

# THE UNIVERSITY RECORD.

University of North Carolina.

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MONTHLY, FIFTY CENTS A YEAR.

OCTOBER, 1900.

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*I have an ideal for this University. My desire would have it a place where there is always a breath of freedom in the air; where a sound and various learning is taught heartily without sham or pretense; where the life and the teachings of Jesus furnish forth the ideal of right living and true manhood; where manners are gentle, and courtesies daily multiply between teacher and taught; where all classes and conditions and beliefs are welcome and men may rise, in earnest striving by the might of merit; where wealth is no prejudice and poverty no shame; where honorable labor, even rough labor of the hands, is glorified by high purpose and strenuous desire for the clearer air and the larger view; where there is a will to serve all high ends of a State struggling up out of ignorance into general power; where men are trained to observe closely, to imagine vividly, to reason accurately, and to have about them some humility and some toleration; where, finally, Truth, shining patiently like a star, bids us advance, and we will not turn aside.—Edwin A. Alderman.*

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## THE CARR BUILDING.

Lack of space prevented more than a brief mention in the last RECORD of the interesting exercises at Commencement connected with the presentation and acceptance of the Carr Building. The Building was presented by W. H. S. Burgwyn, '68, on behalf of the generous donor, Julian S. Carr, '64. It was accepted for the Trustees by R. H. Battle, '54. This handsome building has already been described in THE RECORD. Its prominent position just east of the Library makes it a conspicuous ornament to the campus. By means of it about eighty more students are accommodated in the University buildings. As these buildings, before this addition, held only about 200 of the more than 500 students it can readily be appreciated how helpful this splendid gift will prove.

## ALUMNI HALL.

This building stands roofed in and with the exterior work nearly complete. It is a very handsome building and is greatly needed by the University. It must be pressed to completion. About \$18,000 have already been put into it, and \$12,000 are necessary to make it ready for use.

When this building is completed, it will stand as a very beautiful memorial to the loyalty of the alumni. It is their gift and they can not expect any one else to finish it for them. There are not many alumni who can give large sums for this purpose. This building must be completed mainly through the contributions of the younger, poorer men who are able to give only a few dollars, but give that with a loyal love for their *alma mater*.

**THE UNIVERSITY OF TO-DAY.**

The limited space of THE RECORD permits the publication of mere extracts from Dr. Alderman's address, delivered at commencement. Every citizen of the State should read it as published in full in the June number of *The University Magazine*:

I believe that this University is the highest achievement of the best brain and impulses of the best people of all classes of the State of North Carolina. It is the child of civic virtue and democratic necessity and it has been forever true to its parentage. Four distinctive traits of institutional character mark its life.

1. Its freedom from academic aloofness. This University has managed to see from the first the relation of culture and training to social service, and it has touched and awakened the life about it in all of its concerns, in the factory, in war, in peace, at the forum, in the teacher's study. Of the United States Senators from this State, forty-four per cent went from this University; of the members of Congress, forty per cent; of the Governors of the State, fifty-eight per cent; of the Lieutenant Governors, fifty-nine per cent; of the Speakers of the House of Representatives fifty per cent; of the State officers, twenty-two per cent; of the Judges of the Superior Court, thirty-eight per cent; of the Judges of the Supreme Court, fifty-two per cent. And not only in public life but in the professions of teaching, of agriculture, of industrial and mechanical endeavor, while it is not possible to express its influence in percentages, it is true to say that the formative influences in each of these great departments of society have come from this institution. Forty per cent of the total enrollment of this University from 1825 to 1867 were in the Confederate army. The average enrollment of the New England colleges in the Federal army was twenty-three per cent

and of Yale University, the highest of them all, twenty-five per cent.

Since the re-opening of the institution in 1875 two thousand and eight hundred and ninety-six students have matriculated here; five hundred and sixty-two have graduated here and entered the various professions of life. There is no arithmetic that can calculate the good these men have done, or can estimate the loss to the State if this army of trained men had not been sent out into its life. Ninety-three per cent of these matriculates have come from this State and I dare say that there has been no new movement for good in which they have not been active from public schools to public roads. Fifty per cent of these matriculates have been the sons of men who themselves never knew the advantages of college training. Thus while old family stocks have been kept strong and fit, new material has been sent out to become the heads of cultured homes and to bear testimony to their communities. In such ways is developed the true aristocracy of republics—character enriched by learning.

2. The University has managed to accomplish greater results on smaller means than any American institution. Its income from the State to-day is twenty-five thousand dollars annually. Its income from all sources is forty-eight thousand dollars. Its faculty numbers thirty-five members. Its enrollment of students is five hundred and twelve. It maintains a continuous session and a summer school for teachers. It has opened its doors to women. Compare this with other Southern institutions and you will find that this is the smallest income with which such results are accomplished anywhere in this State or the Southern States.

3. The spirit of freedom and toleration and equality in its life. Three fourths of the students here are the sons of poor men, or are here

as the result of money borrowed or earned. All sects, parties and conditions meet and mingle here on an equal footing and love the place with an equal love. North Carolina owes much of the dignity and the freedom from rancor of its public life to the manly spirit of respect for motive engendered here.

4. The passionate but disorganized affection of its Alumni. I know of no place in which the genius loci exerts such wonderful influence as it does in this quiet village. The old alumnus thinks of Chapel Hill as Hastings did of his home and would like to die here. The middle-aged alumnus in the strife of life holds the place in his mind as he does the lighted lamp and the gentle faces gathered about his hearthstone. The young boy whose feet have just faded from its doors thinks of it as the sailor man upon the sea thinks of his home. The University of North Carolina is an honest, faithful force, deriving its inspiration not from traditions and records, but from the knowledge that it must have a hand in the forceful struggle for deeper wisdom and heightened power in all forms of life. Can we refuse to accord growth to such an institution without paying the cost in class hatred, in religious rancor, in town against country, in rich against poor, in agriculture against manufacture, in corporation against individual? The mere speculative contention that the State has no right to assist in increasing its directive power has no place in my mind in all this pleading. I deem that sentiment, as a deterrent force, as extinct as the mastodon. What is most to be feared is that stunting inheritance handed down to us from the grinding days of want and poverty which has accustomed us to the use of small means for great purposes. It may be seen in our treatment of the public school question, as well as in our treatment of the higher institutions. It is an inheritance, a geographical condition, and a habit of mind, not a perversity, and it must be shaken off, for the day of large

things is at hand. Whenever a true conception of what a real University is gets into the bone and marrow of North Carolina, this institution will have the finest chance in America to realize its ideals.

I believe that the educational policy of the State will be shaped for half a century within the next decade. It is true to say however that now it is atomistic and chaotic. There is no just correlation of the various elements. I believe the new Governor and the General Assembly would act wisely to appoint a commission to study and report in great detail on this great question before our educational policy hardens into law and becomes fixed for generations. Three great needs appear.

1. An appropriation from the State of fifty thousand dollars a year, as an investment in manhood and directive capacity.

2. A scientific, business-like organization of the Alumni demanding what is right and getting it, and opening their own purses for the good of "Alma Mater."

3. A broader and more effective scheme of administration.

The University has grown amazingly since 1875 as these gentlemen can see. In the last nine years the numbers have increased one hundred and fifty per cent, while its income has increased only twenty-five per cent. Its standards have been maintained and advanced. I have some natural pleasure in declaring that to-day it is at its high-water mark in numbers, equipment and income. This splendid achievement has been made through grinding economy, ceaseless toil, vigilant quick-eyed appreciation of popular needs. There has been no Olympian nonsense here. The University has kept its eyes on the people. It has poured its small income into daily instruction. It helped thousands to come here through loans and scholarships and self help. It has set the pace in the Southern States for large achievement on small in-

come. All that unselfishness and economy, all that devotion and saving, and turning of old clothes can do, has been done. The great need now is not to scrimp and save, but to get something to spend wisely for larger growth. Enthusiasm and faith will not equip laboratories nor build Universities. The State is too great and sagacious not to do right and the University is too worthy not to deserve right treatment. There is needed boldness but kindness of speech and an end forever to the apologetic manner. The State has a right to build up its University. The man that says it has not this right is speaking puny words against a spirit as strong as common sense, as solemn as the instinct of self-preservation and as resistless as the winds of nature. And it has the wealth to do it too. Wealth has come, and if this State, with its central position and breed of strong men, shall permit States to the north of it and States to the south of it to develop their institutions, while this higher strategic possibility, with its beauty, and its heroic past is left to starve in mediocrity and not turned into a great actuality with a splendid present, this neglect will be the saddest instance in the history of democratic countries of a failure to use a great God-given opportunity.

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#### GOVERNOR AYCOCK.

The University gives heartiest greeting to her son, Charles B. Aycock, and prays that his administration as Governor may be happy and prosperous. It would seem strange to have a Governor who was not a University man. Nearly two-thirds of those who have held that office have been alumni of this institution. One of them, Governor Vance, said: "The thing that has been of most benefit to me all my life is the fact that I was a student at the University of North Carolina."

#### THE CLASS OF 1900.

We give below the occupations of the class of 1900 as far as they have been reported.

Adams, S. J., Teaching, Raleigh.  
 Allison, T. T., Real Estate Business, Charlotte.  
 Anderson, Halcott, Teaching, Pensacola, Fla.  
 Asbury, J. J., Chemist, Birmingham, Ala.  
 Barwick, A. J., Prin. Graded School, Kinston.  
 Berkeley, A. R., Graduate Student, U. N. C.  
 Bernard, W. S., Librarian, U. N. C.  
 Branch, L. V., U. S. Geol. Survey, Chapel Hill.  
 Bryan, W. F., Teaching, Bingham School.  
 Byerly, T. J., Teaching.  
 Chadbourn, Geo., Studying Cotton Milling, Lowell, Mass.  
 Cheatham, T. A., Theological Student, N. Y.  
 Coffey, Geo. N., U. S. Dept. Agriculture.  
 Cowles, H. C., Medical Student, New York.  
 Curtis, N. C., U. S. Geol. Survey, Chapel Hill.  
 Davis, R. G. S., U. S. Geol. Survey, Washington, D. C.  
 Eley, P. H., Student, Harvard University.  
 Gant, J. E., Textile School, Lowell, Mass.  
 Graves, E., U. S. Geol. Survey, Chapel Hill.  
 Greening, J. W., Teaching, Ronda, N. C.  
 Harris, I. F., Graduate Student, U. N. C.  
 Hearn, W. E., Graduate Student, U. N. C.  
 Hinsdale, J. W., Law Student, U. N. C.  
 Hoell, Chas. F., Principal school, Beaufort.  
 Hollowell, F. W., Teaching.  
 Hume, T., Jr., Teaching, Horner's School.  
 Jarratt, A. H., Principal school, Mana.  
 Jones, Alice E., Teaching St. Mary's School.  
 Jones, T. W., Law Student, U. N. C.  
 Latham, M. L., Teaching, San Antonio, Tex.  
 Lewis, K. P., Cotton Mill, Durham.  
 Lockhart, J. A., Teaching, Wadesboro.  
 Massey, J. B., Theological Student, Rich'd, Va.  
 Miller, C. L., Business.  
 Moore, J. A., Business.  
 Neville, E. L., Teaching, Glenwood, N. C.  
 Parker, D. P., Prin. Stanhope School, Finch.  
 Reynolds, H. H., Teaching, Advance.  
 Rice, T. D., Assistant, U. N. C.  
 Rose, C. G., Teaching, Fayetteville.  
 Staley, Bessie.  
 Thompson, C. E., Law Student, U. N. C.  
 Ward, N. E., Teaching, Washington.  
 Watkins, F. B., Teaching, Rutherfordton.  
 Wharton, W. G., Cotton Mill, Central Falls.  
 Wilson, H. E. D., Ass't William and Mary College, Williamsburg, Va.  
 Woodard, Graham, Law Student, U. Va.



## NOTES.

THE RECORD will hereafter be published eight times a year, instead of quarterly. The price of subscription will not be increased.

Col. Thos. S. Kenan, A.B., 1857, has been re-elected Clerk of the Supreme Court for the third term of eight years.

At the August election, J. Bryan Grimes, '85, was elected Secretary of State, and S. L. Patterson, '68, Commissioner of Agriculture.

Dr. Thomas Ruffin, Assistant Professor of Law, was a student at this University, 1891-'93, and again in 1898; in 1896, he took the degree of B.L., at Georgetown University; M.L., *ibid*, in 1897; and D.C.L. at Columbian University, 1900.

Dr. Alvin Sawyer Wheeler, Assistant Professor of Chemistry, received the degree of A.B. from Beloit College, 1890; A.M. Harvard University, 1897; Ph.D. *ibid* 1900.

Mr. J. E. Mills, A.B. Davidson College, 1896, A.M. 1900, and who took a graduate course in the University last year, has been appointed Assistant in Chemistry.

Mr. W. S. Bernard, A.B., U. N. C., 1900. has been appointed Librarian.

Mr. R. E. Coker, B.S. '96, M.S. '97, served during the past summer on the U. S. Fish Commission, as a special assistant attached to the Beaufort laboratory. Mr. Coker was engaged in investigations on the life histories of fish and crustacea.

The Zeta Psi Fraternity expect shortly to replace their hall by a handsome one. The Sigma Nu Fraternity has purchased a lot and is also looking forward to building.

The infirmary has been twice thoroughly disinfected with formaldehyde gas, the walls and woodwork carefully cleaned and washed with

mercuric chloride. The building, after its thorough airing, is in excellent condition for the sick.

The students of the University have started a movement, which, it is hoped, will result in the building of a large swimming pool to be located adjoining the athletic field.

The new athletic field was in readiness for the first football game of the season. The field is conveniently located and has been leveled. In time, when well turfed, it will doubtless be the handsomest athletic field in the South.

The officers of the Elisha Mitchell Scientific Society for this session are: President, Prof. R. H. Whitehead; Vice-President, Prof. E. V. Howell; Permanent Secretary, President F. P. Venable; Recording Secretary, Prof. Chas. Baskerville.

At the initial meeting of the General Athletic Association of the University the following officers were elected for the current session:

President, A. R. Berkley, '00; Vice-President, A. M. Carr, '02; Secretary and Treasury, Benj. Bell, Jr., '01; graduate member of the Advisory Committee, T. W. Jones, '00; undergraduate member, Frank Bennett, '01; Chief Cheerer, W. K. Battle.

President Venable and Professor Baskerville have been appointed by the faculty to represent this University at the celebration of the twenty-fifth anniversary of Vanderbilt University, October 21-24.

The following lectures were delivered during the spring and summer terms before the Law class by members of the North Carolina bar:

On Private Corporations, by Hon. Thos. B. Womack, Raleigh; on Municipal Corporations, by Robt. C. Strong, Esq., Raleigh; on the Bankrupt Act of 1898, by S. H. MacRae, Esq., Fayetteville; on Some Judgments and how to enforce

them, by Hon. Robt. W. Winston, Durham; on the Courts and their Jurisdiction, by Hon. Chas. Price, of Salisbury.

The water works now under construction will take the water from a point on Bowling Creek, well above all drainage from the town, about one mile and a quarter from the University. A triplex pump, driven by a gasoline engine, will force the water through a 6 inch main and through a filter, located near the electric power house. From the filter the water will flow into a large reservoir near by, from which it will be forced by a steam pump into a stand pipe, 80 feet high and 12 feet in diameter. The mains by which water is now conveyed to the University buildings will be connected to the stand pipe, and also extended to the Carr building.

On account of the increased number of students in the departments of Physics and Chemistry, another room has been fitted up for each as a laboratory for advanced students. The department of Pharmacy has also fitted up a new room, where special training is given in the filling of prescriptions. Each student is required to fill three or more prescriptions a day, as he would do in a well established drug store.

Jesse M. Oldham, A. B., '94, A. M., '95, who was one of the teachers at the Horner Military School last year, has gone into the insurance business and settled in Charlotte.

John S. Hill, Ph. B., '89, has been nominated for Congress in the 14th district of New York.

James H. Whitfield, A. B., '55, and Robert S. McLemore, A. B., '57, visited the University during the vacation. Neither of them had been here since graduation.

W. C. Smith, Ph. B., '96, for some time instructor in English at the University, has been elected Professor of History in the State Normal and Industrial College.

Among the University men serving in the far East are Lieutenants Wm. C. Harlee, W. B. Lemly, Walton, and Wooten. Lieutenant Lemly was severely wounded in the action at Tien Tsin, but has recovered from the wound.

The subject of the James Sprunt Historical Monograph No. II. is Nathaniel Macon. It is now in press, and was prepared by Dr. Battle and Mr. E. W. Wilson, A. B., '93.

The faculty and students of Tulane University gave warmest welcome to President Alderman at the opening of the term, October 1st. His admirable address was published in *The Picayune* of the next day, and has been read here with great interest. It is pleasant to hear him say this of his *alma mater*: "I have known most of the emotions of life—the secret of love, the agony of grief and loss, the stern joys of ambition and duty and work, and I do not know of anything that sweetens my soul and touches my heart like love for the old mother, from whose breast I sucked some strength, and whose great hands led me gently into life."

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**PUBLIC LECTURES OFFERED BY THE  
COMMITTEE ON LECTURES FOR  
THE SESSION 1900-1901.**

Oct. 12. President F. P. Venable, Ph.D., "The University and the State."

Nov. 1. K. P. Battle, LL.D., "Some Remarkable Trials, Civil and Criminal, in North Carolina."

Nov. 10. Mr. Ramon Reyes Lala, A.B., (St. John's, London), "The Philippines." Illustrated.

Nov. 22. Mr. Archibald Henderson, A.M., "The Latter Day Novel and its Influence upon Modern Life."

Dec. 13. Eben Alexander, Ph.D., LL.D., "Some Old Teachers."

Jan. 17. Prof. John DeMotte, A.M., M.D., Ph.D., "The Harp of the Senses." Illustrated

Feb. 4., (Marshall Day.) Judge Jas. C. MacRae, LL.D., "The Character of John Marshall and his Influence upon the Construction of the Constitution."

Feb. 14. Grand Concert by the Tyrolean Concert Company, then just arrived from the Paris Exposition.

Feb. 21. Prof. M. C. S. Noble, "Southern Blockading."

March 7. Prof. H. H. Williams, A.B., B.D., "Some Vital Economic Problems."

March 28. To be filled.

April 15. Hamilton W. Mabie, subject to be announced.

April 26. To be filled.

#### THE ORGANIZATION OF THE ALUMNI.

This work was begun by Mr. E. K. Graham last session and was admirably carried on by him. A large amount of the necessary listing and arranging was accomplished and several local societies were organized. As Mr. Graham found that his work in the English department would take up all of his time during the coming session, the services of Mr. James C. Taylor, '77, were secured as General Secretary of the Alumni. He has had charge of the correspondence during the summer and is busy now with the preparation of a card catalogue of the alumni. Preparations are also being made for a General Catalogue of the Alumni. This will probably cover all students down to the beginning of the twentieth century, and will entail a great deal of work. During the summer Dr. Venable organized a strong local society in Asheville. He hopes during the fall to meet and organize the alumni in Greensboro, Charlotte, Raleigh and New York, and will probably meet with the organization already formed in Winston.

#### NECROLOGY.

CARR, ELIAS, Sparta, Edgecombe county. Student, 1855-'57. Confederate States Army. Planter. Chairman of Board of County Commissioners. Master of the State Grange. Governor of North Carolina, 1893-'97. Born 1839, died July 22, 1900.

LANCASTER, JAMES WARREN, Wilson. A. B., 1843, A. M., 1846. Lawyer. Member of General Assembly, 1854-'55. Died September 21, 1900.

PETTIGREW, WILLIAM SHEPHERD, Tyrrell county. Student, 1834-'37. A. M., 1868. Lawyer. Planter. Member of the Convention of 1861. Confederate States Army. Episcopal minister at Ridgeway and other places. Born 1818, died July 27, 1900.

REYNOLDS, JOSEPH ROSCOE, Ora. Student, 1898-1900. Census-taker. Died September, 1900.

RUFFIN, PETER BROWN, Hillsboro. Student, 1838-'39, entering from Alamance county. Planter. Treasurer of the North Carolina Railroad Company. Died August 5, 1900.

RUFFIN, THOMAS, Hillsboro. Student, 1878-'81. Railroad contractor. Born October 1, 1862 died in Alabama, September, 1900.

SITTERSON, JOSEPH MURDEN, JR., Wilmington. A. B., 1899. Student Episcopal Theological Seminary, New York. Died 1900.

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University of North Carolina.

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*I have an ideal for this University. My desire would have it a place where there is always a breath of freedom in the air; where a sound and various learning is taught heartily without sham or pretense; where the life and the teachings of Jesus furnish forth the ideal of right living and true manhood; where manners are gentle, and courtesies daily multiply between teacher and taught; where all classes and conditions and beliefs are welcome and men may rise, in earnest striving by the might of merit; where wealth is no prejudice and poverty no shame; where honorable labor, even rough labor of the hands, is glorified by high purpose and strenuous desire for the clearer air and the larger view; where there is a will to serve all high ends of a State struggling up out of ignorance into general power; where men are trained to observe closely, to imagine vividly, to reason accurately, and to have about them some humility and some toleration; where, finally, Truth, shining patiently like a star, bids us advance, and we will not turn aside.—Edwin A. Alderman.*

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## THE UNIVERSITY AND THE STATE.

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AN ADDRESS DELIVERED BY PRESIDENT VENABLE ON UNIVERSITY DAY.

The University of a State, when it truly fulfills its duty, should be its chief strength and glory, a light for the people, the fountain-head of their higher life, the source of their uplifting and up-building, the bulwark of their liberties. It moulds the leaders of the people. Streams of influence flow from it to gladden the whole land. It is the hope of the poor man, struggling against poverty and debt, for the education of his children. The little child in the far-off

country school is reached by the same influence. Great movements for the bettering of the condition of the people, for the development of the material resources, for progress along all lines spring from it.

The founders of this State in their sturdy independence and far-seeing wisdom recognized the importance of such an institution, and so, while the struggle for freedom was still upon them, provided for the establishment of this University—the chief safeguard of their children against the loss of those liberties for which they fought. And should some one come and offer to endow this institution with many millions and

remove it from the control of the State, it would be a sale of the birth-right of those children, a betrayal of the trust of the fathers. The citizens of this State cannot afford to have this University narrowed down to the political platform of any one party, to the creed of a single sect, to the economic belief of any individual philanthropist. Parties, churches, philanthropists, all can centre their efforts here and unite in the making of a great people, a grand Commonwealth, but the people must control. The truest democracy in this State is found right here—a wise tolerance for all shades of opinion and belief. "All classes and conditions and beliefs are welcome and men may rise in earnest striving by the right of merit; where wealth is no prejudice and poverty no shame; where honorable labor, even rough labor of the hands, is glorified by high purpose and strenuous desire for the clearer air and the larger view."

The record of this University during the one hundred and five years of its active service has been a glorious one. Its story should bring a thrill of pride to the heart of every loyal son of the University and should awaken a deep sense of gratitude in every section of the Commonwealth that the fathers were so wise and that the sons have been so true to the high purpose of its foundation. Read the long line of Governors who have been sent from these halls to guide the fortunes of the Commonwealth in peace and in war, the roll of Senators, Congressmen, Members of the Cabinet, Foreign Ministers and other political leaders; the distinguished list of jurists, physicians, ministers of the gospel and teachers; and that still greater list of men in every walk of life who have formed the opinions and directed the affairs of their communities, contributing their share to the making of North Carolina.

When I enter yonder Memorial Hall and read on those tablets the roll of our Confederate dead, a great wave of pride and deep emotion fills my

heart. You have there, young gentlemen, the most touching story of the sacrifice of love made by any mother of learning in all this land of ours. When the call went for those who should defend the State and do battle for her, it was meet and very right that this gray-haired mother should send forth her sons among the first, and it is fitting that she should bow her head in deep but proud sorrow over the hundreds who laid down their lives for their country. Twelve in each hundred of all her sons fell—one in every eight. Of the Freshman Class of 1859 all but one, who was too unwell to bear arms, entered the service. Of the Freshman Class of 1860 one in every three gave up his life.

In that immortal charge at Gettysburg, led by your own great Pettigrew, the regiment of Vance, the 26th North Carolina, at that time commanded by Burgwyn, who was killed while leading his men, lost 87 men in every hundred, the greatest loss recorded in modern history, and this small shattered fragment of a heroic band formed part of those to whom the noble leader of the Confederacy gave the post of honor of defending the rear of the Army of Northern Virginia. The death roll at Gettysburg of the University was 21

Oh! Mother of the heroic dead, teach us the lesson of their devotion to duty, of their great love for country and for thee.

I am afraid that in the short time at my command scant justice can be done to the peaceful services of the University to the State. In the first place, no one can fully estimate the influence of the thousands of educated, useful men who first learned here the great lessons of life. The lesson of obedience to the call of duty, of unselfish service, of unpretentious helpfulness, of quiet leadership in all that makes for a nobler life. Such men form the leaven which rightly leavens the whole. I do not hesitate to say that the University's first and greatest work is the sending forth of such men

as David Gaston Worth, John W. Fries, Julian S. Carr, and a host of others who have truly served and uplifted their fellows.

Besides this quiet, yet powerful influence, the sons of the University have led or done their share in all great forward movements in the State. It was one of her sons, Archibald D. Murphey, who laid the foundation of the State's system of public schools, and another son, Calvin H. Wiley, who established the system, and the University could do no nobler service. It was one of the prime objects of her creation that she should be the head of the State's system of education, not the whole of it; that through her the humblest and most ignorant in the land should be blessed and the whole State uplifted. Please note the sequence of events. The University must first gather strength and scatter here and there the seeds of knowledge. She must gradually inculcate a love for learning. Then one of her gifted sons arises, more deeply touched than his fellows with the divine love for humanity and stirs up others to help him, and schools for the children spring up all over the land. It is in this way alone that such problems must be worked out. There must be men who know the value and the need of education, there must be men inspired with the zeal for service, there must be trained teachers, or it will ever be the old story of blind leaders of the blind.

The complaint has been made that the University does not send its students directly into the public schools. This is a mistake. Many of its students do teach and have taught in these schools. Seventy-four students at present in the University have taught in these schools. Few of its graduates, however, enter this service and it would be a waste of power for them to do so. They can better serve by teaching public school teachers and thus multiplying their influence. In the place of the one man, scores unite their strength for the upward movement. If they are themselves well trained they transmit this train-

ing. With many such teachers there would be an end to the cry of inefficient work.

In this time of educational revival, when the people are clamoring for more and better schools, the State must come to the rescue of the system and by wise legislation improve and enlarge it, but the law-givers should realize that the most potent factor in this revival, the most powerful instrument in their hands must be the University. It must be enlarged, strengthened and upheld in its work. It must be properly furnished for the great struggle against ignorance so that its usefulness may be many times multiplied and the people may be fed.

The University recognized the value of church education and aided in the foundation of Wake Forest College. One of its first presidents was a distinguished son of the University, William Hooper. Trinity was upheld and tided over perilous times, largely by the munificence of another alumnus, Julian S. Carr. The first president of Davidson was an alumnus of the University, Robert Hall Morrison, the father of Stonewall Jackson's wife. Besides this the University has given Davidson some of her strongest men, such as President Hepburn and William J. Martin. The University recognizes that there is a great field for these institutions and welcomes the help afforded by their strength and devotion, for the harvest truly is plenteous.

It was the University that established the first Normal School for teachers and McIver, Alderman, Joyner, Noble, Graham, and others have been foremost in this great work for the children of the State. It was largely through the efforts of our Alumni that the rights of the women of the State to equal opportunities with the men was recognized and that noble institution in Greensboro was built, and from the beginning its destinies have been controlled by our own McIver. The first attempt at giving an agricultural and mechanical training in the State was here, and the strong and growing in-

stitution in Raleigh, devoted to such ends, has for its president another able son of the University, George T. Winston.

The great industrial movement which is revolutionizing the conditions of life around us and which promises to make this a great and prosperous State, has for its leaders many of our Alumni, such men as Holt, Fries, Carr, Alexander, Morehead and many others, and each year the University is sending many of its younger sons into the factories and mills of the State.

During the past summer the State was stirred by one of the greatest political campaigns in its history. The burning question was the educational amendment. Now I would not be misunderstood here. Do not think of me as unnecessarily dragging political matters into an address of this character. While this has formed a party shibboleth I can in no sense regard it as a party matter. I believe that in a few years men of all parties will gather to its support. Many have not yet awakened to the deeper significance of this movement. Divested of all political color and bearing, it marks one of the greatest steps forward ever taken by this people, virtually the enforced education of every citizen. It means more schools and better; improvement in all lines of education, from the smallest school in the far-off country district, to this University, the head of the educational system of the State. While many of the alumni of the University did valiant service in this movement, the standard bearer was that upright, true and wise son of the University, Charles B. Aycock, our Governor-elect. It was his straightforward honesty and manly integrity that did much to lead the people to look beyond temporary party gain to the fuller promise of the future. To send forth such true men to lead the people will always be the greatest service of the University, and its highest honor.

Lack of time forbids my more than mentioning the service of the University in establishing

the Agricultural Experiment Station, that great friend and safeguard of this agricultural community. For years that station was located here, and its work grew and developed until it was deemed wise to remove it to a more central place, the capital city. Then there is the Geological Survey with its beneficent work for good roads, water powers and the mineral resources of the State, first directed by Kerr, and now under the vigorous management of Holmes, both of them University men. This brief and hurried summary will give you some idea of the great and varied service done the State of North Carolina by this University. This service is beyond all reckoning in money value. Still, the question of money value is by some regarded as of paramount importance, and it is well to consider it in order that we may in this also form some idea of the University's service.

Let us glance for a moment at the question of material equipment. This is the only institution in the State whose equipment has been almost entirely a free gift to the State. The campus with the twelve buildings and their furnishings, valued at some \$300,000, have been almost entirely given by the friends and alumni, as the State has never directly appropriated money for a building here, and all of this is now the property of the State. When the University was refitted for its work in 1875 the State gave nothing, but friends throughout the State subscribed \$20,000 that life and strength might come to these old halls once more. A great debt of gratitude is due to those who thus gave proof of their loyal affection in the midst of their poverty, and to the tireless efforts of Kemp P. Battle, who with the labor of love and the patience of hope built up again this University so as to be evermore a power in the land, at times even pledging his personal credit for its support, as President Swain had done before him. Within the last fifteen years more than 100,000 dollars have been given for the endowment of professorships

and scholarships, and we trust that this is but an earnest of the generous gifts which will be poured into the lap of the University by loyal sons and friends as the State grows more prosperous and wealth accumulates. And this hope is justified, seeing that so much has been done in our days of poverty. These gifts to her, the University brings to the State and says "These my jewels, my children and the gifts of their love, are yours."

At our last Commencement different phases of the history of the University during the past quarter of a century were ably presented. The story is one of which any people may justly be proud. It required pluck and energy and brains to keep up that fight against poverty and ignorance and narrow hostility. It was a struggle of a devoted few in behalf of a whole people. The means at hand were altogether inadequate. Difficulties and discouragements abounded on every side. And yet, faithful honest work was done and many prejudices were overcome by masterly tact and care. The fidelity of the work, the high nature of the service to the State were recognized and the institution grew, gathering impetus with forward movement, until its growth came to be by great bounds, and a president of the University could stand in his pride, since so many antagonists had become friends, and say "The University fights only ignorance and fears no harm"—grew until from a handful of professors and a few dozen of students it has come to be recognized as a leader among the educational institutions of the South, its halls overflowing with students, taught by an able and enthusiastic faculty seven times as large as that of twenty-five years ago. It has won an enviable reputation for sound scholarship and learning, for oratory, and upon the athletic field. It has drawn to itself the attention of the educational workers of the South and has become to many a model for energy and adaptability to the needs of the people, and to all an object of unceasing wonder for

its great accomplishment on small means. With its meagre income this University is doing the work of institutions with thrice its wealth. By rigid economy and the straining of every nerve, these great results have been accomplished. It has meant self-sacrifice, hard work and wise application of limited means, but the reward lies in seeing this institution the greatest thing in the State today and her chief glory.

My predecessor in office, however, has stated very truly that the bow is bent to the breaking. There must come relief to this tension or disaster will follow. Surely this great strong people can be trusted to support and cherish an institution which has done it such high service. Let me quote here his strong and true words—words that should ring over the broad State and bear fruit in great deeds for the cherishing of this child of the State. "The State is too great and too sagacious not to do right, and the University is too worthy not to deserve right treatment. The State has a right to build up its University. The man that says that it has not this right is speaking puny words against a spirit as strong as common sense, as solemn as the instinct of self-preservation and as resistless as the winds of nature. If this State with its central position and breed of strong men, permits States to the North of it and States to the South of it to develop their institutions, while this strategic possibility, with its beauty, with its heroic past is left to starve in mediocrity and is not turned into a great actuality with a splendid present, this neglect will be the saddest instance in the history of democratic countries of a failure to use a great God-given opportunity."

Looking further into the service done the State, let us see what the University has accomplished in these last twenty-five years. During this time the number of matriculates has been 2896 and the number of graduates 562. The teachers gathered in the Summer School have exceeded two thousand in number, the actual matricu-

lates with duplicates, amounting to 3408. This in itself has been an enormous impetus to the educational development of the State, but besides this some forty per cent. of the graduates have taught, which means over one thousand trained teachers who have themselves taught other teachers, thus disseminating the influence of the University in ever widening circles. Twenty superintendents have been supplied for the city graded schools and a large number of principals for these and private schools. The professors sent out for various colleges in the land number more than fifty.

The creative side of the University has been shown by many lectures and addresses all over the State, hundreds of articles in the periodicals and a number of books of an educational character. I think that this brief outline is sufficient to prove the position taken by me that this University has been a great factor in the educational development of the State. Let us again look at the matter from the side of dollars and cents. What sort of a financial investment has this been for the State? Even a brief examination will show that no other investment has paid the State so well. If we consider that fifty students a year have remained in the State who would otherwise have gone beyond its bounds for their education, and that fifteen have been drawn to the State—very moderate estimates, both of them—then these two elements alone mean a balance over all appropriations from the State, of \$175,000 for the twenty-five years. Add to this \$125,000 in gifts of money and \$90,000 in buildings and we have a sum total of \$390,000—a grand return for the meagre appropriations—the smallest appropriation given by any Southern State to its University.

If we balance up accounts in this way, then we must further consider that the State has secured without cost to itself the education of the remaining 2000 students and more whom we have counted upon as not going beyond our borders for

their education. And this is where the poor man reaps the benefit of his State University. The rich man can send his son abroad for an education and returning home he meets with little competition for the high places of the land. But through its University, the State of North Carolina offers to every citizen poor and rich, the same educational advantages. Side by side they compete for academic honors, and to each an equal opportunity is given to make the most of his powers and of his life.

See how all that I have stated is exemplified in the University of today. Of the last class graduated from the University about forty per cent. are teachers. There are ninety-eight of the present four hundred and eighty students of the University who have already taught—seventy-four of them having taught in public schools. Many have earned before coming here the funds necessary for their support; many others support themselves while here by all forms of honorable labor. In one way or another a goodly percentage of our students, certainly more than one fourth of them, are working their own way up in the world, making a brave fight against adverse circumstances. Such men appreciate the opportunities offered them here and are apt to make good use of them. They are a credit to the University and in helping them to fit themselves for their life work great service is done the State.

The needs of this people and the beneficent work done by the University were deeply impressed upon me by the letters which came to me this Summer from all parts of the State, many of them touching appeals for help. They were inspired by the strong desire for higher things. They told of desperate struggles against poverty and ignorance and all manner of discouragement; of those tragedies of home-life; the grinding economy of a father and mother and their loving self-sacrifice that their children might have the advantages which they them-

selves had never enjoyed; the despairing efforts of a widowed mother that her son might reach her ideal of his dead father: the mortgage on the little farm; the disappointment of the failing crops; of sickness and of the death of the bread winner. And all turn to the University for help, that they may be fitted to play a man's part in life and lift the shadow from the lives of their loved ones.

This is the function of the University in a great State—a shining light in the darkness, clearly and patiently directing the course of those who would travel along the pathway to knowledge and the higher life; a centre of gracious and helpful influence streaming out into the whole land; a strong foundation, unmoved by frenzied passion, by the shifting sands of political change, by the bigotry of ignorance or selfish bias of wealth; a treasure which cannot be bought or sold away from the people, by whom and for whom it was created; a loving mother of many noble sons whom it is her pride to help and nourish and lead upwards to the light. Such must the institution be and its motto should read, "An education for every deserving young man in the State."

And now, young gentlemen, you who have gathered at the feet of this fair mother to learn of her and to be counted henceforward as her sons, let me tell you that most of that which you receive from her is her free gift and, through her, the gift of the State. The fees paid by you scarcely suffice to cover the interest upon capital invested in these buildings and their furnishings. What return will gratitude prompt you to make to your University and your State? The gift of an education is priceless—it is above all measurement in dollars and cents. While it is a loving act, and one that touches deeply the great heart of your *alma mater*, for you in after years to come back to her bringing some memorial offering, a portion of the material blessings which your training received here has helped you to

win, she demands far more of you. As her gift was priceless so should yours be in return. She asks those things which no coined metal can ever purchase; that these hours spent here may not be wasted but filled with earnest labor and striving after wisdom; that you may grow into wise men, strong men, true men. Thus you can best show your gratitude and your love. It is the highest guerdon of any mother. The great longing of her heart is that each year shall see a goodly band of strong and faithful men, vigorous in their fresh young manhood, buoyant with hope, armed with all the care and skill of her training, go forth to the service of the State. So shall she fulfill her high mission.

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#### ALUMNI HALL.

It was stated in the last issue of THE RECORD that this building was under roof, and the necessity for completing it was pointed out. A very earnest effort is being made now to raise the necessary funds for this purpose. Before this issue of THE RECORD reaches many of the alumni they will have already received an earnest appeal for help. The money should be in hand so that the building may be finished before next June. Many can give only a small sum, others can give more largely. It is hoped that every alumnus will give something. Each issue of THE RECORD from now on will contain some account of the progress of this work.

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#### MEETINGS OF THE LEARNED SOCIETIES.

##### ELISHA MITCHELL SCIENTIFIC SOCIETY.

At the 130th meeting, Oct. 9th, the following papers were read:

"Wireless Telephony," Prof. J. W. Gore.

"The Summer's Work at the Beaufort Station," Dr. H. V. Wilson.

"The Second Report of the German Comis-

sion on Atomic Weights," Dr. Chas. Baskerville.

NORTH CAROLINA HISTORICAL SOCIETY.

At the meeting of the Historical Society, Oct. 22nd, Dr. Kemp P. Battle was continued as President, and Prof. M. C. S. Noble as Vice-President. Mr. E. D. Sallenger was elected Secretary. The following papers were read:

"The Early History of the University of North Carolina," Mr. B. B. Bobbitt.

"The First Judges Under the Constitution of 1776, Ashe, Spencer, Iredell, Williams," Mr. E. D. Sallenger.

"A Review of the the Recently Found Journal of an Indentured Schoolmaster, John Harrower, 1773-'76," Dr. Battle.

THE SHAKSPERE CLUB.

Oct. 23. Dr. Hume delivered the opening address for the session on "Shakspere's Violations of Historic Fact, and the Dramatic Reasons for Them." Papers were read as follows:

"The Method of Developing the King's Character in Henry the Fifth," Mr. J. R. Conley.

"The Religious Side of Henry's Character," Mr. Newman.

"The Heroic Ballad of Agincourt by Drayton and Shakspere's Dramatic Picture of the Battle Contrasted," Miss Lucy Cobb.

NOTES.

John Fox, Jr., the well known Kentucky writer, will be the next lecturer in the star course. He will be here early in December.

Dr. W. B. Phillips, Ph.B., '77, has been elected Professor of Geology in the University of Texas.

Captain Edward May, U. S. Navy, has given to the University as a memorial of his son, Mr. Samuel May, five hundred dollars to be used in purchasing books for the department of Modern Languages.

Mr. W. R. Weeks, Physical Director, has published at the University Press, a pamphlet containing valuable suggestions in regard to physical culture.

Hon. Zeb V. Walsler, '80-'84, at present Attorney General, has been chosen to succeed the late R. P. Buxton, A.B. '45, as Reporter of the Supreme Court.

The recent tour of the University Football Team was most successful. At Knoxville, Nov. 1st, they defeated the team of the University of Tennessee by a score of 22 to 5; on the 3rd, at Nashville, Vanderbilt University, 48 to 0; and at Atlanta, on the 5th, in the game with Sewanee, neither side scored.

NECROLOGY.

FREMONT, FRANK MURRAY. Entered from Wilmington, N. C. B. S. 1877. Mangum Medalist. In manufacturing business in Atlanta and New York City. Died October 26th, 1900.

HAYWOOD, FRANCIS PHILEMON. Raleigh. Student, 1825. In Confederate States Army. Born 1810, died October 23rd, 1900.

MASON, JAMES BRUCE. Entered from Davie county. Student 1867-'68. Settled at Chapel Hill. Lawyer. State Senator. Born 1844, died October 16th 1900.

PETERSON, MATTHEW RANSOM. Entered from Clinton. Student 1883-'85. Graduate of U. S. Military Academy at West Point. Major U. S. Army. Born August 8th, 1866, died in Cuba October 18th, 1900.

PROUT, EDMUND GREGORY. Entered from Williamsboro, Granville county, N. C. A. B. 1865. C. S. A. Graduate of General Theological Seminary, New York. Episcopal minister at Virginia City and Deer Lodge, Montana. Editor. Born March 15th, 1846, died July 26th, 1900.

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Eight thousand Alumni, including one President, two Vice-Presidents, eight Cabinet Ministers, six Ministers to Foreign Courts, 44 per cent of all of our Senators, 40 per cent of all of our Congressmen, 51 per cent of the Supreme Court, 40 per cent of the Superior Court, and the leaders in educational, industrial and agricultural life.

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The School of Pharmacy.  
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Chapel Hill, N. C.

# THE UNIVERSITY RECORD

University of North Carolina.

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VOL. VI, NO. III,

MONTHLY, FIFTY CENTS A YEAR.

DECEMBER, 1900

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Entered at the post-office at Chapel Hill, N. C., as second-class mail matter.

*I have an ideal for this University. My desire would have it a place where there is always a breath of freedom in the air; where a sound and various learning is taught heartily without sham or pretense; where the life and the teachings of Jesus furnish forth the ideal of right living and true manhood; where manners are gentle, and courtesies daily multiply between teacher and taught; where all classes and conditions and beliefs are welcome and men may rise, in earnest striving by the might of merit; where wealth is no prejudice and poverty no shame; where honorable labor, even rough labor of the hands, is glorified by high purpose and strenuous desire for the clearer air and the larger view; where there is a will to serve all high ends of a State struggling up out of ignorance into general power; where men are trained to observe closely, to imagine vividly, to reason accurately, and to have about them some humility and some toleration; where, finally, Truth, shining patiently like a star, bids us advance, and we will not turn aside.—Edwin A. Aiderman.*

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## ALUMNI BRANCH ASSOCIATIONS.

The work of organizing the Alumni Associations in accordance with the plan adopted at the Commencement in June 1900, has been going on steadily since then and enthusiastic success has attended the efforts made in the leading cities.

### ASHEVILLE.

In July the alumni living in Buncombe County were called to meet with Dr. Venable at the office of Bourne and Parker. Twenty one alumni responded to the call. The name selected for the Association was the Buncombe County Association. There are 63 alumni in that county and

sixteen students at present at the University are from Buncombe. Julius C. Martin was elected President; Dr. M. C. Millender, Vice President; and Louis M. Bourne, Secretary and Treasurer.

### CHARLOTTE.

The alumni of Mecklenburg County were called together on Nov. 8th. for organization. Dr. Venable met with them. The following officers were elected; H. C. Jones, President; Alexander Graham, Vice President; and George G. Stephens, Secretary and Treasurer. About thirty alumni were present. There are 130 alumni in Mecklenburg and the county claims thirty

at present at the University. After the organization there was a most enjoyable banquet at which many speeches were made and much enthusiasm shown for the University and the objects of the Association. The speech made by Mr. Tompkins is published in this issue.

#### WINSTON.

On Thursday, November 27th, the alumni of Forsyth county held a banquet at the Phoenix Hotel in Winston. This Association was organized in the Spring with John W. Fries as President and Dr. R. E. Caldwell, Secretary and Treasurer. Dr. Venable was the guest of the Association. There were about forty-two members present. A number of earnest and enthusiastic speeches were made and the meeting was most enjoyable. The alumni in Forsyth county number 74 and there are sixteen students present at the University from that county.

#### NEW YORK.

The alumni residing in New York city and vicinity organized a Branch Association on the evening of Dec. 29th. A very enjoyable banquet was given and much enthusiasm and loyalty for the University was shown. Judge Augustus Van Wyck was elected President, George Gordon Battle Vice President, and Ralph H. Graves Secretary and Treasurer. Dr. Venable was the guest of the association. There are more than sixty alumni living in New York.

#### ALUMNI BUILDING.

The following are the contributors to the erection of this building, a gift to the University upon the completion of the first century:

J. S. Carr, '62-'64; I. E. Emerson, '69-'70; T. M. Holt, '49-'50, LL.D., '95; Hill Burgwyn, '41; W. A. Guthrie, A. B., '64, A. M.; D. G. Worth, A. B., '53; S. Wittkowsky; Friend of T. S. Kenan;

Thos. H. Battle, A. B., '80; J. W. Gore; T. D. Stokes, B. S., '82; C. W. Worth, A. B., '83; H. H. Patterson, '66-'67; D. McCauley; Wm. Cain G. T. Winston, '66-'68; W. D. Toy; H. V. Wilson; E. A. Alderman, Ph. B., '82; F. D. Winston, A. B., '79; T. J. Hadley, A. B., '62, A. M. '66; J. L. Morehead, A. B., '53; K. M. Murchison, A. B., '53; R. H. Battle, A. B., '54; B. A. Capehart, A. B., '53; R. H. Lewis, '66-'68; T. S. Kenan, A. B., '57; W. R. Kenan, A. B. '61; B. F. Grady, A. B., '57; Jas. Parker, A. B., '61; Rev. J. J. Roberts, A. B., '38, A. M., '41; A. W. Haywood; P. B. Barringer; J. S. Manning, A. B., '79; J. M. Manning, A. B., '79; J. E. Shepherd, '67-'68; W. T. Shaffner, Ph. B., '90; Collier Cobb, '80-'81; N. G. Williams, '82-'84; J. W. Fries, '66-'68; R. H. Whitehead; S. B. Weeks, A. B., '86., A. M., '87; H. W. Jackson, Ph. B., '86; J. F. Schenck, Ph. B., '86; A. A. Kluttz, '80-'83; J. J. Jenkins, A. B., '86; A. B. Stronach, Ph. B., '89; Sterling Ruffin, '82-'85; N. H. D. Wilson, A. B., '86; G. S. Wills, Ph. B. '89; Thomas Hume; I. M. Taylor, Ph. B., '79; Du Brutz Cutlar, A. B., '53; Hayne Davis, A. B., '88; E. Alexander; K. P. Battle Jr., A. B. '79; G. A. Grimsley; F. W. Simonds; Locke Craig, A. B., '80; H. H. Horne, A. B., '95; M. L. John, Ph. B., '88; N. J. Rouse, Ph. B., '81; J. Y. Joyner, Ph. B., '81; J. M. Walker, A. B., '81; W. M. Little, A. B. '88; W. A. Betts, Ph. B., '80; W. J. Peele, A. B., '79; V. W. Long, Ph. B., '87; R. T. Burwell, Ph. B., '87; J. B. Killebrew, A. B., '56., Ph. D., '78; W. E. Phillips, A. B., '81; Lawrence McRae, '96; H. T. Rumbough, B. S., '81; J. H. Southgate, '76-'78.

The following are the new contributors since the appeal of the past November for funds to complete the building. Further lists will appear as the contributions are received;

E. W. Brawley, '94; Arthur Arrington, '78; H. L. Miller, '90; Charles L. VanNoppen, '94; F. P. Venable; A. C. Ellis, '94; H. A. Foushee, '94; C. H. White, '94; Charles Baskerville, '92;

J. P. Kerr, '83; Robert Strange, '79; John E. Henderson, '64; A. W. Long, '84; John A. Roeb-ling; Marcus Erwin; James Sawyer; T. C. Smith, Jr.

It is absolutely necessary if this building is to be finished that the alumni come forward generously and complete this gift. There is not an alumnus who cannot give five dollars and many can give much more. The committee earnestly press upon you the necessity of making this gift now.

### MEETINGS OF THE LEARNED SOCIETIES.

#### ELISHA MITCHELL SCIENTIFIC SOCIETY.

At the 131st meeting the following papers were read:

*Vanilla and Chocolate*, Professor E. V. Howell.

*The Dissociation Theory*, Dr. A. S. Wheeler.

*A Marsupial Track from the Triassic*, Professor Collier Cobb.

#### NORTH CAROLINA HISTORICAL SOCIETY.

At the meeting held Nov. 25th, papers were read as follows:

*Commodore Johnston Blakeley*, Mr. Hugh Smith.

*The Selection of the Seat of Government of this State*, Miss Rodman.

*The Committee of Safety of Rowan County*, Mr. Whitehead Kluttz.

*Relics Belonging to the Dialectic Society*, Dr. K. P. Battle.

#### THE SHAKSPERE CLUB.

At the meeting held Nov. 27th, the following papers were read:

*Shakspere's Method of treating the Character of Richard III*, Mr. N. R. Blackman.

*A Word for Anne and the other Women*, Miss Margaret Jones.

*The Point of View*, Mr. D. S. Thompson.

*The Battle of Bosworth*, Mr. R. L. Payne.

### NOTES.

At the meeting of the North Carolina Section of the American Chemical Society, held at Trinity College Nov. 9th, the University representatives presented papers as follows: President Venable, *Richter and the Periodic Law*. Dr. Baskerville, *The Basis of Scientific Thought; International Atomic Weights; The Necessity for State Supervision of escaping noxious Vapors and Contamination of Streams from Manufacturing Enterprises*; and in conjunction with Mr. I. F. Harris, *Notes on the Adie and Wood Method for the Determination of Potassium*. Dr. A. S. Wheeler, *The Oxidation of Cellulose*; and, in conjunction with Mr. H. B. Hill, *Products of Dehydromucic Acid*.

Recent marriages of Alumni: Dr. James J. Philips, '90, and Miss Marion Hamilton, at Baltimore, Oct. 29th; Mr. William W. Davies, '91, and Miss Sarah O. Coonley, at Chicago, Nov. 29th, Dr. C. S. Mangum, '91, and Miss Laura R. Payne, at Washington, D. C., Oct. 24th; Mr. Frank C. Mebane, '92, and Miss Alice R. Collins, at Hillsborough, Dec. 20th; Mr. James F. Gaither, '93, and Miss Helen W. Bruton, at Salisbury, Dec. 12th; Dr. Thomas J. Wilson, Jr., '94, and Miss Lorena Pickard, at Chapel Hill, Dec. 26th.

Augustus H. Price, '95, has been appointed Assistant United States District Attorney for the western district of North Carolina. He was Elector-at-large in the recent campaign, and made a wide reputation as a public speaker.

Dr. Charles Baskerville has been appointed by the President of the American Chemical Society a member of the committee to arrange for the celebration of the 25th anniversary of the founding of that society next April. He has also been appointed on a sub-committee of five, which is to prepare the census of American chemists, history of chemistry in the United States and America, statistics in regard to the aid rendered the progress of our manufactures and industries

by chemistry, development of pedagogical chemistry, and a comparison with other countries.

Dr. K. P. Battle delivered a lecture at Guilford College in December on "The Century's Development of the Constitution of North Carolina."

President Venable spoke on "Universities and Secondary Schools" at the meeting of the Southern Educational Association, held in Richmond, December 27-29. At the same meeting Dr. Alexander read a paper on "The Work of the Normal Schools as the College Man Sees It." About one thousand educators, chiefly from the South, but with representatives from all over the country, attended the convention. Among the University men who were present and took part in the proceedings were Presidents Winston and McIver, Professor T. G. Pearson and Messrs. C. T. Alexander, W. J. Brogden, R. M. Davis, J. I. Foust, Ernest Mangum and B. C. McIver.

Dr. John B. DeMotte will be the next lecturer in the Star Course. His subject is "The Harp of the Senses; or the Secret of Character Building", and the date is Jan. 17. This date may be changed.

An upper floor has been put in at the west end of the Library building, to make room for bound volumes of periodicals, of which the library has one of the best collections in the South.

Through the efforts of Professor Gore, a telephone line between Chapel Hill and Durham has been built. It is connected with the Inter-State Telephone system. It is probable that the village will soon have a telephone exchange, and possible that Chapel Hill and Durham may be connected by a trolley-line during the present year.

Ernest Graves, '00, has been appointed captain of the base ball team, in place of Graham Woodard, who did not return to the University.

Work has commenced upon the new dormitory, the Mary Ann Smith Building. It will be located west of the Chemical Laboratory and the New West Building, and will be a most ornamental addition to the campus. There will be 38 rooms in this building and it will be three stories in height.

The Southern Inter-Collegiate Athletic Association has accepted the invitation to hold the next annual meeting at Chapel Hill, under the auspices of the University Athletic Association. The date of the meeting is Dec. 21, 1901.

Dr. Charles Baskerville attended the meeting of the Association of N. C. Academies held in Raleigh Dec. 25.

Professor Collier Cobb spent the Christmas holidays in a geological excursion along the coast of Florida.

Professor Toy attended the meeting of the Philological Association in Philadelphia during the Christmas holidays.

#### FOOT BALL RECORD.

The football team representing the University during the past fall developed under the care of Coach W. A. Reynolds into one of the best teams sent out by the University. F. M. Osborne, of Charlotte, was captain, and A. Marvin Carr, of Durham, was manager. The record of games was as follows:

U. N. C. vs. Morganton,	38 to 0
U. N. C. vs. Va. Polyt. Inst.,	0 to 0
U. N. C. vs. Univ. of Tenn.,	22 to 5
U. N. C. vs. Vanderbilt,	48 to 0
U. N. C. vs. Sewanee,	0 to 0
U. N. C. vs. Georgia,	55 to 0
U. N. C. vs. Virginia,	0 to 17
U. N. C. vs. Georgetown,	0 to 0

# Supplement to The Record.

## AN ADDRESS

DELIVERED BY D. A. TOMPKINS, ESQ., BEFORE  
THE ALUMNI ASSOCIATION OF MECK-  
LENBURG COUNTY.

In all the world education is one of the cheapest things to buy and one of the highest priced things to sell. States and nations spend money in various ways and in large sums to promote commerce, improve agriculture. No fostering appropriations contribute so much toward any of these as the same amount of money would contribute to them all if expended in education.

In peace success is always the result of education. In war victory comes to the side that is led by the general who has had the best education in military and naval academies and the best training in the field. The schools at West Point and Annapolis were far the most potent factors in accomplishing the overthrow of Spain in Cuba and the Philippines. Had the United States ever refused proper appropriations to these schools, then instead of the sweeping victory our army and navy so easily won there might have been a different result.

New York, Charleston, Wilmington and other American cities might have fallen under bombardment from Spanish ships.

Speaking to graduates of the State University, permit me to urge it upon you so to use your influence as to bring full and free State aid to your *alma mater*. The parents who forget their own offspring are to be found only amongst barbarians. That humanity which is without a sense of filial obligation is the most unworthy element of the human race.

In organizing this University Alumni Association you but manifest that obligation which you owe to the University in a way that is to the credit of each member here present. In the effort that each of you ought to make to bring ample appropriations from the State for the support and maintenance of the institution, you will be carrying out that loyalty which you ought to feel to your *alma mater* as fully as you execute filial duties to your flesh and blood parents.

I have said that education is the cheapest thing in the world to buy and the highest priced thing to sell. The people of this State produce on farms about 500,000 bales of cotton. These at six cents a pound would be worth about \$15,000,000.00. The same cotton manufactured into various kinds of cloth would bring the following values:

As sheetings,	\$45,000,000
As gingham,	60,000,000

As dress goods,	100,000,000
As mercerized cloth,	300,000,000
As poplin,	400,000,000
As Persian lawn,	1,000,000,000
As Swiss embroidery,	5,000,000,000

What is needed to get these values? We have the cotton. We have the power, either in the shape of water falls or fuel for steam. We have the people for labor, and heaven knows many of them are in need of profitable employment.

The only trouble is that our people don't know how to make these goods. They have neither the education nor the training. The facilities now provided by the State for acquirement of the necessary education and training even to make a start in developing the values out of our home products is exceedingly scant.

That industrial development which has already been fairly begun in our State is being hampered and retarded for lack of young men or men of any age who have the education and skill necessary to conduct the operations of manufacturing the better class of goods,—those which bring the higher prices. In the last five years I have not known a time when I have not had inquiries for men to fill lucrative positions,—places that would command salaries of 1000, 2000, 3000 or even in some instances, five thousand dollars a year. Such places always required men well educated and well trained. To find such men is one of the hard propositions that the manufacturer or other controller of large interests has to deal with.

Some countries have exports that are small in tonnage but large in money values. These large values in money on very small tonnage show the prices obtained for education. Our people sell cotton at six cents, send it to Germany where it is manufactured into socks, and we buy it back at \$1.00 a pound. We send our finest upland long staple cotton to France at 15 cents a pound, where it is made into fine organdies and we buy it back at \$40 a pound. We send Sea-Island cotton at 25 cents a pound to Switzerland, where it is made into Swiss embroidery, and we buy it back at \$80 a pound.

By far the greatest part of the enhanced values is paid for knowledge and skill which means education.

In Germany the big salaries go to those who know the chemistry of dye stuffs,—who know how to make a black sock or stocking which won't erode.

In France the artist who makes the floral or other fancy design that goes on the attractive organdie, gets the big salary.

In Switzerland the designer, the fine weaver

of embroideries, even the handlers of such fine goods must all be well paid and in these lie the cost of the production of these goods. When our people buy these goods they pay mostly for education.

Mr. Allen, of Mississippi, raises the Allen long staple cotton. It has been told that the agent who handles Mr. Allen's cotton sells it in France. He wrote to the factory to send him a dress pattern of the best goods they made. He wanted to make Mrs. Allen a present of a dress pattern made from Mr. Allen's cotton. When the goods came (complimentary) they were taken to New Orleans and compared with goods on sale there. At the selling price of similar goods in the New Orleans stores it transpired that Mr. Allen had sold his cotton at 15 cents a pound and the goods made from it sold in New Orleans at 40 dollars a pound.

If the State would appropriate \$100,000 a year to the University, the result would be found to more than justify the expenditure. Indeed I simply discredit the cause of education when I speak my full confidence in it. I speak advisedly when I say the State would make no mistake if it should expend a half million or even a million dollars a year for education.

The wealth of the State lies in her undeveloped resources. The poverty of the State lies in the want of education and training of the people for the profitable development of these resources. Strangers are coming from other States that are more liberal to their people in matters of education, to take advantage of your rich resources. In letting this come to pass, is the State fair to her own home people? Shall the best resources, the best salaries and compensations go to strangers because our home legislators refuse the necessary facilities to home people to be as fairly taught and as fairly trained as those strangers?

I can see no reason why we may not in time make embroideries here as well as they are made in Switzerland. Whenever we develop the education and training necessary then our young men and young women will get the salaries for artistic designs. These designs can be made in the homes of the very best people and the compensations earned in free and pleasant surroundings.

In such development the class that will be benefitted far more than any other is the farmer. As the number of people in other occupations increases, every product of the farm will come more and more in demand. Farm products which were formerly without value will be saleable and more in demand. Land will increase in values. By good roads, which will come with other development, farmers wives and daughters will be free from the isolation of a home from which they dread to undertake a neighborly visit over the mud mire roads of the past and

which are the rule even yet in most parts of this State. These farmers wives and daughters ought to be the most earnest apostles of the cause of education and development in this State.

Before the civil war the people of the South were more than liberal in this matter of education. The result was manifest in the influence of her statesmen in national affairs.

Since the civil war the people of the South have had a gigantic task with the problem of saving Anglo-Saxon civilization. This problem has been handled with consummate skill and courage, but in the conflict the talents, resources and energies have been at all times so heavily drawn upon that scant recourse has been left available for the cause of education, and because of education and because of these conditions we find that the cause of education has been given less attention than it ought to have received.

Now however our race problem is a thing of the past. The fight for civilization has been nobly won. We have incorporated into the constitution of the State an amendment which emancipates the State from the controlling influences of ignorance, stupidity and vice. For the intelligent and moral element in the State the year of jubilee is come. Being now freed from the harassments of a thirty years conflict with a confusion that approached semi-barbarism, that better element that won this great battle is now free to devote its energies and superb courage to the real reconstruction of the State. The first move towards the reconstruction must be the bringing of our educational institutions to the same relative standing with those of other States that they occupied before the civil war.

For the interests of our people it is imperative that we bring the University to be the full equal of Harvard, Yale, the University of Michigan or the University of Wisconsin and the Agricultural and Mechanical College to be the equal of the Rensselaer Polytechnic Institute, the Columbia School of Mines or the Massachusetts Institute of Technology.

The cost of an education today at either of our State institutions is probably about two to five hundred dollars a year. The education received at this low cost may easily be made by application and integrity to bring a salary or other increase of 1200, 2500, 5000, 10,000 and even 25,000 dollars a year. The resources and opportunities are here in this State in abundance and education alone is necessary to bring the values of them.

Gentlemen of the Alumni Association, keep your hearts warm for your Alma Mater and stand by her in every hour of her need as you would in loyalty and filial duty stand by your natural parents in any hour of need that might come to them.

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Summer School.....	161

Total less duplicates. .658

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**F. P. VENABLE, PH.D.,** President.  
Chapel Hill, N. C.

# THE UNIVERSITY RECORD

University of North Carolina.

VOL. VI, NO. IV,

MONTHLY, FIFTY CENTS A YEAR.

JANUARY, 1903

Entered at the post-office at Chapel Hill, N. C., as second-class mail matter.

*I have an ideal for this University. My desire would have it a place where there is always a breath of freedom in the air; where a sound and various learning is taught heartily without sham or pretense; where the life and the teachings of Jesus furnish forth the ideal of right living and true manhood; where manners are gentle, and courtesies daily multiply between teacher and taught; where all classes and conditions and beliefs are welcome and men may rise, in earnest striving by the might of merit; where wealth is no prejudice and poverty no shame; where honorable labor, even rough labor of the hands, is glorified by high purpose and strenuous desire for the clearer air and the larger view; where there is a will to serve all high ends of a State struggling up out of ignorance into general power; where men are trained to observe closely, to imagine vividly, to reason accurately, and to have about them some humility and some toleration; where, finally, Truth, shining patiently like a star, bids us advance, and we will not turn aside.—Edwin A. Alderman.*

## REPORT OF THE PRESIDENT OF THE UNIVERSITY TO THE BOARD OF TRUSTEES.

*Gentlemen of the Board:*

I have the honor to transmit with this paper the reports of the heads of the various departments of the University. They are worthy of your careful consideration. I have made free use of them in this, my report.

### CHANGES IN THE FACULTY.

Since the last meeting of the Board, Dr. Thomas Ruffin, Assistant Professor of Law, has entered upon his duties. Dr. Charles Baskerville has had charge of the Department of Chemistry, and Dr. Alvin S. Wheeler, as Assistant Professor, has aided him in the work of the department. It gives me pleasure to testify to the character of the work done by these gentlemen and to their labors in behalf of all that tends to the strengthening of the University.

### INCORPORATION OF THE DEPARTMENTS OF MEDICINE AND PHARMACY.

I would respectfully recommend the full incorporation into the University of the depart-

ments of medicine and pharmacy. The heads of these departments have, in their reports, asked for this incorporation.

### ENROLLMENT AND WORK OF THE STUDENTS.

The total enrollment for the current year is 504. These are divided into 377 academic students and 127 professional. The Freshman class numbers 137. A careful comparison with the last three years shows a decided improvement in preparation. The test of the examinations held in December at the end of the first term also speaks well for this preparation. Fifty-six per cent. of the Freshman class passed the examinations on all their studies. Eighty six per cent. passed on half or more. Only five Freshmen made complete failures.

### DISCIPLINE AND HEALTH.

No serious breach of discipline has reached my notice during the fall term, and I would speak highly of the general behavior of the student body.

The University physician reported no serious illness of any kind and the infirmary was

in use for a brief time only during the fall term, the total number of patients not exceeding five. Since the opening in January there have been two cases of pneumonia and one death.

#### GYMNASIUM.

The gymnasium exercises have been under the charge of Mr. W. R. Weeks of Yale University. He has proved himself thoroughly competent and has been enthusiastic in his work. At present Memorial Hall is used as a gymnasium. This is for many reasons undesirable. A new building for the purpose is a pressing necessity.

A healthy interest has been shown in athletics. This important side of the student life is under the close supervision of a committee, consisting of a member of the faculty, a graduate, and a student. All manly sports are encouraged and controlled. During the past fall a hundred or more students engaged in football. No one sustained any serious injury.

#### ACCOMMODATIONS FOR STUDENTS.

The Carr Building has greatly added to the accommodations for students. Before this generous gift of Julian S. Carr to the University the total number of students who could be lodged in the University buildings amounted to 180. The Carr Building furnished rooms for 74. Even with this the University was able to accommodate less than one half of its students in its own buildings, and the capacity of the town was also stretched to the utmost. Since this was the case and as, furthermore, the University physician reported that two-thirds of all the sickness was among the students outside of our own dormitories, I recommended to the Executive Committee the immediate erection of a new dormitory out of the Mary Ann Smith Fund, such an investment promising to bear good interest. The foundations of this building are now being laid. It is planned to contain rooms for sixty-five students. The students should be in buildings under the sanitary care of the University.

#### HEATING PLANT.

While the employment of trust funds in anything except a remunerative investment cannot

be justified, I believe it eminently wise to so employ them that the University may have the use of them and at the same time secure full interest. This has been done in the case of the electric lighting and the Mary Ann Smith building. I recommend that a sufficient sum be set aside to provide a central heating station and that all of the buildings in daily use be so heated. This will be more economical than the other system and should yield a good income.

#### WATER WORKS.

The appropriation of \$7500 made by the last Legislature for the water works has been applied to the purpose intended. This amount was insufficient, as was pointed out at the time, and a debt of \$3,966.60 has been incurred so that the water might be secured for three of the buildings. In order to complete the system, it is essential that proper sewerage be provided, only two buildings having partial sewer connection at present, and that water be put up in all of the buildings. This will require the expenditure of least \$3000 more. I may add that the construction of the water works so far as completed has been most thorough and workmanlike.

#### REPAIRS.

No systematic or thorough repairs have been made upon the buildings since the appropriation of 1893. The income of the University has permitted only occasional patching to be done. The roof of Memorial Hall needs \$1000 worth of work done upon it; that of the Chapel must be entirely renewed. It has been patched until patching has ceased to be effective, and the leaks have caused the fall of the plastering in several places. The South Building and Chemical Laboratory roofs should be renewed. Many of the rooms need repairing badly. There should be an immediate expenditure of some \$3500 on these and the other buildings, or the damage will increase and the bill finally be much greater. It is incumbent upon the State to keep in repair buildings which have come to it as a gift.

245  
 X The University has brought to the State in

gifts since 1875, \$132,000 in money and lands and about \$90,000 in buildings.

*Gifts to the University will flow in generously only when the donors are convinced that the State is generous in its treatment of its own institutions.*

#### GIFTS TO THE UNIVERSITY.

During the past session the University has received as gifts a fund of \$201.40 from Wm. Jennings Bryan to establish a prize; a fund of \$500 from Edward May as a memorial to his son Samuel May, a former esteemed instructor in this University; and a bequest from Rev. T. D. Martin, payable at the death of his wife, to provide aid for needy students.

The noble Alumni Building is also approaching completion. It will have cost over \$30,000 when finished.

#### INCOME AND EXPENDITURE.

It will be seen from the Bursar's report for the year 1899-1900 that there was a deficit of \$1475.35. This will be increased during the current year by additions in the salary account and the running expenses of the water works, to about \$2,500. The University is not in a condition to face an annually increasing deficit. The State must come to our help here or it will mean retrogression.

#### EXPENSES OF THE STUDENTS.

The University is emphatically the hope of the poor boys of the State. From the itemized statements of expenses handed in by the students for last year it is seen that the average for those having free tuition and working out their board at Commons is \$63.60, the lowest being \$57.00. For those having free tuition only, the average cost is \$144.61; and for those paying both board and tuition \$265.25, the maximum account handed in being \$500.00.

Over one hundred and twenty-five are working their way through, in whole or in part.

#### SUMMER SCHOOL.

The faculty unanimously recommend that the summer term of three months be discontinued. In its place they would recommend a summer school of three weeks and a University term of

six weeks. A longer summer term is too exhausting in this climate.

#### THE UNIVERSITY AND THE SCHOOLS.

There have been 3091 matriculates in the regular courses and 562 full graduates since 1875. Over 1200 of these have taught after leaving the University. About twenty-five superintendents of city schools have been supplied and a very much larger number of principals for private and public schools. Over fifty professors have been sent out for various universities and colleges.

The teachers matriculated in the Summer School have numbered 3408. There are at present in the University 98 who have taught in the schools.

These facts are mentioned to show that the University is justifying its position as head of the public school system. It is doing everything possible with its limited income to foster and strengthen the entire system. There can be no efficient public school system without a strong University at its head. The stand taken by the University and the excellence of its work determines in a large measure the conditions of all the schools from secondary to the humblest primary. If the University sends out good teachers and demands high attainments, there will be strong secondary schools; and if these are strong, there will be good teachers for the primary schools.

#### ADDITIONAL TEACHING FORCE ABSOLUTELY NECESSARY.

The teaching force of the University is altogether inadequate to the demands made upon it. Few changes have been made since the students numbered three hundred. The income is at present less than the expenses by about \$2,500 a year, and hence additions were impossible.

To do the most efficient teaching, the classes must be divided into small sections. This is impossible with the present force. The conditions may be made clearer by taking a few typical departments. In the department of English one instructor, at a salary of \$700, and one assistant, at a salary of \$250, have the entire instruction of 232 students, divided as follows: Fresh-

man Class 122, in two sections, 81 and 41; Sophomore Class 111, in two sections. These write 464 theses or exercises per week, which must be corrected by these two men. The remaining classes in the English department, numbering nine and containing 172 students, are taught by one professor.

In the department of Latin there is one professor and an instructor who gives one-third of his time to the department of Greek. These two must teach eight classes. In the Freshman Class there are seventy-nine students divided into three sections. There are 316 exercises weekly to be corrected. In the Sophomore Class there are seventy-five men in two sections. These should also write weekly exercises, but it is a physical impossibility for the teaching force to correct them. This amount of teaching means more actual drudgery than the professor should be asked to undertake.

In the department of Mathematics there are two teachers—a professor and an instructor. There are 197 students in the Freshman and Sophomore Classes, divided into six sections. There should be at least eight sections for the best work. The large amount of time and labor required for these two lowest classes has cut down the higher classes to four and seriously crippled the department.

The state of affairs in other departments is very similar. It is absolutely essential that relief be obtained if efficient work is to be done. I would suggest the following appropriations providing for the relief of the teaching force and increasing its efficiency. I also call attention to other needs.

Insurance of the buildings,	\$1,000
Enlargement of Summer School,	1,500
Assistant professor of Mathematics and Engineering,	1,250
Instructor in Mathematics,	500
Assistant professor of English,	1,250
Assistant professor of Biology,	1,250
Assistant professor of Physics,	1,250
Assistant professor of Latin,	1,250
Assistant professor of Modern Languages,	1,250
Instructor in Greek,	500
Instructor in Geology,	500

Instructor in Chemistry,	750
Instructor in History,	750
Present annual deficit,	2,500

This would require \$15,000 additional appropriation on the part of the State. Should such an appropriation be given, I would recommend that these teachers be added in the course of two years, some immediately, and others later where the demand is less imperative, meanwhile using the surplus to provide apparatus, etc. The reports of the professors show that they need many thousand dollars for such equipments.

#### THE STATE APPROPRIATION.

The State now appropriates \$25,000 annually to the University. *Fifteen years ago the appropriation, together with the Land Grant fund, amounted to \$27,500 and there were only 200 students to be taught.* The least income received from the State (or State and Government) by a Southern State University is \$27,000, in the case of South Carolina, and the largest, \$72,500, in the case of Texas. The average is \$55,043. The average total income of the five Southern State Universities having the same rank as this is \$117,640. The University of North Carolina, on the smallest income, has to teach more students than any other, except the universities of Texas and Virginia, and more male academic students than any other institution in the South.

Permit me to add that the State of North Carolina cannot expect the University to keep up its efficiency much longer on its present income. The demand upon time and energy is too great. Men of talent and ambition must have such release from excessive demands upon their time that they may develop themselves and their departments.

The State has in this University its most potent factor for the uplifting of the people, for the blessing of the whole land. Within the next year or two it can be starved into a position of mediocrity and inefficiency or it can be raised above want, infused with fresh strength and become in the new century, as it has been in the past, the pride and the glory of the State, a shining light for all the people.

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## THE INCREASED APPROPRIATION.

At the recent session of the Legislature the appropriation to the University was increased from \$25,000 to \$37,500. Those who have known the struggle of this institution with poverty, for the past twenty-five years, can form some idea of what this increase means in the way of strengthening, development and hope for the future.

The development of the University had been pushed beyond its financial strength, so that for the last year or so there has been an annually increasing deficit to face. Besides this, there

was greater difficulty each year in arranging for the proper instruction of the largely increased number of students. Some of the higher classes had been necessarily neglected, many of the lower ones were filled to overflowing, and the teaching force was inadequate for their proper subdivision.

New strength, new hope, new life have been imparted to the University by this help to its treasury. The opportunities for undergraduate academic instruction must and shall be as thorough and as good as can be obtained anywhere in the country. The highest possible service

shall be returned to the State.

Only a portion of this new fund will be available for increasing the teaching force this year. Gradually, however, the whole of it will be devoted to strengthening the various departments. Where there are so many demands and urgent needs, it will require great care and wisdom to make the best disposition of the money. To this end, a committee of the Trustees will meet in April, and after careful consideration map out a plan of distribution to be acted upon by the full Board of Trustees at their Commencement meeting.

#### THE SUMMER SCHOOL.

The approaching session of the Summer School is the seventh in its history. It will open on June 17 and last three weeks, closing July 6. The Summer Term opens also on June 17 and lasts six weeks, until July 27. Those attending the Summer School have the privilege of attending any classes of the Summer Term without extra charge.

Every effort has been made to have this one of the best and most successful of the Summer Schools. There will be more than thirty teachers and lecturers in the two courses. Among them may be mentioned: Professor W. R. Garrett, of the Peabody Normal College of Nashville, who will teach United States History; Professor Joseph Lustrat, of the University of Georgia, who will have the department of Romance languages; and Professor Euler B. Smith, of the State Normal College of Georgia, who will teach English.

A special course of lectures upon English Literature has been arranged, to be given by Professor D. H. Hill, of the A. & M. College (three lectures); Professor Benjamin Sledd, of Wake Forest (three lectures); Dr. Hume, of the University (three lectures).

There will also be a course in Nature study. Professor G. F. Atkinson, Professor of Botany in Cornell University, on Botany; Mr. Sherman, N. C. Department of Agriculture, Insects; Professor T. G. Pearson, Guilford College, Birds; Professor Collier Cobb, Geology; Professor Gore, Physics; and Dr. Venable, Chemistry.

In the Summer Term, University courses will be offered. These will count for definite portions of the regular session's work, and offer an excellent opportunity for deficient students to make up back work, or for new students to shorten the period required for graduation. Possibly the advantage offered to teachers is greater than to any other class, for they can thus secure regular University instruction in special courses during a part of their vacation.

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#### THE BEGINNINGS OF THE UNIVERSITY.

In November 1784, after a coy hesitation of a year, North Carolina entered the American Union. In the next month the General Assembly took the first step towards carrying into effect the mandate of the Constitution in regard to a University by granting a charter. No present funds were provided for making the charter operative, but grants were made of two uncertain and shadowy claims, one of which, after long delay, by the wise management of the Trustees, realized substantial sums. The first was arrears due from sheriffs and other officers prior to January 1st, 1783. As these debts were six years old, they were mostly uncollectible and only \$2706.41 appears to have been paid into the Treasury, the principal of which could not by the act of Assembly be used.

The other legislative grant was more valuable—such lands as should escheat to the State in consequence of the last owner dying without heirs. This included unclaimed land warrants, which had been granted to officers and soldiers

of the North Carolina Line in the Revolution, many of whom died without heirs. There were two formidable objections in the way of making these warrants available. One was that they were to be located in the western part of Tennessee, which was then possessed by the Chickasaw Indians; the other was that Tennessee became a State in 1796 and claimed for herself all escheated lands and warrants by virtue of her own sovereignty. It was not long before the possessory title of the Indians was extinguished by the United States, but it was only after about thirty years of active and diplomatic efforts that Tennessee conceded to the University one third of the claims, keeping two thirds for two of her own colleges. Over \$200,000 was collected eventually from this source, \$150,000 of which constituted our endowment, which was swept away by the civil war. The 20,000 acres donated by Governor Smith and about 9000 by Major Gerrard were sold about the same time and the proceeds went into Gerrard Hall and the Old West Building. It appears, then, that the University was started on an almost moneyless foundation. Fortunately it had a supporter, William Richardson Davie, whose Revolutionary experience had taught him to be daunted by no odds. He combined pluck and perseverance with large and farseeing views. He brought to the task of providing for higher education his eloquence, his persuasive address, his pen and his purse.

The first meeting of the Board of Trustees was in Fayetteville on the 18th of December, 1789, some days after the ratification of the charter. The chairman was the Speaker of the Senate, Charles Johnson, of Bertie, akin to Governor Gabriel and Governor Samuel Johnston, notwithstanding that, to escape prosecution, after fighting against Cumberland, the Butcher, at Culloden, he struck the letter *t* out of his name. The others present were Stephen Cabarrus, of Chowan, Speaker of the House, General

Benjamin Smith, of Brunswick, afterwards Governor, Hugh Williams, of Granville, who gave the money to finish Person Hall, William Lewis, of Wilson, a hero of King's Mountain, Robert Dixon, of Duplin, John Hamilton, of Guilford, Frederick Hargett, of Jones, James Holland, of Rutherford, John Stokes, of Surry, Wm. Blount, of Tennessee, Wm. Porter, of Rutherford, Joseph Dixon, of Lincoln. Alexander Mebane, of Orange, Wm. R. Davie, of Halifax, James Hogg, of Orange. It was at this meeting that Davie was privileged to present the donation of the 20,000 acres of land warrants by General Smith, heretofore mentioned. Davie and Hogg were requested to prepare subscription papers for soliciting funds for erecting buildings. \$6,550 was raised. The largest subscribers were William Cain, great-grandfather of our Professor of Mathematics, and Alfred Moore, late Attorney General, soon to be a judge of the Supreme Court of the United States, who gave \$200 each. Walter Alves, son of James Hogg, who, tradition says, changed his name to secure Miss Johnston, the belle of the county, gave \$200, the bequest of his father-in-law. The \$100 subscribers were Jesse Nevill, of Orange, Wm. R. Davie, Willie Jones and Nicholas Long, of Halifax, John Burgwin, of Wilmington, Richard Dobbs Speight, Joseph Leach, Daniel Carthy, George Pollock and Wilson Blount, of New Berne. It was chiefly from the subscription receipts that the Trustees were enabled to begin the erection of the Old East, and the President's House, now Prof. Gore's. To finish them the General Assembly in 1794 loaned the institution \$10,000, which was afterwards converted into a gift.

KEMP P. BATTLE

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#### CENTRAL HEATING PLANT.

The installation of a central heating plant for the University buildings were brought to the attention of the Trustees at their January meet

ing. The matter was referred to a special committee, consisting of Dr. Richard H. Lewis and Mr. John A. Roebling, of the Trustees, and President Venable and Prof. J. W. Gore, of the Faculty, with authority to act.

This committee met at the University, and after considering the desirability of some such system of heating and an approximate estimate of the cost furnished by a reliable contractor, decided to install a central heating plant, steam or hot water, using the direct-indirect system of radiation. At the request of the committee, Prof. Gore has visited Washington, Philadelphia and New York for the purpose of studying the best practice in steam and hot-water heating, and to consult heat engineers as to the system that would be best adapted to our climate and local conditions. As soon as some estimates are received, he will make his report.

#### MEETINGS OF LEARNED SOCIETIES.

##### ELISHA MITCHELL SCIENTIFIC SOCIETY.

Feb. 12th, 132nd meeting.

*Porto Rican Sponges.* Mr. H. V. Wilson.

*Transmutation of Phosphorus into Arsenic.* Mr. I. F. Harris.

March 12th, 133rd Meeting.

*A Marsupial Track in the Triassic.* Mr. Collier Cobb.

*A True Antidote for Carbolic Acid.* Mr. E. V. Howell.

*Yellow Fever and Mosquitos.* Dr. R. H. Whitehead.

*The World's Production of Iron and Steel.* Mr. Chas. Baskerville.

##### THE NORTH CAROLINA HISTORICAL SOCIETY.

February 11th and March 18th.

*A Chapter in the History of Prices in North Carolina.* Mr. N. R. Blackman.

*The Ku-Klux-Klan in North Carolina.* Mr. G. V. Roberts.

*A Sketch of Dr. Elhelred Philips, of Edgecombe and Florida, a Student of 1817.*

*Social Life in Chapel Hill Eighty Years Ago.* Dr. K. P. Battle.

*The Early Post-Revolutionary Judiciary.* Mr. E. C. Sallenger.

*The State vs. Will.* Mr. I. F. Lewis.

*The State of Franklin.* Mr. E. Alexander.

*History of the University.* Mr. B. B. Bobbitt.

*Commodore Johnston Blakeley, the Hero of the War of 1812.* Mr. Hugh Smith.

*Selection of the Seat of Government in this State.* Miss Rodman.

*The Committee of Safety of Rowan.* Mr. Whitehead Kluttz.

#### THE SHAKSPERE CLUB.

January 15th.

*Shakspeare's Face.* Mr. J. W. Turrentine.

*The Tragic Method of Shakspeare and Racine.* Mr. J. Warshaw.

March 11th.

*Sir Philip Sidney, Poet or Lover?* Mr. F. M. Osborne.

*Sidney's Arcadia and its Influence on Later Literary Forms.* Dr. Thomas Hume.

*Ben Johnson's Type-Comedy (the Alchemist).* Mr. J. C. B. Ehringhaus.

#### THE ROUND TABLE.

*December.* Question: The Emperor William's View of Imperial Authority. Presented by Messrs. Toy and Linscott.

*January.* The Ship Subsidy Bill. Presented by Messrs. Williams and Wheeler.

*February.* The Problem of Child Labor in Factories. Presented by Mr. Baskerville.

*March.* The Victorian Era. Presented by Messrs. Hume and Henderson. At each meeting, the subject is presented by one or more members, and a discussion follows in which those present take part.

**SUBSCRIPTIONS TO THE ALUMNI  
BUILDING.**

In the previous list (RECORD, Vol. VI., III) the name of E. M. Armfield was omitted. Since then, W. R. Kenan has added \$100.00 to his former subscription. The following additional subscriptions have been received:

G. W. Edwards, '85-'88; H. F. Shaffner, Ph.B. '87; J. K. Norfleet, '87-'88; H. E. Rondthaler, Ph.B. '93; W. A. Blair; Geo. R. Lybrook, '92-'94; J. W. Fries, '66-'68; S. P. Graves, '94-'97; John M. Dick, '79-'83; P. D. Gold, A.B. '98; C. G. Wright, '82-'86; C. F. Cromer, '98-'99; P. A. Gorrell, '95-'97; D. H. Blair, law, '97-'99; A. Bitting, '96-'99; A. H. Eller, A.B. '85; L. M. Swink, A.B. '94; W. M. Hendren, '90-'92, law '93-'95; A. D. Reynolds, '97-'99; G. R. Swink, '95-'98; W. S. Pfohl, '91-'92; M. G. Follin; Dr. D. N. Dalton, '77-'79; R. P. Gibson, '98-'00; J. L. Crowell, '85-'88, law '88-'89; F. B. McKinne, '91-'94; E. H. Brown, '98-'99; A. R. Hoover, '98-'99; W. H. Gibson, '97-'00; S. W. Williams, '93-'94; J. D. Lentz, Litt.B. '97; H. A. Banks, '91-'92; C. Brenizer, law '97-'98; T. L. Kirkpatrick; F. C. Abbott; J. M. Morehead, A.B. '86; D. A. Tedder, law '99; J. M. Oldham, A.B. '94; E. B. Graham, '93-'95; J. M. Craig, '99-'00; G. M. Graham, Ph.B. '91; P. M. Thompson, '94-'97; W. A. Graham, '82-'84; S. T. King; G. G. Stephens, Ph.B. '96; V. C. McAdoo, '93-'95; A. M. Scales, '88-'90, law '92-'93; J. I. Scales, '99-'00; A. B. Kimball, Ph.B., '95; Kerr Craige, '59-'61; J. H. McNeely; W. Murphy, '89-'90, law, '92-'94; C. L. Coon; W. H. Crawford, '93-'94; W. L. Kluttz, A.B. '99; W. C. Kluttz, S.B. '95; J. M. Julian, '91-'92; J. F. Gaither, S.B. '95; F. L. Robbins, '88-'90; John Whitehead; W. W. McKenzie, med. '90-'91; E. C. Gregory, A.B. '96; W. W. Woodson; J. A. Caldwell, S.B. '99; A. H. Price, '91-'94, law '94-'95; H. G. Hellig, med. '95-'97; W. C. Lane, A.B. '97; J. H. Thompson, '94-'95; S. L. Davis, Ph.B. '92; J. Adderton, '93-'95; W. P. Ragan, '94-'95; H. Davis, A.B. '88;

G. H. Crowell, Ph.B. '92; R. L. Patterson, '89-'90; J. Parker.

**MR. GALES'S WORK.**

Some months ago the faculty, in connection with the Young Men's Christian Association of the University of North Carolina, invited the evangelist, Mr. Weston R. Gales, of Montreat, N. C., to hold a series of services in the University Chapel during the week from February 23 to March 3. For a week before Mr. Gales's coming an earnest band of Christian workers in the University met nightly in the Association's rooms to prepare for him by earnest prayers that a special blessing might be poured out upon the University during this meeting. These prayers, and others which were offered throughout the State, were richly answered, for during the whole week the services were largely attended by the boys, and as a result of Mr. Gales's earnest presentation of the Gospel truth and heart-to-heart talks, some twenty-five young men professed faith in Christ, while about an equal number made public declaration of their consecration to the Master.

At the earnest request of the pastors of the various churches Mr. Gales remained in Chapel Hill the following week, conducting a union meeting in the Methodist church, which was largely attended by the students and the people of the village. There were equally as many professions at this second meeting as at the first. During these meetings God came very close to men and a work, whose full extent will be measured only in eternity, was done among the young men gathered here.

Just here it might be fitting to add a word with reference to the mission work done under the auspices of the Y. M. C. A. of the University. There are four organized classes for the purpose of studying the Bible and personal work

among the boys. Each of these classes is led by members of the Association. In addition to this, the work has extended beyond the student body, and four Sunday Schools are conducted in the neighborhood, with the hope of sowing the seed of an abundant harvest.—*Presbyterian Standard*.

#### THE CLASS OF '91

will hold a reunion on its tenth anniversary. The time selected is Tuesday of Commencement week. The graduates of '91 were:

W. J. Andrews, Raleigh.  
 W. W. Ashe, Raleigh.  
 M. W. Ball, Concord.  
 Francis H. Batchelor,\* Raleigh.  
 Shepherd Bryan, Atlanta, Ga.  
 Rev. J. L. Cuninggim, N. C. Conference.  
 Geo. H. Currie, Clarkton.  
 Palmer Dalrymple, Jonesboro.  
 W. W. Davies, Louisville, Ky.  
 R. R. Eason, Elizabeth City.  
 Dr. J. M. Fleming, Raleigh.  
 Geo. M. Graham, New York.  
 Paul C. Graham, Durham.  
 J. V. Lewis, Clemson College, S. C.  
 E. R. McKethan, Fayetteville.  
 Dr. C. S. Mangum, Chapel Hill.  
 J. M. Morehead, Chicago, Ill.  
 A. H. Patterson, Athens, Ga.  
 George Ransom, Weldon.  
 H. B. Shaw, Columbia, Mo.  
 W. L. Spoon, Graham.  
 S. C. Thompson, Cedar Cliff.  
 Wm. H. Wills, New York.

The latest known addresses are given, and corrections are requested. Many of the graduates, as well as former members of the class, have expressed their intention to be present at the reunion.

\* Dead.

Francis D. Winston, A.B. '79, has been appointed Superior Court Judge for the second district.

#### ONE HUNDRED AND SIXTH ANNUAL COMMENCEMENT, JUNE 2, 3, 4, 5, 1901.

SUNDAY, JUNE 2.

11 A.M. Baccalaureate Sermon. Rev. Carter Helm Jones, D.D., of Louisville, Ky.

MONDAY, JUNE 3.

8 P.M. Reunion of the Literary Societies.

TUESDAY, JUNE 4.

10 A.M. Senior Class Exercises.

12 M. Reunion of the Class of 1891.

12:30 P.M. Alumni Address, by Locke Craig, Esquire, of Asheville, N. C.

1:30 P.M. Alumni Luncheon.

3:30 P.M. Meeting of the Board of Trustees.

5:30 P.M. Closing Exercises of the Senior Class.

8 P.M. Annual Debate between the Dialectic and Philanthropic Societies.

10 P.M. Faculty Reception.

WEDNESDAY, JUNE 5—COMMENCEMENT DAY.

Address by Dr. J. H. Kirkland, Chancellor of Vanderbilt University.

The President's Report.

Delivery of Diplomas, by Governor Aycock.

Presentation of Bibles.

#### JAMES SPRUNT MONOGRAPH, NO. 2.

The Congressional Career of Nathaniel Macon, by Edwin Mood Wilson, A.B., A.M., followed by letters of Mr. Macon and Willie P. Mangum, with notes by Kemp P. Battle, LL.D.

This publication by the University is very timely, as there is a marked revival of the popularity of Nathaniel Macon, or as he was lovingly called "Old Nat. Macon." At this crisis in the history of the United States, it is interesting to have disclosed to us the public conduct and the constitutional views of a man of thorough honesty of purpose and of a conservatism which

rivalled and even exceeded that of Jefferson and Madison. It is notable that he concluded that the Constitution had been destroyed by the liberal constructionists three-quarters of a century ago, before Jackson was seated in the Presidential chair. It is really pitiable to read the laments of the sturdy old Revolutionary soldier and States-Rights Senator, as he stood in his opinion well-nigh solitary amid the wrecked fragments of the structure reared by the fathers of our government.

Mr. Wilson has done his work well. His treatise was prepared as part of his course in History, while at the University of North Carolina.

The notes of Dr. Battle are very full and explain all allusions in the text, his purpose evidently being to aid readers not thoroughly familiar with our history, as well as to save others the trouble of hunting up dates and names.

Mr. James Sprunt deserves the gratitude of all for his wise munificence in enabling the University to make publications of such great historic value.

#### NOTES.

W. B. Snow, A.B. '93, has been appointed Attorney for Wake county.

A. L. Fitzgerald, A.B. '62, is one of the Supreme Court Judges of Nevada.

Dr. Alderman was formally inaugurated President of Tulane University on March 12.

H. L. Miller, Ph.B. '90, was married on April 10th to Miss Purden Smith, of York, Pa.

Perrin Busbee, Ph.B. '93, has accepted the position of Private Secretary to Senator Simmons.

Isaac F. Harris, B.S. 1900, is Assistant Chem-

ist in the Connecticut Experiment Station at New Haven.

Olin Wellborn, '61, is U. S. District Judge of the Southern District of California, with residence at Los Angeles.

W. S. Wilson, Ph.B. '99, recently a member of the House of Representatives from Caswell, has been appointed Corporation Clerk.

The annual address before the Law School will be delivered May 7th by Hon. Richard H. Battle, LL.D.

L. C. Van Noppen, B.L. '92, delivered the Holland Society lectures on Dutch Literature at Columbia University February 26-March 29.

R. B. Albertson, Ph.B. '81, who went to Seattle some years ago, has been elected Speaker of the House of Representatives of Washington.

W. E. Hearn, B.S. 1900, T. D. Rice, Ph.B. 1900, and F. Bennett, Jr., '01, have accepted positions on the U. S. Government Soil Survey.

President Venable, by appointment of the Secretary of the Treasury, served as a member of the Assay Commission, which met in Philadelphia February 13th.

Charles A. Cook, 1866-'68, has been appointed a Judge of the Supreme Court, to fill the vacancy caused by the elevation of Judge Furches to the Chief Justiceship.

Guy Carleton Lee, LL.B. '95, whose book on "Historical Jurisprudence" has had marked success, has taken up the duties of Literary Editor of the *Baltimore Sun*, in addition to his work in the Department of History at Johns' Hopkins.

The December number of the *Atlanta Journal-Record of Medicine* contains an article by Dr. Michael Hoke, B.C.E. '93, on "The Treatment of Chronic Osteo-Arthritis and Rheumatoid Arthritis of the Feet, Knees, and Spine."

Dr. Chas. Baskerville has an article in the January number of the *American Fertilizer* on "Complaints Against Factories; the Wisdom of the Control of the Escape of Noxious Fumes and Contamination of Streams by Manufacturing Enterprises."

An unusually large number of the Alumni will be present at Commencement. The Alumni Address will be delivered on Tuesday, June 4th, by Locke Craig, Esquire. After the address, luncheon will be served, followed by short talks. There will be no formal speeches at the luncheon.

Dr. Thomas Hume has delivered the following addresses and lectures during the current year:

*The Brownings*, at the Valley Seminary, Waynesboro, Va.

*The Spiritual Element in the Development of Character*, Presbyterian Church, Raleigh.

*The Hymns of the Ages: Their History and Use*, Peace Institute, Raleigh, and Oxford Female Seminary.

A Series of lectures at the Hollins Institute-Va: *The Literary Study of the Bible; Shakspeare and the Bible; The Arthurian; The Autobiographical Element in Bunyan's Pilgrim's Progress; Culture and Worldliness.*

*Shakspeare's Personality*, before the Oxford Shakspeare Club.

*A Century of Religious Culture*, before the Mt. Zion Association. Graham.

#### NECROLOGY.

- ALSTON, JUNIUS A., Chatham county. Student 1848-49. Farmer. State Representative, 1883 and 1885. Died July 9, 1900.
- BUXTON, RALPH POTTS, Fayetteville. A.B. 1845. Member of Conventions of 1861 and 1875. State Senator. Judge of the Superior Court. Trustee of U. N. C. Born 1826, died November 6, 1900.
- CAMERON, JOHN WILDER. Matriculated from Fayetteville, N. C. A.B. 1848. Lawyer. In Government service. Major C. S. A. Manager of Hotel, Savannah, Ga. Born 1828, died March 1901, in Baltimore, Md.
- ERWIN, SAMUEL JETHRO, Lincolnton. A.B. 1847. Teacher in Jackson county, Fla. Superintendent of Public Schools. Planter. Born 1824, died February 23, 1901.
- GRAHAM, STEPHEN, Duplin county. A.B. 1841. State Representative 1847-49. Planter. Died March 1, 1901.
- LANE, WILLIAM WALTER, Wilmington. A.B. 1852. M.D. University of New York. Born 1831, died February, 1901.
- MONROE, STANBURY MARTAIN, Fayetteville. Student 1898-1900. Teacher at Cameron. Born February 24, 1878, died March, 1901.
- NICHOLSON, HUNTER, Columbia, Tennessee. A.B. 1855. Major and Assistant Adjutant General C. S. A. Journalist. Professor of Agriculture and Natural History, University of Tennessee at Knoxville. Planter. Born June 9, 1834, died March 5, 1901.
- SMITH, BENJAMIN GORDON, Scotland Neck. A.B. 1858. Captain C. S. A. Planter. Born April 3, 1838, died February 5, 1901.
- WEBB, JAMES, JR., Hillsboro. Student 1895-'97. Merchant. Died January 31, 1901.
- WHYTE, THOMAS EDWARD, Chapel Hill. A.B. 1845. Physician. Surgeon C. S. A. Born 1827, died February 22, 1900, a resident of Bond, Miss.
- WHYTE, WILLIAM JOSEPH, Chapel Hill. A.B. 1850. Teacher in Alabama, Mississippi and Louisiana. Born 1851, died January 7, 1901, at New Orleans.

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must not take back to God an empty hand, but recognizing the divinity of labor, the stewardship of money, time, talents, we must develop our individuality, dedicating all that culture makes us and brings to us to the service of truth and humanity.

MONDAY, JUNE 3rd.

At 8 P.M. anniversary meetings were held in the halls of the Dialectic and the Philanthropic Literary Societies. Many of the old members were present, and made enthusiastic speeches. Nearly every college and university has societies which, in a general way, resemble these, but probably there are none anywhere that succeed, and have succeeded for more than a hundred years, in doing as much for their members. Persons from other institutions, who see their working, have said that nothing to be compared with them is known elsewhere.

TUESDAY, JUNE 4th.

At 9:30 A.M., the Seniors attended prayers in the Chapel for the last time as a class. Impressive services were conducted by Dr. Hume.

An hour later, the Class Day exercises were held in Gerrard Hall. Mr. D. M. Swink, President of the class, welcomed the large audience present. Mr. W. B. Speas read the class history; Mr. W. H. Swift, the prophecy; and Mr. F. B. Rankin, the last will and testament.

The class gift was then presented, the address being made by Mr. Eben Alexander, Jr. The gift selected this year is a splendid cast of the Athena, or Minerva, Giustiniani. It is of heroic size, and made, from a mould prepared by the best mould-maker in Rome, from the marble statue in the Vatican. Hon. A. M. Scales, of the class of 1891, accepted the gift in behalf of the Trustees.

In closing, he said:

"You have, young gentlemen, in your love and gratitude to your alma mater, made her a most handsome present—and it is my pleasant privilege to accept it in her behalf. The fac-

ulty and trustees would indeed be ungrateful, if they were not deeply touched by this evidence of your warm hearted generosity and of your loyalty and love for this University, so dear to you, to us, and to our ancestors. Possibly no classical divinity touched so many phases of life as did Minerva; her festivals were celebrated by scholars, poets, painters, sculptors, spinners, weavers, fullers and cobblers, all and many more being under the care and protection of the goddess of wisdom, of the liberal arts and sciences, of skilled labor and of scientific warfare. And so, the influence of the University is felt in all phases of North Carolina life, and if as some allege, we have in North Carolina paid too much attention to the learned professions, we now realize the fact that the training and broadening of the mind is not lost in any calling. And however much the man who draws a million dollar salary may decry a higher education, we can but believe that he himself would be even better equipped for his work and a more valuable man to his employers, a man of broader views and more capable of enjoying life, if he had first been blessed with a higher education. And so, inspired by your support and that of the thousands of alumni, we shall strive more and more to put this inestimable privilege within the reach of all of our North Carolina youth.

"We will put this beautiful cast where it will be an inspiration to those who come after you, and where it will serve as a reminder of this occasion and of you."

When these exercises had been concluded, the Alumni Address was delivered by Hon. Locke Craig, of the class of 1880. We regret that the limits of THE RECORD do not permit the publication of the entire address. It can be found in the daily newspapers of June 5th, and should be read in its entirety, even though an oration so strong and eloquent loses much when read and not heard. We cannot refrain from quoting parts of it:

The people of North Carolina must prepare themselves for new conditions and greater responsibilities. The utmost endeavor of the human intellect, and the utmost energy of human character are demanded. Her people

must be educated. In the years that followed the war she was poor. Her industries had been destroyed, her social system swept away, her children had been slain. She had been smitten and smitten again by the cruel, relentless hand of civil conflict. In her poverty and misfortune she gave of her necessities for the education of her boys and girls, and reopened for her young men the doors of her university. Now in the day of her prosperity, when she is great in agriculture, when she is developing her mines, building cotton mills and railroads and cities, she is building up the manhood and womanhood. As stated by Governor Aycock in New York she is giving more for education than for all the departments of the State Government. She is a State of strong conservatism: not that conservatism that prefers the old wrong to the new right, not the conservatism that toadies to power and wealth and vested privilege, but she is slow to quit the old ways, cautious to walk in the new. Arouse her and she is thorough. She burns and glows like the furnace that is fed with coal, yea with anthracite coal. She has deterred to have an enlightened citizenship, it has been written in her organic law; a new Renaissance has begun. In the fields of the East there is a dawning in the light of a grander morning and on the mountain tops there is the day spring of a grander destiny. This University, as the head and front of our public school system, is responsible for the advancement of this educational movement, and her alumni must be her foremost Apostles.

\* \* \*

We ascribe all honor to the great and good that have endowed this institution with their gifts, whether those gifts be great or small. They build to themselves "monuments more durable than brass and loftier than the royal built pyramids." They deserve and will receive the grateful admiration of the men of North Carolina. But this must forever be the State University, fostered and sustained by all the people, and ministering to their highest demands. Let her never be dependent upon any man or party. She can with all confidence rely upon the patriotism and justice of the people.

\* \* \*

Hitherto the University has been a most potential influence in the life of the State. Her alumni have been the brightest jewels of the

commonwealth, and adorn her history in war, agriculture, art, science, politics and religion. Her opportunities are greater today than ever before. More is demanded of her, and the people of the State must provide her with the means to meet the requirements of the time and to fulfil her great destiny. We hope and believe in the revival of learning in this era of the State's upbuilding; the University under the administration of her newly elected, scholarly, energetic and able president, is entering upon her golden age of usefulness and greatness.

The young men who go from these halls must be the builders of the State, the architects of her institutions and her laws. They go equipped with learning, broadened by culture, and strong in the virtues that make the man and the leaders of men—"With power on this dark line to lighten, and power on this dead world to make it live."

At 1:30 P. M., luncheon was served for the Alumni in Commons Hall. Col. Thomas S. Kenan, of the class of 1857, presided and about two hundred of the Alumni were present. Rev. J. William Jones, D. D., asked the divine blessing. After the luncheon, Mr. James C. Taylor, of the class of 1877, made his report as Secretary of the Association. President Venable spoke of the work of the University during the past year. There were no set speeches, but short talks were by Messrs. Josephus Daniels, '85, Chas. D. McIver, '81, Fred. Phillips, '58, W. H. Swift, '01, E. M. Armfield, '88, J. S. Manning, '79, Paul B. Means, '68, and W. S. Wilson, '99. After a report by the Treasurer, Mr. E. L. Harris, '81, the Association adjourned.

In the afternoon, the annual meeting of the Board of Trustees was held in Person Hall.

The report of the Visiting Committee, Messrs. Lindsay Patterson, John W. Fries, and Dr. R. H. Lewis, was received and adopted. The following additions to the faculty, and changes of title, were made:

Professor of Physiology,—Isaac H. Manning, M. D.

Professor of Theoretical Chemistry,—F. P. Venable, Ph. D.

Professor of Germanic Languages and Literature,—W. D. Toy, M. A.

Associate Professor of Romance Languages and Literature,—Election postponed until July.

Associate Professor of Economics and History,—Chas. L. Raper, A. M.

Instructor in Latin,—T. J. Wilson, Ph. D.

Instructor in Greek,—W. S. Bernard, A. B.

Instructor in Physical Chemistry,—J. E. Mills, Ph. D.

Instructor in Physics,—J. E. Latta, A. M.

Instructor in Biology,—C. A. Shore, B. S.

Librarian,—L. R. Wilson, A. B.

Assistant in Modern Languages,—Palmer Cobb, Ph. B.

Assistant in Pharmacy,—B. F. Page.

Assistants in Mathematics,—R. N. Duffy, and M. H. Stacy.

Assistants in Geology,—R. G. Lassiter, and R. A. Lichtenthaeler.

Assistant in Chemistry,—R. O. E. Davis, Ph. B.

Assistant in Biology,—Dorman S.<sup>1</sup> Thompson, Ph. B.

Assistant in English,—Jas. K. Hall, A. B.

Late in the afternoon, the closing exercises of the Senior Class, on the campus and around the Davie Poplar, were enjoyed by a large crowd of visitors.

At 8:30 P. M., the annual debate, for the President's prize, between the Dialectic and the Philanthropic Literary Societies, was held in Gerrard Hall. The query was: Resolved, That Congress should pass a Ship-subsidy Bill. Messrs. S. J. Everett and E. D. Sallenger, representing the Philanthropic Society, supported the affirmative; and Messrs. H. M. Robins and G. V. Roberts, of the Dialectic Society, the negative. The decision was in favor of the affirmative.

At the close of the debate, the President and Faculty gave a reception in Commons Hall which was attended by a large number of visitors. Refreshments were served. This recep-

tion is one of the most enjoyable features of commencement week.

WEDNESDAY, JUNE 5th.

The exercises of Commencement Day were opened at 10:30 A. M. with prayer by the Right Reverend Joseph Blount Cheshire, D. D.

President Venable read the titles of theses offered by candidates for degrees, after which orations were delivered by the four speakers selected:

C. P. Coble. *Individualism as a World Movement.*

E. C. Willis. *The Man and the Trust.*

D. S. Thompson. *The Opportunity of a State.*

W. H. Swift. *The Organization of Capital.*

A scholarly address by Dr. J. H. Kirkland, Chancellor of Vanderbilt University, followed.

Medals and prizes were awarded:

THE HOLT MEDAL, R. N. Duffy.

THE HUME MEDAL, L. L. Stevens.

THE HILL PRIZE, E. D. Sallenger.

THE HARRIS PRIZE, E. G. Alexander and J. K. Hall.

THE GREEK PRIZE, J. R. Giles.

THE WORTH PRIZE, D. M. Swink.

THE DEBATORS' PRIZE. The Philanthropic Society, represented by S. J. Everett and E. D. Sallenger.

THE BRADHAM PRIZE, J. M. Cutchins, Jr.

THE MANGUM MEDAL, D. S. Thompson.

President Venable in making his report said:

It is eminently fitting that a report as to the condition of the University should be made directly to the people of the State of North Carolina. A better opportunity to do so could scarcely be found than before this goodly assemblage, representing as it does so many of the interests and such diverse sections of the State. As the one, then, to whom has been entrusted in part the high duty and responsibility of caring for the welfare and guiding the destinies of this noble and historic institution, the greatest thing in the State, I make to you my report of this the

one hundred and sixth session, the first session of the twentieth century.

The year that has just passed has been one of many blessings. There has been uniform good health of teachers and taught. Just one sad death from this great number. Hard and faithful work has been done in training for the higher usefulness in life. Good order has been observed with but little serious infraction of the rules, the general spirit prevailing having been one of courtesy and mutual respect and consideration. And all, both faculty and students, have united in the upbuilding of this institution which they love.

The faculty during the past year have numbered thirty-five. This number the trustees have just increased to forty-three. The students have numbered 527, or including the Summer School 598. Of these, 486 are from North Carolina, an evidence that the University is striving to do its whole duty for the State.

With such numbers crowding to her doors the University has been hard put to it to provide suitable accommodations and the proper teaching force. The State has come to her aid as it should and increased the annual appropriation from \$25,000 to \$37,500. It is not too much to say that this has put new hope and new life into the University and the future opens brightly before us. The new century shall see great deeds done in the service of the people.

The trustees have made wise investment of the funds entrusted to them by various donors, and these past two years have seen improvements here to the amount of \$120,000. Among these may be mentioned the Alumni Building, a noble memorial from the loving sons of the University, the Carr building, coming from that great-hearted, generous-handed alumnus, Julian S. Carr, and the Mary Ann Smith building, built from the legacy of one of the University's Marys of whom she is lovingly proud. Then there are the new water works, the heating plant, the new

athletic field and many other minor but most needful changes.

Victory is not the sole aim in athletics, nor in many other things in life, and yet there is much joy in victory as every college student knows. I deem it worthy to be mentioned that one of the inter-collegiate debates was won this year against brilliant antagonists, making five victories out of a total of seven debates. In football, out of the eight games played, one was lost; in baseball three out of fourteen were lost. In track athletics, a little group of five won the Southern championship against the heaviest odds. I do not unduly magnify this side of our life here nor do I apologize for thus treating with dignity so vital a thing as the striving for excellency and mastery.

One step forward on the part of the University made during this year has been the incorporation of the departments of Medicine and Pharmacy. This greatly strengthens both the University and these departments.

People of North Carolina, this is your University. Its glorious service in the past has been one of the chief factors in the development of this State. It stands today better prepared than ever for your advancement. I pray you to give it your grateful love and your cherishing care.

The report closed with the announcement of additions to the faculty published in another column.

Special certificates were awarded:

GREEK: J. K. Hall, A. C. Kerley, Susan W. Moses, K. B. Thigpen.

LATIN: J. R. Conley, William Davis, J. K. Hall, Susan W. Moses, K. B. Thigpen.

GERMAN: Palmer Cobb, Susan W. Moses, A. Shore.

FRENCH: Palmer Cobb, Susan W. Moses, L. L. Stevens.

ENGLISH: J. C. B. Ehringhaus, J. F. Stokes

PHYSICS: R. F. Jenkins, D. M. Swink.

CHEMISTRY: R. O. E. Davis.

BIOLOGY: C. A. Shore, J. W. Turrentine.

GEOLOGY: E. C. Gudger.

PEDAGOGY: J. E. Avent, J. R. Conley, B. S. Skinner, W. H. Swift.

The presentation of Bibles was made by Rev. J. A. B. Fry, D. D., in an address which touched the heart of every person present.

Governor Aycock, one, and one of the best, of the many Governors whom the University has trained for the service of the State, conferred degrees upon the following:

#### BACHELORS OF ARTS.

Eben Alexander, Jr.

Joseph Emery Avent, (*cum laude*).

Philip Hall Busbee, (*cum laude*).

Charles Paul Coble, (*cum laude*).

James Sion Cook.

Calvin Duvall Cowles, Jr., A.B., Guilford, 1900.

Bayard Thurman Cowper.

John Christoph B. Ehringhaus, (*cum laude*).

Archibald Wright Graham.

Emmet Carlyle Gudger, (*magna cum laude*).

James King Hall, (*magna cum laude*).

Wilton Daniel Harrington.

Metrah Makely, Jr.

William Alexander Murphy, (*cum laude*).

Nathanael Gross Newman, A.B., Elon, 1891.

Frank Bisener Rankin.

William McLelland Stevenson.

Kenneth Bayard Thigpen.

#### BACHELORS OF PHILOSOPHY.

Edward Barham Cobb.

Palmer Cobb, (*magna cum laude*).

James Robert Conley.

Royal Oscar Eugene Davis.

William Davis.

Arthur Worth Hardin.

John Lory Harris.

Robert Franklin Jenkins.

Luren Thomas Johnson.

Seaton Gales Lindsay.

Claude Robertson McIver.

John Wesley Roberts, Jr., PH.B., Elon, 1893.

Benjamin Smith Skinner.

Nathaniel Cooper Starke.

Luke Leary Stevens, (*cum laude*).

John Frank Stokes.

Wiley Hampton Swift, (*magna cum laude*).

Dorman Steele Thompson, (*magna cum laude*).

John William Turrentine, (*cum laude*).

Emmett Clive Willis.

#### BACHELORS OF SCIENCE.

Neill Robert Blackman, (*cum laude*).

Baird Urquhart Brooks.

Robert Lindsay Ellington, A.B., Guilford, 1900

Andrew Allgood Holmes.

John Gerald Murphy.

Aldert Smedes Root.

Clarence Albert Shore, (*magna cum laude*).

Wesley Bethel Speas.

David Maxwell Swink, (*cum laude*).

Herman Weil.

#### BACHELORS OF LAWS.

Plummer Stewart.

Orlando Hobson Sumpter.

Kingsland Van Winkle.

#### MASTER OF ARTS.

Alfred Rives Berkeley, A. B., 1900.

Benjamin Benson Lane, A. B., 1899.

James Edward Latta, PH.B., 1899.

David Preston Parker, A. B., 1900.

#### DOCTORS OF PHILOSOPHY.

Archibald Henderson, A. B. 1898, A. M. 1899.

James Edward Mills, A. B., Davidson, 1896, A.M.,

Davidson, 1900.

The Governor, in presenting the diplomas, made an able and eloquent address, which we hope to publish in the next issue of THE RECORD.

The benediction was pronounced by Bishop Cheshire, and the one hundred and sixth year of the University, the most successful in all its history, was ended.

#### THE CHIEF MARSHAL.

The Chief Marshal of 1901, the first in the new Century, is Ivey Foreman Lewis, who will graduate in 1902. His uncle, Ivey Foreman Lewis, was Chief Marshal in 1853, a planter in Alabama and a Colonel in the Confederate Army. This is the only instance in our record

of two persons of the same name holding [this honorable office in this institution.

Ivey Lewis's father, both grandfathers, a great-grandfather, and a great-great-grandfather, were all students at this University.

#### PUBLICATIONS AND ADDRESSES BY MEMBERS OF THE FACULTY.

Dr. Battle:

Notes to the Letters of Nathaniel Macon, in the James Sprunt Monograph. No. 2. 32 pages.

Sketches of the Presidents, and Presiding Professors or Chairmen of the Faculty of the University of North Carolina, in the Report of the Superintendent of Public Instruction for 1901. 27 pages.

Additional Sketches of the Old Schools and Teachers of N. C., with a list of the most prominent teachers from 1702 to 1850. Published in the same Report. 21 pages.

Sketch of Kemp Plummer, lawyer and State Senator of Warren County, a graduate of Hampden-Sidney College. In *The Kaleidoscope*, the Hampden-Sidney Annual. 5 pages.

Origin and First Year's History of the Dialectic and Philanthropic Societies. In *The Yackety Yack*, the University of North Carolina Annual. 7 pages.

Dr. Thos. Hume:

*Sacred Lyrics*. William Bingham School, Mebane, N. C.

*Mother Tongue*. Commencement Address, Asheboro Graded Schools, N. C.

*Literature and Morals*. Baccalaureate Oration, Southern Baptist Theological Seminary, Louisville, Ky.

Address before the Alumni Association of Richmond College, June 12th.

Prof. Collier Cobb:

*Recent Geographic Events*. (In Maury's Manual of Geography.) New York: University Publishing Co., 1900.

*Recent Facts in Physical Geography*. (In Maury's Physical Geography.) New York: University Publishing Co., 1900.

*Geography of North Carolina*. (In Redway and Hinman's Natural Advanced Geography.) New edition. New York: American Book Co., 1901.

Lectures:

*Yellowstone National Park*, Randleman Public Schools.

*Fossil Fields of Wyoming*, Worthville.

*The Education We Need*, Siler City Institute.

At the April Meeting of the N. C. Section of the American Chemical Society the following papers were presented from the Chemical Department of the University:

*A Basis of Scientific Thought; Contributions to the Chemistry of Thorium: Indications of the Probable Complexity of that Element; Notes from the Celebration of the 25th Anniversary of the American Chemical Society*; Dr. Chas. Baskerville. *On Some New Compounds of Zinc, Cadmium, and Mercury*, by the same author with Mr. I. F. Harris. *Recent Developments in Physiological Chemistry*, Dr. A. S. Wheeler. *Heat of Vaporization*, Dr. J. E. Mills.

Prof. Wm. Cain is getting out a new edition of one his volumes on Arches. Half of the volume will be new matter, pertaining to the very complicated case of ascertaining the stresses at any point of a steel-concrete arch bridge.

A previous volume on "On Solid and Braced Elastic Arches" has furnished a basis for practice for some years past, which the present volume supplements. On account of his work along these lines, a prominent engineer writes that "Prof. Cain is the leading expert on Arch Construction in the United States."

Some time ago, the city of Des Moines, Iowa, had a number of plans submitted by various engineering firms for an arch bridge of several hundred feet in length, and there was considerable dispute as to the sufficiency of some of the designs. To settle the question, all the plans, strain sheets, etc., of all the bridges were sent

to Prof. Cain for examination and report. This was a practical recognition of the value, both theoretically and practically, of Prof. Cain's works on Arches, and of his ability as an engineer.

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#### MEETINGS OF LEARNED SOCIETIES.

THE NORTH CAROLINA HISTORICAL SOCIETY.  
May 6th, 1901.

*The Congressional Career of Z. B. Vance*, Mr. M. H. Stacy.

*The Battle of Camden*, Mr. G. M. McKie.

#### THE ROUND TABLE.

April.

*Forests and Forest Reserves, and the Appalachian National Park*. Presented by Messrs. J. A. Holmes and J. H. Pratt.

May.

*A Modern Municipal Corporation*. Presented by Judge MacRae.

#### ELISHA MITCHELL SCIENTIFIC SOCIETY.

134th meeting, April 9th.

*First Aid to the Injured in the U. S. Army*, Dr. C. S. Mangum.

*The Work of the Commission for the Examination of the U. S. Mint*, President F. P. Venable.

135th meeting, May 14th.

*Transit Method for Laying Sewer Grades*, Prof. Wm. Cain.

*Acid of Crystallization*, Dr. Chas. Baskerville.

*The Probable Complexity of Thorium*, Dr. Chas. Baskerville.

*The Recent Geological Formations of the Mississippi Valley*, Prof. J. A. Holmes.

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#### ERRATA.

There were several typographical errors in Dr. Battle's article on "The Beginnings of the University," pp. 26-27 of the April number of THE

RECORD. The date 1784 of line one should, of course, have been 1789. The sentence beginning at the foot of column one, page 27, should have been printed as follows:

The others present were Stephen Cabarrus, of Chowan, Speaker of the House; General Benjamin Smith, of Buncombe, afterwards Governor; Hugh Williamson, of Chowan, the Historian; General Thomas Person, of Granville, who gave the money to finish Person Hall; William Lenoir, of Wilkes, a hero of King's Mountain; Robert Dixon, of Duplin; John Hamilton, of Guilford; Frederick Hargett, of Jones; James Holland, of Rutherford; John Stokes, of Surry; Wm. Blount, of Tennessee; Wm. Porter, of Rutherford; Joseph Dixon, of Lincoln; Alexander Mebane, of Orange; Wm. R. Davie, of Halifax; James Hogg, of Orange.

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#### NECROLOGY.

BAKER, JOSEPH HENRY, JR. Matriculated from Tarboro, N. C. A. B. 1887. Lawyer. Mayor of Rocky Mount. Died May 15, 1901.

GALLOWAY, JOHN MARION, Rockingham Co. A. B. 1854. Lawyer. Planter. Colonel C. S. A. Chairman of Board of County Commissioners. State Senator and Representative. Died May, 1901.

POOL, SOLOMON. Matriculated from Elizabeth City. A. B. 1853; A. M.; D. D. Tutor and Adjunct Professor of Mathematics U. N. C. 1853—1866. President U. N. C. 1868—1874. Methodist Minister N. C. Conference. Died April 8, 1901.

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