAM L. YOUNGER End
JAMES A. GREGORY End
LYSLE G. HALL Tackle
JOHN S. CAFFEE Tackle
ARTHUR P. MOORE Guard
HARRY T. PARRISH Guard
RUSSELL M. HOWELL Guard
ARTHUR B. MOORE Center
DOUGLAS G. LANCASTER Quarterback
EDWIN L. RODEN Quarterback
EDWARD K. PUNKHOUSE Halfback
LEONARD M. GAINES Halfback
ROBERT R. NELSON Halfback
FRANK A. ENGLEB Halfback
HENRY B. REDD Fullback

SUBSTITUTES

CLINTON T. BARNES
JAY F. CLEMMER
FRANK E. DALY
JAMES W. FARMER
TURNER A. GRAVES

FRANK A. GRAV
WILLIAM M. LYBROOK
GUY E. McNEIL
DONALD MACK
GEORGE F. PARRISH

DAN H. PRITCHARD
HARRY D. RODEN
GEORGE S. SOMERVILLE
LEW W. STRINGER
GEORGE E. TREADLE

FOOTBALL RECORD, NINETEEN-SIXTEEN

<table>
<thead>
<tr>
<th>Date</th>
<th>Opponents</th>
<th>Where Played</th>
<th>Result</th>
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<tr>
<td>September</td>
<td>V. P. I. Richmond College</td>
<td>Blacksburg</td>
<td>7-0</td>
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<tr>
<td>October</td>
<td>7- V. P. I. Hampton-Sidney</td>
<td>Blacksburg</td>
<td>10-0</td>
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<td>October</td>
<td>14- V. P. I. University of West Virginia</td>
<td>Charleston</td>
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<td>October</td>
<td>20- V. P. I. Yale University</td>
<td>New Haven</td>
<td>9-19</td>
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<td>October</td>
<td>26- V. P. I. A. and M. of North Carolina</td>
<td>Norfolk</td>
<td>40-0</td>
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<tr>
<td>November</td>
<td>4- V. P. I. University of North Carolina</td>
<td>Roanoke</td>
<td>7-14</td>
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<tr>
<td>November</td>
<td>11- V. P. I. Wake Forest</td>
<td>Blacksburg</td>
<td>52-0</td>
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<tr>
<td>November</td>
<td>18- V. P. I. Roanoke College</td>
<td>Blacksburg</td>
<td>41-0</td>
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<tr>
<td>November</td>
<td>25- V. P. I. Virginia Military Institute</td>
<td>Roanoke</td>
<td>23-14</td>
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Total                                             193-49
1917

THE WAR OF THE COLLEGES

EARLY in September, where in the past June pallid preparedness in its brass and tinsel had drilled and paraded in unindividualistic masses four hundred of Virginia's young sons, there stood a dozen men, the first arrivals of the new session's Corps, clad in service uniform of maroon and mole, crusty with the earth and blood of the past season of warring days. Veterans they were. Nine had been decorated in the nineteen-fifteen campaign. Every day the number of warriors grew. Now there were many of those men who are always necessary to make great fighting squads possible—the reserves, and there was a few men new to our fields, whose fame had come to us from foreign wars. When once again the bugles, beneath the colors, resounded back to old Brush Mountain's slopes, a full company of four-score men were wearing the grass off the parade ground with their shoulders, and toughening their thighs in charge and counter-charge. Hand grenades, forward passed with force and skill, shot thru the air. Fair-flying mortar shots were punted high and long. Then torpedoes, dropped between the pretended enemies' goal, cleared the charging ground; and now the rattled signals crackled with rifled precision—the football squad of Virginia Tech had begun its maneuvers.

THE HISTORY

The season is past. Its history can not be fully written, for the greatness of such a campaign lies in the memory of those who made it so; and it is only to stir the memory that this brief report is made.

The campaign was completed in nine battles. In seven of them, glad victory came to us. In the other two, we fought that we might learn; and with our courageous fighting won our enemies' regard, and helped to show the world that the game is the thing.

The beginning of the campaign was not in the earliest maneuvers. But as a fitting culmination of his four-years' active service to Virginia Polytechnic Institute, Capt. John S. Caffee's towering radiating energy expressed in his. "Come on, fellows, let's go from here," was the beginning and the continuing cause of the happy conclusion. And then to the Council would we ascribe appreciation for just and wise direction and selection of generals, managing quartermasters, and subalterns.

In J. E. Ingersoll, of Dartmouth, we secured from the East a gentleman we like to bring to the South, and an athletic commander under whom it was a delight to serve. By his initiative, and the co-operation of the Institute authorities, a trainer was secured, and "Doc" Frank Jones did his duty. As officer in charge, Ingersoll had the executive ability of using
the abilities of other available men, and the season of nineteen-sixteen should be marked as the beginning of great co-operation of all of Tech's athletic resources.

From the faculty came H. P. Sanborn, as aide-de-camp, who brought his Dartmouth and other experience to aid largely in the campaign. "Sallie" Miles, '06; "Hoss" Hodgson, '10, preserved the ancient Tech spirit and passed its mantle on to the young warriors with seasoned advice and expert instruction. Parson "Bob" Nelson and the Y. M. C. A. Secretary were on the gridiron almost every day, imparting their knowledge of the game to the scrubs, and encouraging them at all times. Clayton C. ("Hog") Campbell, '03; Thomas F. ("Prexie") Clemmer, '16; "Bubbles" Hodgson, '10; and "Winnie" Legge, veterans of other Gobbler drives, returned to the old battlefield, and must be awarded service stripes for another campaign.

TRENCH WARFARE—TWO EARLY BATTLES

On the last day of September, the Techs filed into their trenches for the first attack by an invading foe. The enemy was from Richmond College, where Commander had assembled a heavy front line defense. Adapting a strict defensive, the opponents were successful in holding the Gobblers to 13 to 0, and deserve much praise for their hard fighting. Many times the Orange and Maroon was forced to regain the same ground because of penalties. But, as trench after trench was passed, the Richmond defenders weakened, and Mack and Lancaster by slashing charges held the ground battered out on line rushes headed by Captain Caffe and Center "Rusty" Moore.

To love your enemy is no shibboleth, when Hampden-Sidney is the enemy. On October 7, "Our Own Charlie" Bernier sent his fighters to the opponent trenches. Despite their light front, they boldly resorted to flanking sallies, and throwing of hand grenades, but were successful in taking only one trench. The feature of the contest was the scoring of the final three points by Somerville. Using an aerial torpedo with studied skill, his shot fatally pierced the enemy's citadel.

THE MOUNTAIN FIGHT—OPEN STRATEGY—MORTAR SHOTS

With only two weeks in the trenches, the Techs took boldly to the mountains of West Virginia for experience in the new open warfare. We got the experience, at the hand of one Rodgers and the other members of the University of West Virginia brigade. The ability of the opponents to make rapid and successful change from the vicious charge to the hand grenade, caused Ed. Funkhouser, who was giving commands from quarter, to punt mortar shots. Bob Nelson came thru in this work, and established himself as the season's punter. Our greatest losses came in the absence of
offensive experience, and inability to cope with flanking and clever wing shifts. Myrtón Gaines, playing with a broken rib, put up a fighting offensive.

THE BATTLE OF THE BOWL

"Honor without victory" was the new phrase coined from the expedition sent to Yale, on October 20. The Bulldog was pleased to have such determined warriors as the Techs, and arranged for another contest in the coming season at once. The result is recorded in the figures nineteen to zero. But these do not tell of the clever offensive of Funkhouser, and the wonderful defense put up by Roden. These two were the smallest men among the invaders. There was not one penalty called against the Virginians; and twice in the second half they held, so that neither Legore nor Neville could pass.

TWO TARHEEL CONTESTS

With a full battalion behind them, our seasoned fighters, now with every form of contest experienced, entrained for the coast. At Norfolk, with the added inspiration of a great number of former Tech men, the Gobblers in their exulting strength crushed the weakened garrison from the State College of North Carolina. A score of forty to nothing is too large to make over our former close rivals, and we wait their recuperation.

So far, we are unable to find the veterans of any war who could recall a more powerful center drive than the University of North Carolina exhibited at Roanoke, November 4, against the conquering Techs. Of the five men in our front line who felt themselves being pushed back, back, and then braced, crouched low, and stopped the mighty drive, it is necessary to mention "Hooks" Moore, with Parrish beside him. The big fellow entered the contest with a bad knee, and after the danger was past, the game about won, there was no need to have him suffer any longer, and for the first time in his four years' service he was sent to the rear. The offensive work was largely done by Bob Nelson, with rapid charges. In driving back the North Carolina invaders with a score of 14 to 7, Virginia Polytechnic Institute filled a breach, and saved the State of Virginia from conquest by her sister State in the year of the weakness of the University, who are usually the conquerors of the Tarheels.

TWO CHURCH COLLEGE BATTLES

What might be called the return of the wars between the State and the Church, was waged in the invasions of Wake Forest and Roanoke Colleges. The units from these schools were no match for the nineteen-sixteen Techs. But, as is always the case with these churchmen, the referee's whistle was necessary to stop their courageous struggles. Wake Forest was defeated 52 to 0; and Roanoke withdrew with the score 46 to 0. Both games were played on home territory.
The Decisive Battle

Thru thronged city streets, out to the open fields, where for many years past the greatest of intrastate battles have been fought, two battalions of infantry passed. Gaining the field, each battalion maneuvered for position, and after exhibitions of the most excellent military skill, the forces of Virginia Polytechnic Institute took up their position on the western elevations overlooking the field, where the men, selected for their fitness after surviving a most strenuous season, would wage the final battle of the nineteen-sixteen campaign. The defiant troops of the Virginia Military Institute occupied the heights across the battle valley.

With a few preliminary rifle-crackling signals and sky-piercing mortar shots, the fight began. Retreating in good order, the Techs carefully felt out the drive of the enemy, and set the hearts of the reserves and watchers to beating with a quaver, which was suddenly and almost paralyzingly turned to joy, as long, sloping, eagle-eyed Polly Hall swung himself in the lead of a charge that captured points of vantage from the startled but still determined enemy. Finding this method effective, and relying upon that noble line to hold when holding was needed, and Captain-elect Gregory's destructive slaughter of the enemies' best plays, the Techs retreat again before courageous fighting which makes it no longer necessary for them to mention Newmarket to show the valor of the Virginia soldiers from Lexington. And when someone had erred, it was Younger who led the second glorious conquering charge.

Throwing strategy to the winds, and almost forgetting caution in failing to remember the teachings of former conflicts with the noble foe, the Techs began to slash their way to another scoring. Then, as mysterious as the mistake at Balaklava, a bungle resulted in the loss of half of the previous gain. Furious was the fighting now, and as hearts were about breaking on the observation heights, Virginia Military Institute craftily assumed the lead by one point. During the short truce, the warriors were refreshed, steadied, and exhorted by their commanding officer and a hastily gathered council of war.

Taking no chances, and relying on short charges, the Techs started out to win what they had really won and lost twice already. Redd was the battering ram that drove the never-fagging opponents from the field even after losing the coveted ground by penalties. And then, with every man of the eleven doing his work so well that the charge became the work of a tank, the solid charging of the ranks was relieved when Somerville added to his usefulness by dropping one of his torpedoes squarely over the enemy's last line of defense.

After a few skirmishes, all Techland began to celebrate Thanksgiving of nineteen-sixteen.
Two towers stood and flashed in the sun,
And crumpled the enemies' drives,
Like flying battalions flanking hard—
You ends; your speeding and drives.

caffee, John Staub, Norfolk. He came to us, and they called him "Mate"; but we made him skipper. It isn't slang to call him an old "Salt." Old John is real. He planned a great team, and produced it. Caffee was a triangular player—a heady motive power for the general season; a crafty, able captain; and a powerful tackle. Yes, they ran a few plays over him; but they always regretted it. Episcopal High has a fine coach for the coming fall.

Hall, Lytle Gregory, Charlottesville. Say, Polly don't play his tackle; he operates in that vicinity, through the contest. And he operates with a partner. It is only for the ignorant that we name his pard.

Gregory, James Atkins, Chase City. This pair of murderers, when it comes to football opponents, proceed like this.

Hackey (to the flem, including himself, when things get tight): Now I guess you'll fight.

Polly (to Hackey, in a calm tone): Hackey, take that tackle; mess him up; I am going down.

And then they switch; and in either case the "going down" meant the opponent was downed in his tracks. There are no better than this pair. Ask Walter Camp. Ask Virginia Military Institute.

Younger, William Lee, Lynchburg. Well, he is going to play two years more, and improve every day he plays. Because when the team is not working right, he wants to know, "What kind 'er club is this? Let's go, Gang." He is already All-Southern. But they say there are lots of possibilities to an end position—and they do get up an All-American team, don't they?
ELLINGSWORTH  NELSON  REED  GAINES

* * *

And now we speak of "Cabbage," who was king;
Of a Nelson just as fine as Parson Bob;
Then a bright and shrewd "Jim," that was Redd;
And of Gaines, who was always on the job.

ELLINGSWORTH, WALTON MARSHALL, Norfolk. In his various jobs as Manager, "Cabbage" wore many uniforms, as would be required lining the field or representing Tech before managing boards of other colleges; but two parts of his equipment he always carried. He always wore a cigar and a big smile. Here at home we had more equipment and care than any team before us; and on the road we had the best. Good luck, Manager!

NELSON, ROBERT RUGER, Roanoke. Honest, if we thought anybody's baby food could have anything to do with producing as much fast, strong, hard football ability as big, good-natured Bob Nelson carries around with him, we would serve the stuff instead of chocolate pudding. In his first year, this fine fellow has more than filled the great things expected of him; and his presence assures continued improvement in Virginia Polytechnic Institute backfields.

REED, HENRY BARKSDALE, Martinsville. One of the Roanoke newspapers, on the morning after Thanksgiving, proclaimed that Reed and SOMERVILLE had defeated Virginia Military Institute. Of course, "Puss" insists that he didn't do anything; but his battering in that and other games gave Virginia Polytechnic Institute one of the best fullbacks in the country.

GAINES, LEONARD MYRTON, Richmond. "Myrt's" slashing halfback work in the West Virginia and other games is a vindication that there is in Class football often the best material in college. Gaines was content with his baseball and other honors; but the Tech spirit needed him, and we are glad to see him get his letter.
If you but knew Howell this four did play;
Could count the plays that Parrish-ed in their way—
You'd chant with me such bright and happy lays,
And Moore and Moore we'd sing undying praise.

Parrish, Harry Temple, Bristol. "Sorrel," in his Sophomore year, has already mastered the first essential of a perfect lineman. It is very hard to gain ground over him. Confidently we predict his mastery of the second essential—aggressiveness, during the coming two seasons.

Howell, Russell Minor, Fincastle. "Hub" was the fourth man of the three center men in the line. He made his monogram filling the shoes of a veteran preparing to pass. Howell's long experience as a scrub is concluded; but the big boy will give Tech the ability thus acquired. He is All-Southern material.

Moore, Arthur Blake, Buchanan. Many linemen are worn out in their Senior year, but "Rusty" has played only three. Therefore, he leaves the line at the apex of his playing career. We shall remember him as an ever-anxious, accurate-passing, and almost-brutally-charging center. If the Chamberlain School boys, whom he goes to coach, get his spirit, their opponents will be "out of luck."

Moore, Arthur Penick, Ringold. We just have to get a bit personal about "Hooks," in this the last write-up of the "Old Horse." Several times we thought you were done; but you would just come back, and smile, and then that day, you know—that Harvard-coached Carolina drive. You were the fellow they shot at, and they hurt you, and you generated the defense that stopped them. That's right, smile and blush. We know you, and we love you.
Now I must sing of the little men, and it's well to line my lay,
If you could read their deeds, could you have seen them play,
You would sing them as noble men forever and a day.

Funkhouser, Edward Kramer, Harrisonburg. "Funk," through his four years,
was one of those men that the coaches did not have to worry about—except that he
played so hard and in such dangerous places that you would have thought he was
trying to commit suicide. His most brilliant game was against Yale; and the folks
at the big college may not get his name, but they will never forget the little bullet that
never failed to gain as he growled, "The bigger they are, the harder they fall."

Engleby, Frank Allison, Roanoke.
There's not a better name than the one you bear,
At Tech, where living is to do and dare.
You have made the Field House ring
With your basket shots a string;
And in football you have acted like a king.

Lancaster, George Douglas, Ashland.
Rosen, Edwin Lee, Jr., Richmond.

In presenting the two new members of the Quarter-Quartet, you can be sure that
the alphabet is one reason for putting "Doug" first. He and "Esou" played Alpha and
Gamma about the job. And for the next two years the possibilities of the position require
two men. Notice! Those who wish All-Southern quarterback positions for the next
two years are respectfully referred to the above-named gentlemen.
C. P. Miles
Graduate Manager

H. P. Sanborn
Assistant Coach
# BASKET-BALL

## OFFICERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. L. Logan</td>
<td>Captain</td>
</tr>
<tr>
<td>C. H. Drinkard</td>
<td>Manager</td>
</tr>
<tr>
<td>H. P. Sanborn</td>
<td>Coach</td>
</tr>
</tbody>
</table>

## TEAM

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. L. Logan</td>
<td>Right Forward</td>
</tr>
<tr>
<td>L. O. Wehrn</td>
<td>Left Forward</td>
</tr>
<tr>
<td>B. Cocke</td>
<td>Center and Left Forward</td>
</tr>
<tr>
<td>W. L. Younger</td>
<td>Right Guard</td>
</tr>
<tr>
<td>G. W. Cocke</td>
<td>Left Guard</td>
</tr>
<tr>
<td>W. G. Wharton</td>
<td>Center</td>
</tr>
</tbody>
</table>

## SUBSTITUTES

<table>
<thead>
<tr>
<th>Name</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>J. R. Benner</td>
<td>P. C. Brooks</td>
</tr>
<tr>
<td>C. H. Wiegel</td>
<td></td>
</tr>
</tbody>
</table>

## BASKET-BALL RECORD, 1917

<table>
<thead>
<tr>
<th>Varsity</th>
<th>Opponents</th>
<th>Where Played</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>V. P. I.</td>
<td>Daleville College</td>
<td>Blacksburg</td>
<td>53-9</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Hampden-Sidney</td>
<td>Blacksburg</td>
<td>38-11</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>William and Mary</td>
<td>Blacksburg</td>
<td>33-10</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Hampden-Sidney</td>
<td>Hampden-Sidney</td>
<td>29-14</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Lynchburg Y. M. C. A.</td>
<td>Lynchburg</td>
<td>37-16</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Church Hill Athletic Club</td>
<td>Blacksburg</td>
<td>54-8</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Randolph-Macon</td>
<td>Blacksburg</td>
<td>49-18</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Emory and Henry</td>
<td>Blacksburg</td>
<td>41-12</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Virginia Christian College</td>
<td>Blacksburg</td>
<td>50-2</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>West Virginia Wesleyan</td>
<td>Blacksburg</td>
<td>32-13</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>A. and M. of North Carolina</td>
<td>Raleigh</td>
<td>27-18</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>University of North Carolina</td>
<td>Chapel Hill</td>
<td>23-31</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Elon College</td>
<td>Elon</td>
<td>22-20</td>
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<tr>
<td>V. P. I.</td>
<td>Wake Forest</td>
<td>Wake Forest</td>
<td>24-26</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Roanoke Y. M. C. A.</td>
<td>Roanoke</td>
<td>53-28</td>
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<td>V. P. I.</td>
<td>University of Tennessee</td>
<td>Blacksburg</td>
<td>44-17</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Wake Forest</td>
<td>Blacksburg</td>
<td>31-12</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>University of North Carolina</td>
<td>Blacksburg</td>
<td>30-22</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>Virginia Military Institute</td>
<td>Lexington</td>
<td>37-22</td>
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</table>
RÉSUMÉ BASKET-BALL SEASON, 1917

Upon the closing of the football season of nineteen-sixteen, the attention of the Corps was immediately turned to basket-ball, without the usual delay preceding the Christmas holidays. This step was deemed advisable by the Coach, owing to the loss of a number of men of the previous year's squad, and by reason of the fact that Mr. Bocock, who had previously coached, was to be replaced by a newcomer in the person of Mr. Sanborn, of the Department of Modern Languages of this institution.

Coach Sanborn saw immediately the necessity of issuing an early call, for Powell, a captain of nineteen-fifteen, Painter, Krish, Creasy, and Moore, all members of the squad of nineteen-sixteen, were lost to the team from the start. And with the passing of Engleby, after he had sustained an injury during the football season, another big gap was left to be filled. So, in view of getting a careful line on all the material in college, the men were called out by classes on successive weeks previous to the Christmas holidays. Between fifty and sixty candidates reported for early work, but there seemed to be no Powells nor Englebys in the squad, tho many of the youngsters looked promising for future development.

With the advent of the new coach, a new system of training was taken up. A drill in calisthenics and abdominal exercises was chosen to keep the men as wiry and healthy as possible. This proved to be a great benefit, for the men never suffered from lack of conditioning; and once in the game they were never taken from it because of sickness or exhaustion—and in only one instance was a man taken out of the game injured. The season's record speaks well for the condition of the men.

Upon returning, after the Christmas holidays, it was found that two other valuable candidates had been lost to the squad, by reason of their inability to meet Class requirements. Others were found to be suffering from the effects of too much Christmas. With these handicaps, the outlook for the season was anything but encouraging, inasmuch as George Cocke, Ben Cocke, and Captain Logan were the only men in college on whom we could depend. But new faces appeared in the persons of Younger, formerly of Davidson College; Wharton, of Richmond; and Wrenn, of Lynchburg. With these men were chosen Benner, Brooks, and Wiegel, a member of last year's squad, to represent the Techs on the basket-ball court for the season of nineteen-seventeen.

Captain Logan, who had undergone an operation for appendicitis in the winter of nineteen-sixteen, returned to the game with more fire and dash than had accompanied his work in previous years. His generalship, passing, and all-round play predominated throughout the season. He proved to be a most excellent captain, and a most efficient leader.
G. Cocke, who had captained the team of nineteen-sixteen, returned to his old position at guard, where he remained throughout the season. His work was par-excellence, and stamped him as the finest guard playing in Southern colleges. He met no equal as a dribbler and down-the-floor guard.

B. Cocke, the handicapped at times by slight injuries, proved to be the Techs' most valuable man in many an important game. His dribbling and sensational long shots brought the galleries to their feet on many occasions. His work against Virginia Military Institute was nothing short of sensational.

Younger showed up as a first-class guard, and his work was considered by many to be equal to his predecessor's, tho of a different type. His cool nerve kept the Techs out of danger time and again.

Wrenn came to the front as one of the finest scoring forwards in the South. His side shots were always true and accurate. On the foul line, his accuracy was unerring.

Wharton would, no doubt, have participated in many more games had he not suffered from weak ankles in the early part of the season. He was always recognized as a most dependable man. The services of Brooks, Benner, and Wiegel were of the greatest help, for to them belongs the credit of furnishing such good practice sessions that the Tech quint became the most formidable in the South.

With a schedule of nineteen games confronting the squad, work began in earnest, following a preliminary game with Daleville College, in which the Techs were victorious—53 to 8. Following this clash, the training table was made up, and the Techs were in for the hardest two-months' drill that was ever undertaken by a basket-ball squad representing Virginia Polytechnic Institute. After contests with Hampden-Sidney and William and Mary, in which the Techs easily surpassed their adversaries, a trip was taken to Farmville and Lynchburg, for engagements with Hampden-Sidney and the strong Y. M. C. A. quint. The battle with the latter proved to be very thrilling, as the Techs were out to conquer the South's best independent club, and went into the game determined to win. The Lynchburgers proved to be no equal for the Techs, and went down to their only defeat of the season, and the first they had sustained on the home floor in five years. The Techs ran up ten straight victories, by taking into camp, in successive games, on the home floor, Church Hill, Randolph-Macon, Emory and Henry, Virginia Christian, and West Virginia Wesleyan. Following the most brilliant victory of the year, over the Methodists, the Techs started on their Carolina trip. In the first encounter, the Aggies were turned back, at Raleigh, by the score of 27 to
18. On the following day, the Techs sustained their first defeat of the season, at the hands of the University of North Carolina. This defeat may be charged to the conditions under which the game was played—methods not recognized today in the world of sport—and to an injury to B. Cocke, which necessitated his removal from the game. Elon College met defeat in the third game of the trip; but the Techs, weary and suffering from injuries sustained in previous encounters, lost by a two-point margin to Wake Forest, on the following night. Returning to Roanoke, the fast Roanoke Y. M. C. A. quint fell before the Techs on the last game of the trip. With three victories and two defeats, the Techs did better on the road than any other college team of the year.

Returning to the home floor, the Tech quint recovered their old dash, and tore thru the remainder of the season without defeat. The University of Tennessee, Wake Forest, and North Carolina were smothered without difficulty—the last two victories avenging setbacks at the hands of their opponents on the Southern trip. In the last contest of the season, Virginia Military Institute was met and routed on her own floor, by the score of 37 to 22.

Thus was brought to a close one of the most successful basket-ball seasons Virginia Polytechnic Institute has ever known. The record shows that the quintet won seventeen out of nineteen games, for a percentage of .895. The Techs defeated every team they played, and won a greater percentage away from home than any other team of the South. Captain Logan's team won decisively over the best that West Virginia, Tennessee, and North Carolina could produce. It also won from its time-honored rival—Virginia Military Institute, conquerors of Virginia and West Virginia. The Techs succeeded in piling up 719 points to their opponents' 309. This is believed to be a State record.

**RECORD OF PLAYERS**

<table>
<thead>
<tr>
<th>PLAYER</th>
<th>GAMES</th>
<th>FIELD GOALS</th>
<th>FOUL GOALS</th>
<th>POINTS</th>
</tr>
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<tbody>
<tr>
<td>Wrenn</td>
<td>18</td>
<td>76</td>
<td>34</td>
<td>206</td>
</tr>
<tr>
<td>Logan</td>
<td>19</td>
<td>79</td>
<td>0</td>
<td>158</td>
</tr>
<tr>
<td>Cocke, B.</td>
<td>19</td>
<td>75</td>
<td>0</td>
<td>150</td>
</tr>
<tr>
<td>Cocke, G. W.</td>
<td>19</td>
<td>53</td>
<td>9</td>
<td>115</td>
</tr>
<tr>
<td>Younger</td>
<td>18</td>
<td>9</td>
<td>0</td>
<td>18</td>
</tr>
<tr>
<td>Brooks</td>
<td>5</td>
<td>4</td>
<td>0</td>
<td>8</td>
</tr>
<tr>
<td>Wiegelm</td>
<td>5</td>
<td>4</td>
<td>0</td>
<td>8</td>
</tr>
</tbody>
</table>
1917

BASEBALL

L. M. Gaines
H. E. Hagy
W. G. Breitenstein

Captain
Manager
Coach

SQUAD

Gaines (Captain)

Hayter
Hudson
Matthews

Catchers
Jennings

Pitchers
Musgrave
Thomas
Thompson

First Base, Dean

Second Base, Younger

Third Base, Whitmore, Marve

Shortstop
Lancaster

Fielders
Left, Logan
Center, Bedinger, Old

Right, Harman

Base

RESULTS (To April 20)

<table>
<thead>
<tr>
<th>Team</th>
<th>Record</th>
</tr>
</thead>
<tbody>
<tr>
<td>V. P. I.</td>
<td>16 Haverford</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>11 Haverford</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>6 West Virginia Wesleyan</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>1 Randolph-Macon</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>3 Roanoke College</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>9 Eastern College</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>3 Roanoke College</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>10 Roanoke College</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>8 Hampden-Sidney</td>
</tr>
<tr>
<td>V. P. I.</td>
<td>8 Hampden-Sidney</td>
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</table>
RÉSUMÉ OF NINETEEN-SIXTEEN BASEBALL SEASON

The 1916 team was built around one great pitcher—the idea of the coach being so to work this man (Bibb) as to make him available as often as possible. Had Bibb intended to follow baseball as a career, this policy would not have been adopted; but his repeated assurances that he meant to give up the game at the close of the summer relieved any anxiety relative to the strain on his arm. A steady determination on the part of Catcher Gaines to work as often as possible—which meant in every game—held up that department; and Gouldman, Powell, and Dean were powers in the infield.

The absence of Second Baseeman Dixon, caused by sickness in his family, meant the loss of at least two games; and two more can be credited to one pitcher, whose wildness, and failure to field his position, gave Trinity and South Carolina first-inning leads that decided the contests almost at the start. One overwhelming defeat, at Clemson, is also to be charged against this man.

The victory over the North Carolina Aggies was probably appreciated more by the players than any other, as it meant the end of a run of eighteen straight victories for the Aggies. Virginia Military Institute was hardly as strong as Virginia Polytechnic Institute last year, and our victories were deserved; and the same applies to Elon and Roanoke College. Poor umpiring, at Greenville, S. C., made us work hard to win what would have otherwise been a very easy game. Hampden-Sidney, ably coached by "Charlie" Bernier, who takes charge of all branches of athletics at Virginia Polytechnic Institute for 1917-18, and well captained by Shortstop Thurman, held us to a defeat and a tie, and played us to a standstill.

As the percentage of victories gained would have won a pennant in almost any league, past or present, the season can certainly be considered successful; and the same percentage, if achieved by the 1917 team, will be, in the main, very satisfactory.

In practice, the team for 1917 looms up with a powerful infield, an experimental outfield of presumed steady hitting ability, a strong catching department, and a flock of green young pitchers. Some of the greatest judges of the game believe that the pitching is seventy-five per cent. of the team's strength; and this department may prove to be our weak point. Again, a young "phenom" may flash forth, and carry the burden with only slight assistance. This was the case with Bibb, a veteran in 1916 among the pitchers; and with Gaines, who performed behind the bat in every contest last year.

A tight defense, and a fairly strong offense, is generally considered as superior to a loose defense that depends on a few " sluggers" to win. The offense for the 1917 team will include a sharp base-running attack, for one of the surest ways to beat any opponent is to give him occasion for throwing the ball. As a general thing, when the Virginia Polytechnic Institute man, or men, on bases start to steal, their team-mate at bat will be hitting the ball. A few double plays will naturally result; but in the long run this style of offense, which keeps the opposing infield continually on the move, results in favorable returns. If the pitchers will only keep their courage, issue few passes, and make the opposition hit the ball, the team should win a generous percentage of the games.
WHO’S WHO IN BASEBALL FOR NINETEEN-SIXTEEN

ERNEST K. BIBB—Virginia Polytechnic Institute’s king of pitchers, carrying just as much courage as he weighed pounds, who loved to serve a curve or slow ball when his opponent was looking for a groover—a first-class gentleman, first-class student, and the main cog in the nineteen-sixteen baseball team.

L. MYRTON GAINES—Catcher and Captain-Elect for nineteen-seventeen. Game to a fault, aggressive, and a dangerous, long-driving batsman. Caught in every game on the schedule, delivered the goods, and deserves every honor conferred upon him. Virginia Polytechnic Institute will scarcely forget the battery of Bibb and Gaines.

“JIMMIE” POWELL—All-round athlete. Virginia Polytechnic Institute’s dependence in all branches of sport. Hard, free hitter; played fine shortfield, even with a weak arm; smart player in all departments; a gentleman, and a credit to his alma mater. Auf wiedersehen, Jimmie!

“SHORTY” GOULDMAN—Best third baseman in the South Atlantic Conference; never shirking a chance, and an almost total stranger to wild throws; good in all departments; a graduate, and a big loss.

“BOOTS” WILLIAMS—Fine natural hitter, great outfielder, fast and smart on the bases, there in the pinches in any game he took part in. A good boy, and a big loss to Virginia Polytechnic Institute when he decided not to return.

“LEFTY” DEAN—A hustling “regular” first baseman; could slug, or lay down a bunt. Fine young ball player, who will get even better with age; sincere, likeable, and sure to again play first in nineteen-seventeen if he returns.

FRANK WILLIAMS—Didn’t hit much, but most of his drives were timely; good outfielder, and a very clever base runner; very popular. Graduated, and deserves good luck.

“PAY” HARMAN—Outfielder; our young surprise party. A former catcher, he replaced a regular outfielder, did his work well, slugged his way into the hearts of the rooters, and into the 330 batting class. Intelligent, always trying and learning, fine personality. Due to repeat.

“CHARLIE” WHITMORE—“Charlie” and “Doc.” Utility man, who played brilliant ball every time he got a chance. Hard to pitch to, always on the bases, going after everything in sight in the field. A fine, earnest boy, who will get his chance and improve his opportunities. But why the “Doc”?

“TOM” THOMPSON—A promising lefthanded pitcher, of whom much was expected. Hurt in sliding, he spent weeks in the hospital, and had no chance to show his ability. Back for nineteen-seventeen, and a welcome addition to the pitching staff. We think he’ll be there with bells.
1917

TRACK
1917

TRACK SQUAD

* *

OFFICERS

B. S. Parrish ........................................... Captain
N. H. Williams .......................................... Manager
H. P. Sanborn ........................................... Coach

* * *

B. S. Parrish, Captain ............................ 100-yard Dash, 220-yard Hurdles, Broad Jump
L. G. Hall .............................................. 120-yard High Hurdles
G. A. Peple ............................................. High Jump
T. A. Grave ............................................. Shot Put
F. K. Lucas ............................................ 440-yard Dash, 880-yard Dash
C. I. W. Stone .......................................... 440-yard Dash
G. K. Linkous .......................................... One-Mile
J. A. Carr ............................................. 100-yard Dash, 220-yard Dash
W. G. Wharton ......................................... 880-yard Dash, One-Mile, Two-Mile
F. L. Topping .......................................... Discus, Javelin
W. M. Barbour ......................................... 100-yard Dash, 220-yard Dash
I. B. Wenger ........................................... 220-yard Dash, High Jump, Broad Jump, Javelin
W. M. Pierce ........................................... High Jump, 120-yard High Hurdles
W. M. Payne ........................................... 220-yard Dash, 220-yard Low Hurdles
J. R. Benner ........................................... 220-yard Dash, Pole Vault, Broad Jump
G. C. Tyler ............................................. Pole Vault
R. M. Tisinger .......................................... Pole Vault
J. G. Adamson ......................................... 220-yard Dash, 440-yard Dash
G. W. Cocke ........................................... Javelin
W. E. James ........................................... Shot Put
R. R. Nelson ........................................... Shot Put
TRACK SEASON, NINETEEN-SEVENTEEN

As this volume of The Bugle, 1917, goes to press, the United States is in the throes of one of the greatest struggles the world has ever known. Forced into the breach by the most inhuman acts ever perpetrated by a world power, the United States today has taken up the gauge of battle in the interests of humanity and freedom. To forever quash Prussian militarism, to bring to a successful culmination that which she has entered upon, and to bring peace to the world at large—that is her aim. To this end she is calling upon her sons and daughters to stand by the flag and all that it represents.

That Virginia Polytechnic Institute, one of the foremost military institutions in the country, should be called upon to play an important part in the titanic struggle is but natural. For this reason many of the activities of the institution have been greatly affected. That other institutions should be perplexed by the critical situation is to be expected. It is with grave apprehension that lovers of sport and its followers are looking ahead.

Because of the excitement incident to preparation for war, Tech athletics are in a most uncertain state of affairs. What promised to be an interesting year in track athletics has already dwindled to a mere glimmer. Of a well-planned schedule published at the beginning of the season, only two meets now remain; and it is highly probable that one of these will be canceled. Meets with Virginia Military Institute, A. and E., University of North Carolina; and the S. A. I. A. A. meet were to have been staged. The University of Tennessee and the Virginia Intercollegiate meets are all that remain.
Perhaps it is fortunate for the Techs that a no-more-prepossessing schedule is undertaken, for in the graduation of Chinn, Davenport, Bopp, Cottrell, and Benedict she has lost five stellar performers and sure point-winners. That Captain Parrish, Hall, Peple, and Lucas will show to advantage in the coming meets is not to be doubted. Newcomers, in the person of Wenger, Benner, Wharton, Barbour, and Tyler, will make names for themselves before many seasons have passed. G. Cocke, of basket-ball fame, has shown himself to be a man of much worth. Other performers of note are Carr, Topping, Graves, Payne, Pierce, Stone, Kirby, Oglesby, and Porter. From the aforementioned, it is hoped a team worthy of Virginia Polytechnic Institute will come to the front.
<table>
<thead>
<tr>
<th>EVENT</th>
<th>TIME</th>
<th>DATE</th>
<th>BY WHOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 yards</td>
<td>10 seconds</td>
<td>1911</td>
<td>J. E. Burke, '13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1915</td>
<td>I. N. Fuqua, '15</td>
</tr>
<tr>
<td>220 yards</td>
<td>22 seconds</td>
<td>1915</td>
<td>I. N. Fuqua, '15</td>
</tr>
<tr>
<td>440 yards</td>
<td>51 1/2 seconds</td>
<td>1916</td>
<td>B. Cottrell, '16</td>
</tr>
<tr>
<td>880 yards</td>
<td>2 minutes, 1 1/2 seconds</td>
<td>1912</td>
<td>H. B. Hughes, '13</td>
</tr>
<tr>
<td>Mile</td>
<td>4 minutes, 37 1/2 seconds</td>
<td>1915</td>
<td>H. A. Davenport, '16</td>
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<tr>
<td>Two Miles</td>
<td>9 minutes, 46 1/2 seconds</td>
<td>1916</td>
<td>A. Chinn, '15</td>
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<tr>
<td>120-Yard Hurdles</td>
<td>15 1/2 seconds</td>
<td>1912</td>
<td>W. R. Legge, '13</td>
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<tr>
<td>220-Yard Hurdles</td>
<td>26 seconds</td>
<td>1912</td>
<td>W. R. Legge, '13</td>
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<tr>
<td>Pole Vault</td>
<td>11 feet</td>
<td>1909</td>
<td>J. L. Luttrell, '09</td>
</tr>
<tr>
<td>High Jump</td>
<td>6 feet</td>
<td>1912</td>
<td>A. S. Turner, '13</td>
</tr>
<tr>
<td>Broad Jump</td>
<td>21 feet, 3 1/2 inches</td>
<td>1911</td>
<td>W. R. Legge, '13</td>
</tr>
<tr>
<td>Discus</td>
<td>123 feet, 4 inches</td>
<td>1916</td>
<td>H. J. Bopp, '16</td>
</tr>
<tr>
<td>Hammer</td>
<td>118 feet</td>
<td>1909</td>
<td>J. L. Luttrell, '09</td>
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<tr>
<td>Shot</td>
<td>37 feet</td>
<td>1916</td>
<td>L. C. Benedict, '16</td>
</tr>
</tbody>
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MEN WHO HAVE WON V. P.'S

FOOTBALL

1897


Mathews: B e r t . W e l l . P e t e r . H e r b e r t . J o h n s o n . B e l l . C o c k s . B a r n a r d .


1917

NINETEEN HUNDRED THIRTEEN
Manager: Lafe; Captain: Eddie; Coach: James; Secretary: Whatley; Treasurer: Bud; Registrar: Boyce; Base:al Carpenter.

NINETEEN HUNDRED FOUR
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED FIVE
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED SIX
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED SEVEN
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED EIGHT
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED NINE
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED TEN
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED ELEVEN
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED TWELVE
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED THIRTEEN
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.

NINETEEN HUNDRED FOURTEEN
Manager: Wight; Captain: Lewis; Coach: Charles; Secretary: Harry; Treasurer: Sam; Registrar: Fred; Base:al Carpenter.
NINETEEN HUNDRED FIFTEEN

Dixon, Captain; Coghill, Manager; Powell; Reid; Denny; Terry; English; Fuikhammer; Hall; Hubby; Cottrell; Gregory; Calfee; Parish; Rogers; Benedict; Tinkle; Moore, A. P.; Moore, A. B.; Henderson.

NINETEEN HUNDRED SIXTEEN—SOUTH ATLANTIC CHAMPIONS

Ellingsworth, Manager; Calfee; Captain; Moies, A. B.; Moore, A. P.; Younger; Parish; Hall; Gregory; Howell; Lancaster; Reid; English; Reid; Nelson; Gainer; Fuikhammer.

BASEBALL

NINETEEN HUNDRED ONE

Sample, Manager; Bueche, Captain; Miles; Williams; Ware; Carpenter; Hall; Longley; DeCamp; McCormick; Walsh; DaPrater; Jurr; Glenn.

NINETEEN HUNDRED TWO

Sample, Manager; Carpenter; Captain; Miles; Ware; Glenn; Hafford; Poindexter; Schafer; Freeman; Walsh; Campbell; Lilly; Howell.

NINETEEN HUNDRED THREE

Proctor, Manager; Miles; Captain; St. Claire; Schafer; Johnson; Carpenter; Poindexter; Rose; Tinsley; Walsh; Palmer; Neely; Freeman; Phillips; Butler.

NINETEEN HUNDRED FOUR

Walsh; Buech; Miles; Gibson; Neely; Fitzpatrick; Schafer; St. Claire; Rose; Lee.

NINETEEN HUNDRED FIVE

Lee; Gibson; Cooper; Shepherd; Harris; Harris; Steele; Chase; Squires; Kelly; Treadwell; Blyson; Merts; Ford.

NINETEEN HUNDRED SIX

Cooper; Fernstrom; Squires; Whitehurst; Powell; Lee; Darmon; Merts; Cox; Shepherd.

NINETEEN HUNDRED SEVEN

Lynes, Manager; Squires; Captain; Watkins; Day; Brown; Shepherd; Squires; Hafford; Osterholt; Day.

NINETEEN HUNDRED EIGHT

Hargrove; Hafford; Captain; Hughes; Lattwell; Noland; Smith; Parsons; Ventor; Stone; Westbaker.

NINETEEN HUNDRED NINE

Austin; Hodgson; Jones; Hunt; Ives; Lee; Kenner; Hicks; Hobbs; Fuqua.

NINETEEN HUNDRED TEN

Legge; Steele; Fuqua; Reader; Evans; Hunt; Strother; Hodgson; Kenner; Hobbs; Hodgson; Manager; Halfman; Hicks.

NINETEEN HUNDRED ELEVEN

Evans; Hodgson; Legge; W. R.; Legge; F. H.; Steele; Pick; Rose; Kenner; Bowers; Fuqua; Stuart; Cox; Lochart; Maxwell.
1917

NINETEEN HUNDRED TWELVE
Hodgson; Evans; Venter; Pick; Legge; Legge, F. H.; Captain; Stuart; Jones; Bruce; Steele;
Dean; Keeling.

NINETEEN HUNDRED THIRTEEN
Evans, Captain; Bibb; Moos; Pick; Venter; Bruce; Stuart; Legge; Jones; Powell; Parish;
Steele.

NINETEEN HUNDRED FOURTEEN
Bruce; Pick; Jones; Pick; Bibb; Goldman; St. Clair; Powell.

NINETEEN HUNDRED FIFTEEN
Bibb; Captain; Coffinburg; Gaines; Mason; Troukle; Dean; Logan; Powell; Goldman; Bruce,
Captain; Williams, R.; Williams; Manager.

NINETEEN HUNDRED SIXTEEN
Bibb; Captain; Gaines; Dean; Dixon; Powell; Harman; Goldman; Williams; Williams, F.;
Troukle.

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BASKET-BALL
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NINETEEN HUNDRED ELEVEN

NINETEEN HUNDRED TWELVE
Keeling, L. N.; Legge, F. H.; Legge, W. R.; Hughes, R. B.; McNew, C. H.; Steele, R. E.

NINETEEN HUNDRED THIRTEEN
Keeling, L. N.; Powell, J. F.; Beckner, M. C.; Hughes, H. B.; Legge, W. R.

NINETEEN HUNDRED FOURTEEN
Powell, J. F.; Fitzgerald, G.; Coker; Coffee, J. S.; Sandars, W.; Engleby, F. A.; Sanderson, J. M.

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NINETEEN HUNDRED ELEVEN

NINETEEN HUNDRED TWELVE
Cooper, F. C.; Livensay, E. A.; Legge, F. H.; Legge, W. R.; Bowler, R. T. E.; Hughes,

NINETEEN HUNDRED THIRTEEN
Bowler, R. E.; Legge, W. R.; Hughes, H. B.; Turner; Smith, W. E.; Terry; Fugua; Chien,
France; Gresen.

NINETEEN HUNDRED FOURTEEN
White, L.; Davenport; Legge, W. R.; Thawer, T. A.; Fugiua, F. N.; Gibba, J. N.; Chien, A.;
Wood, R. S.
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The Alumni Association has done a great deal for the Institute in the past. Let us still further increase its power for good by jumping in and "doing our bit." You love the school; work for it thru the Alumni Association; come back for Finals as often as possible, to revive the old Virginia Polytechnic spirit; keep in touch with the old boys thru The Bulletin, published quarterly, and distributed by the Alumni Association; send as many men here to school as possible. Once more—DON'T BE A DEAD ALUMNI.
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G. E. Caffee, '18 .......................................... W. E. Dungan, '18
P. S. Campbell, '17 ....................................... F. A. Engleby, '17
B. T. Cocke, '18 .......................................... F. C. Holton, '17
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H. Y. Lyon, Publications  J. A. Waller, Jr., Bible Study

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## OFFICERS

- **President**: J. S. Caffee
- **Secretary-Treasurer**: A. E. Moore

## MEMBERS

<table>
<thead>
<tr>
<th>J. S. Caffee</th>
<th>J. A. Gregory</th>
<th>R. R. Nelson</th>
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THE COTILLION CLUB

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J. H. East ............................................. Vice-President
G. E. Caffee .......................................... Second Vice-President
H. P. Humphries ........................................ Treasurer
L. M. Gaines ........................................... Leader

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Aaron, H. B.                             Gardner, M. E.                              Richardson, R. A.
Bell, F. J.                               Goodwin, R. F.                              Roden, E. L.
Brown, F. E.                              Herbert, V. D.                              Roden, H. D.
Caffee, G. E.                             Humphries, H. P.                            Rohrbach, W. H.
Caffee, J. S.                             Johnson, G. E.                              Rosenbaum, H. L.
Cole, L. M.                               Kemp, H. A.                                 Rowe, J. P.
Crabill, E. B.                            Lassiter, J. R.                              Smithson, E. S.
Deitrick, S. C.                           Logan, C. L.                                 Somers, E. H.
Drinkard, C. H.                           Marye, B.                                   St. Clair, H. L.
Dungan, W. E.                             Melvin, W. W.                               Stringer, L. W.
East, J. H.                               Moffett, J. G.                               Stumpf, J. P.
Eller, K. C.                              Moore, C. R.                                 Turpin, R. E.
Engleby, L. H.                            Moore, J. T.                                 Vaughn, J. A.
Fulwiler, J. T.                           Motley, W. F.                                Williams, W. R.
GERMAN CLUB

OFFICERS

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
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<tbody>
<tr>
<td>E. G. Todd</td>
<td>President</td>
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<tr>
<td>P. C. Harman</td>
<td>Vice-President</td>
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<td>C. A. Cutchins</td>
<td>Leader</td>
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<td>F. C. Holton</td>
<td>Secretary-Treasurer</td>
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MEMBERS

<table>
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<th>Name</th>
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<td>E. F. Adams</td>
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<td>B. P. Williams</td>
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HONORARY MEMBERS

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<tr>
<td>Prof. W. M. Brodie</td>
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<td>J. B. Fogleman</td>
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<td>Col. J. S. A. Johnson</td>
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<td>Prof. C. P. Miles</td>
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<td>James Otey</td>
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<td>Floyd Plank</td>
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<td>Prof. C. E. Vawter</td>
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<tr>
<td>Dr. J. E. Williams</td>
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</table>
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P. C. BROOKS

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W. O. BLEVINS, '20
B. T. COCKE, '18
G. W. COCKE, '17

MEMBERS
C. B. DAVIS, '20
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W. E. DUNGAN, '18
R. D. GODDEY, '20
B. E. HAGY, '17
H. E. KELLER, '17
G. F. PARRISH, '20
H. T. PARRISH, '19
C. W. UMHOLTZ, '20
J. L. WOOD, '20
F. B. WRIGHT, '20

HONORARY MEMBER
DR. C. M. NEWMAN

249
NORFOLK CLUB

JAMES ROBERTSON FORREST
HENLEY CAFFEE, R. M. MAYNARD CAFFEE, J. E. FARRER M'FARLANE DOBSON
JONES BANKS ELLINGSWORTH CARR FERRERE HERBERT

W. M. ELLINGSWORTH
G. E. CAFFEE
V. D. HERBERT
W. E. JAMES

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Sergeant-at-Arms

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J. S. CAFFEE, '17
R. M. CAFFEE, '20
J. A. CARR, '19
H. L. DOBSON, '17
W. M. ELLINGSWORTH, '17
R. J. ROBERTSON, '20
A. W. FABER, '19
L. C. FERRERE, '20
J. E. FORREST, '19
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R. W. GASKINS, '20
L. E. HENLEY, '18
V. D. HERBERT, '19
C. L. HUTCHINS, '20
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S. LASTING, '19
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W. G. MAYNARD, '20
H. L. PRIVOTT, '20
T. A. SMOOTHERS, '18

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PLANTERS CLUB

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A. G. SMITH, JR.  
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M. C. BRADBERRY  

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Moore, R. C.  

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FUGATE, A. P.  
Mustoe, J. A.  

Beattie, C. W.  
GLASSETT, F. S.  
Oglesby, S. B.  

BEDINGER, S. D.  
GODSEY, R. D.  
Patteson, G. W.  

BRADLEY, R. L.  
GRAY, F. A.  
Payne, W. M.  

BUCHANAN, S. A.  
GRUBB, E. W.  
Ponston, J. W.  

BUTTON, N. R.  
HARDY, J. A.  
Sadler, W. P.  

CALE, F. B.  
HARRIS, C. M.  
Scott, B. P. L.  

CAMPBELL, D. J.  
HARTMAN, H.  
Sheppard, H. J.  

CARter, J. B.  
HAYTER, J. T.  
Slep, V. I.  

CHASE, C. C.  
HITCHENS, L. M.  
Smith, E. W.  

COGGESHALL, H. E.  
JOHNSON, R. C. P.  

Connelly, L. B.  
Jones, J. C.  


Cooley, E. R.  
JORDAN, J. E. C.  

Cooley, H. G.  
LANGSLOW, H. B.  

Cox, S. M.  
LEFEVRE, R. N.  

Davis, J. G.  
McCLURE, J. N.  

DUFFEY, E. G.  
McCUE, R. F.  

Drinkard, C. H.  
McNAIR, J. W.  

Eberwine, E. T.  
MANN, T. A.  

Edwards, J. L.  
MARSHALL, W. P.  

Edwards, P. W.  
MIDDLETON, H. M.  

Elam, R. K.  
Miles, G. F.  

Fisher, C. K.  
MILLER, V. H.  

Foote, J. A.  
Wood, J. L.  

Woods, R. H.
HAMPTON ROADS CLUB

WIEGEL LEFEBRE LANGSLOW CHAPMAN WHITNEY ROHRBACH BARTON
DALY JEFFREY ENGLEBERG VAUGHAN LAKE

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W. H. ROHRBACH Vice-President
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E. A. JEFFREY Sergeant-at-Arms

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F. R. Beattie, '20
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F. R. Carpentier, '20
J. Ceravic, '20
W. E. Clift, '20
G. G. Coleman, '16
V. T. Douglas, '18
L. M. Gaines, '17
W. B. Goode, '19
R. F. Goodwin, '17
R. S. Gray, '16
C. C. Jackson, '19
G. G. Lancaster, '18
R. F. McCue, '20
B. Marve, '20
R. W. Mercer, '19
B. S. Parrish, '17
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H. D. Rosen, '19
W. P. Sadler, '20
W. R. Smith, '19
W. W. Smith, '19
C. S. Southall, '18
L. T. Southall, '20
L. W. Stang, '20
J. P. Stumpp, '20
G. S. Sydnor, '20
T. J. Taylor, '18
R. H. Thomasson, '17
S. D. Turner, '20
F. C. Ware, '18
T. D. Watkins, '20
W. G. Whitmore, '20
C. E. Whitmore, '19
W. R. Williams, '18
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MILLER HOLMES PORTER YOUNGER HARRIS WRENN OGLESBY TAYLOR CAMPBELL EVANS OWEN

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Sergeant-at-Arms

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S. B. OGLESBY, '20
J. O. PORTER, '19
D. R. TAYLOR, '19
S. M. TAYLOR, '17
R. E. TURPIN, '19
L. O. WRENN, '20
W. L. YOUNGER, '20

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NOTTOWAY-AMELIA CLUB

SHEPPARD EPEE SMITHSON HINDE HARDY HURT MASON
SOMERS, W. C. MADOUX, J. L. FERGUSON BIVILLE MADOUX, W. F. SOMERS, E. H.

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D. P. MASON, '20
RAPPAHANNOCK VALLEY CLUB

DAWSON CHASE BUCHAN GRAY FRENCH
ROWE CHICHESTER CHILTON GOULDMAN RIXEY

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D. M. Chichester, '19 R. H. French, '19 J. P. Rowe, '20
C. C. Gouldman, '20

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CAROLINA CLUB

OFFICERS

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J. B. Foote
J. L. Edwards, Jr.

President
Vice-President
Secretary-Treasurer

MEMBERS

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H. E. Coggeshall, '20
J. L. Edwards, Jr., '20
P. W. Edwards, '20
J. A. Foote, '19
J. B. Foote, '19
C. Huske, '20

G. H. L. Kent, '20
B. McIntosh, '18
M. Shackleford, '20

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R. E. Denny
Prof. S. R. Pritchard

Dr. E. A. Smythe
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BROWN CARY GRAVES JONES WAYLAND
DR. CHRISMAN REV. NELSON PROFESSOR JOHNSON APPLE CARPENTER
PROFESSOR JOHNSON PROFESSOR VAUVER

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J. D. Brown
M. A. Apple

President
Vice-President
Secretary-Treasurer

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J. D. Brown, '20
G. B. Wayland, '20
G. H. Carey, '20
D. J. Carpenter, '20
J. W. Garth, '18
T. A. Graves, '16
L. G. Hall, '19
A. L. Jones, '18
D. V. Wiley, '17

HONORARY MEMBERS

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J. M. Johnson
W. H. Rasche
J. S. A. Johnson
R. B. Nelson
C. E. Vaughter
EASTERN SHORE CLUB

Mears Underhill Scott Ames Guy Nelson

OFFICERS

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B. P. L. Scott Vice-President
S. K. Ames Secretary-Treasurer

MEMBERS

S. K. Ames, '19
R. H. Guy '20
E. W. Mears, '20
W. S. Nelson, '19
R. P. L. Scott, '20
C. F. Underhill, '20
GILES COUNTY CLUB

STRADER  HICKERSON  FARRIER  UNCLE BILL  VAUGHT  WOODS

Favorite Drink: Old Newport Rye and Corn

OFFICERS

C. K. VAUGHT  President
M. P. FARRIER, JR.  Secretary-Treasurer

MEMBERS

M. P. FARRIER, JR., '19  W. P. HICKERSON, '20  F. B. STRADER, '20
C. K. VAUGHT, '17  R. H. WOODS, '20

HONORARY MEMBER

"Uncle Bill"—That's All
Giles County, Virginia, where good people grow;
And back to Giles, "Uncle Bill" wants to go.

—"Uncle Bill"—That's All
BLACKSBURG CLUB

OFFICERS

W. C. KABRICH  President
C. H. PRITCHARD  Vice-President
J. K. WALL  Secretary-Treasurer
J. H. HARDWICK  Sergeant-at-Arms

MEMBERS

J. F. EHEART  D. H. HOGE  W. G. MATTHEWS
D. K. FAGG  W. C. KABRICH  C. H. PRITCHARD
R. L. FAGG  F. H. KRIESTER  R. C. RASCHER
M. E. GARDNER  A. H. LINKOUS  G. S. SLUSSER
J. H. HARDWICK  G. K. LINKOUS  J. I. SMITH
S. T. HELMS  W. M. LYBROOK  J. K. WALL
S. A. McCONKEY

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"BUGLE" ELECTION

Most Popular

Rusty Moore walked into first place early in the race, and held his own easily to the end. George Cocke takes second place.

Best Athlete

"Monk" Younger secures first place by an almost unanimous vote. His star performances in football, basketball, and baseball are evidently well appreciated by the Corps.

Best Senior Officer

The Corps ratifies the appointment of the ranking captain by the military department. Keller takes the blue ribbon easily, with Taylor and Ellingsworth running neck and neck for second place.
**Best First Sergeant**

As usual, this was a close race. Tuggle and Smithson seesawed for first place, the former winning by a neck. Neither candidate has as yet complied with the law requiring them to submit a report of their campaign expenses in reveilles, drills, etc.

**Best Corporal**

A big field, and a close race. "E" Company, after securing Best Senior Officer and Best First Sergeant, elected Stanley as Best Corporal. Buchan, of "A" Company, ran second.

**Freshest Rat**

The consensus of opinion seems to be that all rats are fresh in the superlative degree. The poll clerks were driven frantic by the long list of candidates. Kent finally took first place, with Peter St. Clair and Maynard tying for the red ribbon.
Most College-Spirited Cadet

Big John Caffee again obtains a majority. He works quietly, but his efforts are evidently appreciated. It is Virginia Polytechnic Institute first, last, and all the time with John.

Most College-Spirited Professor

Professor Miller polls his usual majority, with Dr. Newman running second. Custom will not permit us to comply with the request of certain cadets that we publish a list of the constituents of each candidate.

Wittiest

"Fox" Drinkard's inimitable antics and mirth-provoking tales give him first place in a walk. "Speedy" Epes runs second.
Most in Love

Take note of the stamps on the letters. The letters were actually received just before the snapshot was taken. Those who voted for the other candidates had evidently never heard "Gus" rave.

Most Practical

KEARSLEY, doing Senior evening work in his Junior year, takes first prize. FUNKHouser, guiding an enterprise in which practical ability is measured in dollars and cents, makes a good second.

Biggest Rascal

Senior privileges and C. Q. at ten o'clock gave the first two places to Seniors—"MINNIE" THOMASSON taking the blue, and "TIGE" OWENS the red ribbon.
Biggest Gunner

A vote was taken on this, merely to make the selection legal. "Lew’s" line puts him in first place easily. The "Texas Steer," from Virginia, also ran.

Most Military Private

Blane Carill's experience as a First Lieutenant stood him in good stead. He takes first place easily, with Frank Holton making a good second.

Most Unmilitary

"Peedy" Epes has evidently been drilling negatively for the honor. "Fox" Drinkard disgraces the Senior Class by taking a close second.
The Seniors seem to live up to their traditional dignity. Practically everyone casts his vote for a Senior, and Owens' choice is close behind. A look at the Freshmen Chases. Galette is the first choice, but Fossett is second place. But in the country today. Sharp knives. Recent groove. What did you do for your country? Whose are you? I didn't even vote in the election. Automatic shower vs. good. It's a taste of the home and where we don't want to go.
Yells
Songs

HOKIE
Hokie, hokie, hokie, li;
Techs, Techs, V. P. I.
Solar rex, Solar rah,
Polytechs, Virginia-s.
Rah, ri, V. P. I.!

HULLABALOO
Hullabaloo, genack, genack;
Hullabaloo, genack, genack;
Wah her, wah her!
Look at the man; look at the man;
Look at the Virginia Tech Man.

WE BUCK THE LINE
We buck the line, we do;
We buck the line, we do;
If the line is weak, we buck very well,
If the line is strong, we buck like hell,
We buck that line, we do.

RAE, RI
Rae, ri-ri;
Rah, rah-rah;
V. P. I., V. P. I.
Team, team, team.

ONE-A ZIP
One-a zip, two-a zip,
Zip-a, zip-a nan;
Blackburn, Blackburn,
Don't give a hokie, hokie, etc.

I DREAMED THAT OLD—WAS DEAD
Tune: My Bonnie Lies Over the Ocean
Last night as I lay on my pillow,
Last night as I lay on my bed,
Last night as I lay on my pillow,
I dreamed that Old—was dead.

(CHORUS)
I dreamed, I dreamed,
I dreamed that Old—was dead, was dead,
I dreamed, I dreamed, I dreamed that Old—
was dead.

PLAY BALL
Tune: Friendship March
Play ball, play ball,
Play today, fight away;
We are all with you,
Cheering to win today,
And we'll win or die.
"Tis our line
Watch us try
There is no team like old V. P. I.
Our team's in line,
Running fine all the time,
We are born players.
Eat, drink and sleep football,
And we'll win or bust.
Bite the dust,
Sure you must;
Give them big cheers for old V. P. I.

YOU OUGHT TO SEE THAT TEAM FROM BLACKSBURG
Tune: I Want to Be in Dixie
You ought to see, you ought to see,
You ought to see that team from Blacksburg;
When V. P. I. goes on the field,
V. M. I. is bound to yield.
We're going to win, we're going to win
When they ask us who will win today—
V. P. I. Rah—
That's the way we'll yell it.
We're going to wreck, we're going to wreck
That bench from V. M. I.
Government Inspection, April 17 and 18, 1917
FINANCIAL STATEMENT OF "THE BUGLE"

(For the benefit of certain ones who continually ask, "How is The Bugle coming out?")

+  

RECEIPTS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Sale of Invitations for Finals</td>
<td>$2,000.00</td>
</tr>
<tr>
<td>Hush Money, from various sources</td>
<td>575.15</td>
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<tr>
<td>Faculty Pork Barrel</td>
<td>$0.30</td>
</tr>
<tr>
<td>Personal Advertising (Fox, Crap, and others)</td>
<td>6.23</td>
</tr>
<tr>
<td>Advertisements</td>
<td>1,900.00</td>
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<td><strong>$4,481.68</strong></td>
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DISBURSEMENTS

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<tr>
<td>Stamps</td>
<td>$300.00</td>
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<tr>
<td>Securing Photos of B. of V. (Telegrams and Postage)</td>
<td>75.00</td>
</tr>
<tr>
<td>To Bugle Staff (treatment for nervous breakdowns)</td>
<td>600.00</td>
</tr>
<tr>
<td>Printing and Engraving</td>
<td>2,500.00</td>
</tr>
<tr>
<td>Legal Talent (defense against slander)</td>
<td>1,000.00</td>
</tr>
<tr>
<td>Lyrics, Cigars, Drinks, etc.</td>
<td>6.68</td>
</tr>
<tr>
<td></td>
<td><strong>$4,481.68</strong></td>
</tr>
</tbody>
</table>

++

HUMORISMS

Girl (as Fox slips his arm around her waist): Aren't you a military man, Mr. Drinkard?
Fox: Sure!
Girl: Well, then; open out to forty inches.

Sol Parrish has been teaching his dog to eat out of his hand. He ate a big piece out of it recently.

First Cadet: I hear you were well supplied with eggs on the naval cruise last summer. How did you get them?
Second Cadet: The ship lay to (two), and I got one.

It has been suggested that the reason they have oblong tables in the Mess Hall is because Growley Schultz is afraid someone will get a square meal.

Colonel Carson (Lecturing on the construction of field fortifications): What is the prime requisite of a good field fortification?
Voice from the back seat: A ready exit in the rear of your works.
Every old Virginia Polytechnic Institute man knows what this signifies; but, for the benefit of others, we will say that the Rats are having a class meeting. On such occasions, the Sophs think it necessary to air the hay of the Rodents—just why, we don't know; but they do it, anyway.

Last June there were over four hundred alumni back to visit the scenes of their cadethood. They pulled off a parade, just to show that they had not forgotten all their military. Unless the war interferes, there ought to be six hundred back this June.

Dumped, and a good one. Rare sport for the ever-important Sophs, and sore elbows and knees for the impertinent Rat.

The very essence of the military spirit is expressed by the attitude and dillyberry bearing of this worthy member of the most elite set in college—the Senior Privates.
This view should stir the memories of the Sick Call riders. Every morning Doc. Henderson visits the hospital, to listen to the complaints of the halt and the lame and the blind, recklessly administering his various colored pills.

Grit path. This is not a chain gang, as many would believe, but a specially honored set of men, who are given the rare privilege of exercising their muscles in our fresh mountain air for an hour or so every day, at 4.40 p.m.

A glance is sufficient to tell us that this is the room of some corporal dilling for a First Sergeant. A private would never be guilty of such a thing.

We believe in advertising a good thing. This will be a lasting memorial to cadets of the future of the hard-won victory of the nineteen-sixteen football team over the Tarheels.
In view of the apparent dissatisfaction of the Corps with regard to the food served in the Mess Hall, THE BUGLE went to the expense of having said food analyzed. The following composition was determined by Messrs. Keller, Ingham, and Brown, whose ability as chemists is unquestioned.

<table>
<thead>
<tr>
<th>Compound</th>
<th>Per Cent.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Bisulphid</td>
<td>14.02</td>
</tr>
<tr>
<td>Sulfuretted Hydrogen</td>
<td>9.05</td>
</tr>
<tr>
<td>Dibromophenylenediamine</td>
<td>8.85</td>
</tr>
<tr>
<td>Cinnamylidenemalonic acid</td>
<td>10.06</td>
</tr>
<tr>
<td>Benzalsulphoethylmalonic acid</td>
<td>9.99</td>
</tr>
<tr>
<td>Cinnamylidenacetophenone</td>
<td>6.99</td>
</tr>
<tr>
<td>Orthoparadibrombenzophenone</td>
<td>6.16</td>
</tr>
<tr>
<td>Dianilimodibromoorthobenzoquinone</td>
<td>8.73</td>
</tr>
<tr>
<td>Parabromorthocyanobenzene sulfonic</td>
<td>12.07</td>
</tr>
<tr>
<td>ether</td>
<td></td>
</tr>
<tr>
<td>Tetra bromortho benzoequinonemethyl</td>
<td></td>
</tr>
<tr>
<td>hemiacetal chloride</td>
<td>7.00</td>
</tr>
<tr>
<td>Substances unnamed</td>
<td>7.14</td>
</tr>
</tbody>
</table>

Total—per cent. 100.00
BLACKSBURG BOUND

We're on our way to Blacksburg,
Some several hundred strong;
We're going back to Techland,
To unite in yell and song—
To show the old Tech spirit
Is the watchword of our throng.

From sandy stretch of seashore,
Lonesome backwoods, and the plain;
From mine and foreign country;
From Mexico to Maine—
We're speeding to the meeting
In auto, boat, Ford, and train.

We've practiced on the "Hokie"
As we lay awake at night,
And looked thru many BUGLES
Just to get our classmates right;
Oh, we love our old Teckland
And we're longing for the sight.

And when we get there, just
Mingle with our multitude,
Let your welcome ring out true;
For Classes from young Nineteen-Sixteen
Back to aged Eighteen-Seventy-Two
Will join in fervent handshake,
And rejoice to see you, too.

For we're back at V. P. I.
'Midst the scenes we use to know,
And our footsteps lead us gaily,
With the friends of long ago,
Thru barracks and the campus,
As Cadets we used to go.

So we're hitting beaten pathways, for
Virginia Tech is calling,
And we're coming hundreds strong,
To keep the old fires burning
With a "Hokie" and a song;
And coming with a spirit
That would start a world along.

—R. J. McGregor
THE TECH SPIRIT

Surely surge of silent sea,
Slowly swelling with the storm,
Shattering tranquility;
Thus is mighty movement born.

Where repose was, now is heat
Fanned by phantom lands to flame,
Burning from its sodden seat
Lethargy, and ends such reign.

Sphinx-like, the dying embers
Yield a king of mighty worth,
Whose power soon dismembers
The stagnant souls by new birth.

Cadets, thus, in the Techland,
From their high-school ways set free,
Find their thoughtless habits banned;
To "TECH SPIRIT" find the key.

Marvelous movement of might,
Holding thy sons in its sway;
Virginia Tech! you taught us right,
"Do or die" is the only way.
THE EDITORS' LAST WORD

If there be any special reserved places in heaven, we hope they will be reserved for the Business Managers and Editors of College Annuals—they deserve it. When the Senior Class honored us by giving into our hands the publication of The Bugle for 1917, the Editor-in-Chief hastened to extend to us—not his congratulations, but his profound sympathy; and we have needed it.

As we put our shoulders to the task of publishing the book, our hearts were fired with an ambition to outdo our predecessors; but we soon found, however, that, beside the limitations of our meager ability, there were many other controlling factors, chief of which were lack of time and money. Days and nights of ceaseless toil have taught us many things, and we could, with our present experience, give much advice to Messrs. Miller and Waller, officers for The Nineteen-Eighteen Bugle.

Now that the last word is being written, we can review our innumerable mistakes and our shortcomings. It has always seemed a pity to us that every BUGLE is published by an entirely new and inexperienced set of men. We believe a plan could be worked out whereby at least half the staff would consist of men who had had experience in publishing the Annual for the previous year.

We realize that the book has many imperfections, for which we crave your indulgence. It may be that mistakes will appear, much as we have tried to avoid them. It appears at present that the Editor and the Business Manager will both be called to the military training camp at Fort Meyer, Va. If that be the case, the reading of the proof will devolve upon one who has as yet suffered none of the torments and agonies of the editorial chair. He may fail to notice errors which would be very apparent to those who have collected the material for the book; and we must ask your further indulgence in this particular.
We can not write "Finis" until we have thanked our classmates and the members of THE BUGLE staff for their hearty co-operation in the work, without which the Annual would have been impossible. We can not hope to thank all those who have extended a helping hand in time of need; but we appreciate each and every effort made by them, nevertheless. To Professors Johnson, Rasche, and Pritchard is due our appreciation of their work in preparing and censoring the manuscript. Capt. C. C. Carson gave us much help with the photographs in the Military section of the book. Mr. Denny, Coaches Breitenstein and Sanborn contributed articles for the Athletic department, for which we are duly grateful. To Miss Denny we wish to express our thanks for her advice and work with part of the drawings.

Mr. Sher, of the Bureau of Engraving, and Mr. Cates, of the Observer Printing House, have both aided materially by their advice and interest in the welfare of the book; and to them we extend our gratitude and appreciation.

It has been a pleasure to have served you, Classmates. Once more we request that you attribute the imperfections of the book to our own lack of ability, and not to lack of diligence. We herewith present to you the fruits of our labors. Have mercy!
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An' have it for a rainy day.
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An' talked him into it, by gum.
He couldn't pull the wool on me,
I'm jest as wise a guy as he.

What's that you say, Ez Jones dead?
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Well, by gum, that's too bad;
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Well, by gum, I always said
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