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THE

UNIVERSITY RECORD.

University of North Carolina.

VOL. V, NO. I. QUARTERLY, FIFTY CENTS A YEAR. OCTOBER, 1899.

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.—President Alderman.

The test of an institution of learning is not in the number of boys who enter it, but in the number of *men* who leave it.

Out of every ten thousand *non-educated* men, one rises to eminence and usefulness; out of every forty *educated* men, one rises to eminence and usefulness. The chances of the educated are as one to two hundred and fifty.

The University of North Carolina has a right to claim that it accomplishes a maximum of results with a minimum of means. Out of every five dollars it receives, four dollars go directly into the teaching of its students.

There is a spirit prevailing about every great school which forms the note of its life.

The spirit of this University is courtesy, reasonableness, toleration, equality and opportunity.

The University rejoices in the prosperity of all the schools and colleges and hails it as a sign of the awakening of the popular mind to the dignity, the power, and the necessity of knowledge and training.

The rural public school term must be extended until it reaches at least six months. Let all the higher institutions work to that end.

STATISTICS AS TO STUDENTS. SESSION 105th.

The University opened on September 18th with 405 students, the largest enrollment ever known on the first day of the session. Additional students have come in from day to day so that 480 are now (Oct. 18th) enrolled in the different departments. Never before have the accommodations in the University and the town been so severely taxed to care for so large a number of students. By January next, however, the handsome Carr Building, comfortable, equipped with all modern conveniences necessary to health and comfort, and unsurpassed, in fact, in the South for dormitory purposes, will be ready for occupation by the students.

The Freshman and Sophomore Classes are unusually large and yet by careful subdivision they have been formed into sections of convenient size and thus the disadvantages of large numbers in the lecture rooms will be avoided. Seventy-nine North Carolina counties and the following states are represented :

South Carolina, Georgia, Florida, Alabama, Kentucky, Mississippi, Virginia, New York, New Jersey, New Hampshire, Pennsylvania.

TOTAL REGISTRATION IN ALL DEPARTMENTS OF THE UNIVERSITY DURING THE PAST FIVE YEARS.

Year.	Academic.	Law.	Medicine.	Pharmacy.	Summer School.	Total omitting Duplicates.	Total omitting Summer School.
'94–'95	317	78	26		39	471	421.
'95–'96	333	58	30		140	534	421
'96–'97	307	72	34		158	548	417
'97–'98	377	87	39	17	185	670	508
'98–'99	360	69	43	21	147	623	493

It is gratifying to compare the above with the registration for the Fall term of 1899 ending with Oct. 18th, as follows :

345	65	40	20	161	609	480

The average age of the members of the classes in the Academic Departments is :

Freshman,	Sophomore,	Junior,	Senior.
19 years, 14 days.	21 years.	21 years, 5½ mos.	21 years, 8 days.

The following denominations are represented : Baptist, Methodist Episcopal, Presbyterian, Episcopal, Lutheran, Disciples, Christians, Disciples of Christ, Moravian, Methodist Protestant, Dutch Reformed, Jew.

SCHOOLS AND COLLEGES REPRESENTED AMONG NEW STUDENTS.

Sixty-nine different educational institutions are represented by the new men who have entered the University this fall. The new students are much better prepared than those who in the past have entered the University for the first time. The University is glad to make this statement by way of commendation of the ever improving work that is being done in the many excellent preparatory schools of the State. It is the desire of the University to cooperate in every possible way with the schools for the purpose of building them up and for the advancement of all of the educational interests of the commonwealth.

The schools, academies, &c., are:

St. Paul's Academy, E. O. Counts, Principal, Wilmington, N. C.
Raleigh Male Academy, Hugh Morson, Principal, Raleigh.
Goldsboro Graded Schools, J. I. Foust, Supt. Goldsboro.
Jonesboro High School, H. P. Boggs, Principal, Jonesboro.
Atlanta High School, Supt. Slaton, Atlanta.
Whitsett Institute, W. T. Whitsett, Principal.
Rural Hall Academy, Rev. S. G. Sutton, Prin.
Cedar Rock Academy, T. H. King, Principal.
Aurora Academy, R. T. Bonner, Principal.
Horner School, J. C. Horner, Principal.
Oak Ridge Institute, J. A. & M. H. Holt, Principals.
Bingham School, Col. Robt. Bingham, Supt.
Pantops Academy, Va, Jno R. Sampson, Prin.
McCabe's School, W. Gordon McCabe, Prin.
Chapel Hill High School, J. W. Canada, Prin.
Fallston Institute, S. C. Thompson, Principal.
Dixie High School, C. C. Orr, Principal.
Trinity Park High School, (Durham), J. F. Bivins, Principal.
Fayetteville Military Academy, Capt. C. A. Short, Principal.
James Sprunt Institute, Miss Kate McFarland Principal.
Clinton Graded School, T. J. Creekmore, Superintendent.
Mt. Airy Graded School, F. H. Curtis, Supt.
Cheshire Academy, E. D. Woodbury, Prin.
Asheville Graded School, R. J. Tighe, Prin.
Beaver Creek High School, W. M. Francum, Principal.
University High School, W. V. Boyle, Prin.
Magnolia High School, E. McN. Carr, Prin.
Tarboro Male Academy, F. S. Wilkinson, Principal.
Ronda High School, E. J. Johnson, Principal.
Union Academy, T. Sloan, Principal.
Charlotte Public School, Alex. Graham Supt.
Bellevoir High School, Street Brewer, Prin.
Trinity School, N. C. Hughes, Principal.
Franklin High School, T. J. Johnston, Prin.
Newbern Graded School, T. R. Foust, Supt.
Bostick High School, B. H. Bridgers, Prin.
Wm. Bingham School, R. S. Gray, Principal.
Pittsboro Academy, D. K. McRae, Principal.
Creedmore Academy, L. T. Buchanan, Prin.
Robeson Institute, John Duckett, Principal.
Peabody High School, K. R. Shaw, Principal.
Cameron High School, D. McIntyre, Principal.
St. Paul's, Dublin, N. C.
Mooresville Academy, C. L. Grey, Principal.
Red Springs Male Academy, Marcellus Wooten, Principal.
Durham Public School, J. T. Matheson, Supt.
Wright's High School, Mrs. B. V. Wright, Principal.
Mt. Moriah Academy, J. P. Cannady, Prin.
Sewanee Grammar School, W. F. Weller, Prin.
Farmer Institute, H. C. Stout, Principal.
Holly Springs Academy, J. L. Griffin, Prin.
Brooklyn, N. Y., Latin School, Dr. Caskie, Principal.
Atlantic Collegiate Institute, S. L. Sheep, Principal.
Salem Boys' School, J. F. Brower, Principal.
Clarkton High School, L. B. Evans, Principal.
Norfolk (Va.) High School, G. M. Bain, Prin.
Oakhurst High School, Wm. Robinson, Prin.
Oakland High School, James Separk, Prin.
LaGrange High School, W. C. Newbold, Prin.
Asheboro Graded School, E. P. Mendenhall, Principal.
Stanhope Academy, J. E. Yates, Principal.

UNIVERSITIES AND COLLEGES.

Guilford College.
N. C. College of Agriculture and Mechanic Arts.
Carolina Christian College.
Davidson College.
Weaverville College.
Eastman College.
Trinity College.
Elon College.
Wake Forest College.
University of Louisiana.
South Carolina College.
University of Texas.
Virginia Military Institute.

The following representatives of the different professions are found in the present enrollment: farmers, lawyers, doctors, merchants, manufact-

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urers, preachers, teachers, contractors, master, mechanics, carpenters, bankers, railroad men, saw mill men, insurance agents, millers, editors, cotton buyers, civil engineers, revenue agents county court clerks, butchers, army officers, postmasters, hotel keepers. More than one third of the students are the sons of farmers and it is gratifying to know that the University is annually attracting to its lecture rooms an ever increasing number of the sons of the great wealth-producing classes of the country.

Table showing professions represented in the present enrollment expressed in percents:

Those whose fathers are			farmers,	36	percent
"	"	"	lawyers,	7	"
"	"	"	doctors.	7	"
"	"	"	merchants,	14	"
"	"	"	m'nuf'ct'ers,	6	"
"	"	"	preachers,	5	"
"	"	"	teachers,	5	"
Seventeen other professions,				20	"

GIFTS TO THE UNIVERSITY SINCE COMMENCEMENT.

1. An addition of $3000.00 to the building fund of the Carr Building making the total cost of this splendid gift $18000.00. It is hardly necessary to say that this added sum is from the original donor of the building, our constant friend and benefactor, General Julian S. Carr. The state has no citizen worthier of its love and appreciation than General Carr.

2. A gift of $1000.00 to the University Library by Mr. Henry Weil, of Goldsboro, a trustee of the University and a wise far-seeing friend of education everywhere. One half of this sum has been spent in putting modern equipment in the library and the other half will be expended in the purchase of valuable books on Political and Social Science. All works on that subject now in the library and this substantial addition will be put into a handsome new alcove to be designated the "Henry Weil Collection."

3. A gift from Mr. James Sprunt, of Wilmington, N. C., a scholarly and studious man of affairs, of a sum sufficient to provide a foundation for the annual publication of Historical Monographs on the history of North Carolina and the United States. These monographs will be known as the "James Sprunt Monographs" and will proceed from the department of history. It is fitting that this gift should come from Mr. Sprunt who has found time amidst the cares of a vast business to do thoughtful scholarly work himself in historical directions.

4. A prize of $10.00 and the publication of the best thesis on the "Government Ownership of Railroads," by Mr. James B. Lloyd, of Tarboro, a trustee of the University and a friend of education.

THE NEEDS OF THE UNIVERSITY.

A University, like an individual, can never become finished and full-grown. There is a law of its nature which decides that for it, completion and complaisancy mean death, while development and struggle mean ever wider and larger life. It is sometimes complained that educational institutions are insatiable in their demands, and this is true, but it should be remembered always that it is the fear of stagnation and decline that forces the demand.

By the exercise of rigid economy unsurpassed in America, by self-sacrifice, hard work, enterprise and vigilant appreciation of popular needs, this University has grown amazingly in the last eight years. The graduate of '92 could not put his hand upon a department of the University which has not increased in power since his day. The numbers have increased one hundred and

fifty per cent. In teaching force, equipment and standards of work there has been marked change for the better, while in income there has been an increase of about twenty-five per cent. The institution has grown into the rank and class of institutions enjoying two and three times its income, and it has preserved inviolate its reputation for honesty of work and academic dignity. This fact is known and wondered at in the Southern States, where it is best known. It has been a stimulating influence all over the country, and it has set the pace in the South.

The session of 1899-1900, just begun, shows marked increase along all lines, and the institution may be said to have reached the topmost point of usefulness and power at the moment of this writing. And yet there are certain things that should be kept in mind by its friends and trustees.

This growth is not the result of luck or change. It is not the resultant of abundant prosperity, for the University made its greatest gain, until this year, in a period of disturbance and depression. It is the result of hard, grinding, ceaseless toil and infinite watchfulness for the right and nice adjustment of University power to the needs of our people. The University has kept its eyes on the people whom it was created to lift up, and its hands have been quick to serve them. Thousands of ambitious youth have seen the light upon its hill and have been drawn hither.

The University has not been content to wait in academic peace and dignity the coming of the throng but has gone after them and brought them in. The struggle for growth has been and is now nothing short of heroic. It has taken all honorable risks. It has reserved nothing for rainy days. It has denied itself luxuries, comforts, decencies, absolute necessities. It has poured its inadequate income into the daily instruction of its students, withholding nothing, save the means of that instruction. It has given free tuition to hundreds. It has loaned to hundreds just the amount of money that made it possible for them to come to college. It has had to watch every nickel and dime of its expenditure term by term. It has been a place of grim struggle and plain living, and each fiscal year has ended with a deficit or a balance of a few score of dollars. This high water mark period is a fit time to speak plainly. *This sort of struggle without adequate means of growth cannot go on always.* Mere enthusiasm and even mountain-removing faith will not equip laboratories, add needed departments, provide new instructors and retain old ones. Like some good stout ship making for port, the University for five years has spread every stitch of canvas, has caught every wind and worked every man at two or three posts. It has done its best. There is need of more ship and more sail and more men. The country is growing, the State is growing, other institutions are growing. The day of large things is at hand. The time has come to be generous and open-handed to the institution which has achieved greater results on less means than any similar institution in America. It deserves good treatment and it will return the investment increased an hundred fold. It cannot continue to grow as it has grown without increased means. It would be a crime to cripple its onward march. Let us be content to enumerate at present a list of its most urgent needs. Hereafter they will be discussed in detail.

1. Professorship of Political Economy.
2. Associate Professorship of Physics and Electrical Engineering.
3. Professorship of English Language.
4. More instructors and better pay to those who have proven themselves good.
5. A Modern Gymnasium.
6. The completion of Alumni Building.

Every alumnus who has delayed giving of his means to this building should do so now, for it is needed now in order to insure the erection of the building.

CHANGES IN THE FACULTY.

The resignation of Professor Karl P. Harrington to accept a position in the Maine State University left the chair of Latin vacant at the close of the last academic year. This vacancy was filled by the promotion of Professor Henry F. Linscott and this rendered it necessary to choose some one to fill his place. Dr. Thomas J. Wilson was chosen by the Trustees to perform the duties of Instructor in the department of Latin and Greek. Dr. Wilson graduated at the University in 1894, took the degree of A.M. in 1896, and the degree of Ph.D. in 1898. During the session of 1898-99 he taught in the Charlotte Graded School. The University is fortunate in securing the services of one of her own graduates who has had such exceptional preparation for his work.

Professor Harrington will be missed in many ways. He succeeded Professor Winston in the chair of Latin and for eight years has worked faithfully and successfully for the upbuilding of his department. Nor were his services to the University narrowed down to the teaching of Latin. In many ways and in diverse directions he gave of his energy and talent without sparing wherever his help was needed.

In the department of Law the vacancy made by the death of Dr. Manning was first filled by the election of Judge James E. Shepherd. When Judge Shepherd found it impossible to accept the duties of this office it was tendered Judge James C. MacRae, who took charge of the classes with the beginning of this session. Judge MacRae is in every way a valued addition to the faculty of the University and is very cordially welcomed by his colleagues. It is the purpose of the Trustees to elect an Associate Professor of Law as soon as the way seems clear. This position has been rendered vacant by the resignation of Professor J. Crawford Biggs who has formed a law partnership with the firm of Boone & Bryant in Durham. Judge MacRae has had an honorable and useful career as a lawyer in this state. He was licensed to practice in 1859, became Judge of the Superior Court in 1882 and later Judge of the Supreme Court. For some years he has conducted a large private practice in Raleigh. He is a Doctor of Laws of this University.

Among other changes in the faculty may be mentioned the promotion of Dr. Thomas Clarke to the position of Instructor in the Department of Chemistry.

IMPROVEMENTS IN THE VILLAGE AND ON THE CAMPUS.

The village of Chapel Hill is not subject to violent changes, but there is steady improvement in its appearance from year to year. The life of the village is in the University, and it grows and improves with the University. The streets and sidewalks are better kept than ever before; there is a pleasing air of neatness and thrift everywhere. A new suburb has grown up near the railway station, around Mr. Lloyd's cotton factory: the old iron mine is again being worked with profit; Messrs. Kluttz, Webb, and Patterson have each built attractive store houses; the Chapel Hill bank is a welcome improvement and a great convenience to everybody. Many small houses have been erected. Every dwelling house in town is occupied. An enterprising capitalist would find it profitable to build several residences of seven or eight rooms, for which there is always a demand. The town is entering the stage which, it seems, every town must pass through, none learning from the experience of others,—that is, the putting in of so-called "modern conveniences" before a system of water-works and sewers has been inaugurated

The Board of Aldermen should carefully watch this danger. Health and a water-closet have never been known to dwell long together in a village house.

On the campus, the most noticeable improvement is the Carr Building, now in course of erection. It will be completed in ample time for occupation next year and will be beautifully adapted to its uses. A picture of the Carr Building is published in the current number of the *University Magazine*. Work on the Alumni Building is to be renewed at once. Both of these buildings have long been needed. Indeed it is hard to see how the University has managed to get on so long without them.

Improvements in the Library, made possible by the generosity of Mr. Henry Weil, are noted in another column.

The new athletic field, just outside of the southeastern end of the campus, will be ready for use next year. The old field is too near the buildings; the new one, although a little further off, is still conveniently located, and will be, in time, more satisfactory than the one now used.

The buildings and campus are in as good condition as it is possible to keep them, with so little money available for the purpose. It is deeply to be regretted that the small amount appropriated by the last Legislature has made it impossible, on account of the increase in the cost of iron, to do anything towards the building of water works.

ORGANIZATION OF THE ALUMNI.

The work of organizing the Alumni of the University on a scientific basis has been begun in accordance with the plan outlined by President Alderman and discussed in detail by the Alumni at the annual meeting in June. The work will be done in as large part as possible by the Alumni Secretary at Chapel Hill; but its ultimate success will depend, as do all plans for the increased power and usefulness of the University, on the Alumni themselves.

The especial pride of the University of North Carolina has been always the men that she has prepared for life. Their success and achievements in every department of endeavor have been her reason for being and with maternal love and care she has watched the careers of her sons. Her honor and glory, after the test of a century, is but the reflection from the lives of the men she has trained.

And the affection of the mother has been repaid in kind. No institution in the country can boast of more loyal, devoted Alumni. In her every trial they have shown their unstinted affection and again and again they have repelled attacks that seemed irresistible.

Despite this present power in men however, her potential power is greater by an hundredfold, for through all the years that are gone there has been practically no communication between the institution and her Alumni except as came from occasional contact with small fractions of them. A systematic, compact organization of the men who call the University of North Carolina their Alma Mater is the greatest need of the institution. The wonder is that it has not long ago been effected: the interests of the Alumni demand it, those who direct the affairs of the University recognize it as sheer necessity.

The organization plan in brief is as follows:

1. To locate the men now living who have been matriculated in the University.

2. To classify these men by geographical groups: (a) cities, (b) towns, (c) States.

3. To form local associations of the Alumni, with definite aims (outlined in a local constitution)such as awarding Alumni scholarships, keeping the Alumni Secretary informed as to the

movements of the Alumni within their division and keeping the members in touch with University affairs.

4. To organize a General Association of the Alumni to which the Local Asociations wil send delegatcs.

The perfected plan, of which the above is the bare outline, will be printed and distributed later. In the mean time suggestions from the Alumni will be expected and carefully considered.

At considerable expense of time and care lists of Alumni have been made out and arranged geographically. These lists will be mailed to the local alumni for correction and on the basis of the corrected lists the Local Associations will be formed, and so the complete organization speedily perfected.

It is needless to call attention to the difficulties in the way. It is a great step forward in the life of the University and presupposes great difficulties.

As was said, the cooperation of the Alumni is an absolute necessity. Every alumnus who aids in the work will have the satisfaction of having rendered the University a real service.

At the first suggestion of the plan the Secretary received from a recent student a complete list of the University men in his county. It was an evidence of true devotion that has lent heart to the work and inspired the confidence that where there was a need for men to do a task for Alma Mater there would be hands ready to perform it.

THE LIBRARY.

It is a trifle over ten years since the Societies of the University combined with the Trustees to provide a worthy library for University students. They felt the need for a better collection and more orderly arrangement of the material required in their work, and sacrificed some pride to obtain what they conceived must be an ultimate gain. The decade of advance by the students in original investigation has fully vindicated the step.

No department of University life has a larger circle of influence than the Library. A condition natural and right is that it is a necessary branch of every department, and a large part of the student's inspiration must come from it. "The University of the future will be a great collection of books" was the prophecy that came from Chelsea; and although it may never be fulfilled literally is an apt phrasing of the present tendency in education.

Appreciating what the present Library owes to the Societies, it hss been the policy of the management to regard carefully their interests, to purchase such books as might aid them in the pursuance of their work whenever possible, It is for this reason that so large a part of the annual expenditure goes for the purchase of magazines, the collection of bound periodicals now having no superior south of Baltimore. Each week the queries for debate are posted in the Library and exhaustive references given for the benefit of literary workers. The members of the Societies use the Library far more than any other class.

As growth and development has been steady in the past, there is every reason to believe that progress in the future will be rapid. Those who have found the treasures of the Library a source of inspiration and pleasure will give evidence to it of their gratitude. The medical department has already been twice enriched: sometime ago by the Wood Collection and last year by the Potter Library. These, while becoming a part of the University Library, remain intact and are known by the names of their respective don-

ors. Surely one may not serve the profession he loves better.

The extensive improvements recently made in the Library are due to the generosity of Mr. Weil, of Goldsboro. The walls and ceiling have been tastefully preserved, a handsome desk constructed for the Librarian and bicycle ladders put in on each side to make the high shelves available and thus secure much needed room. A new furnace will make the Library comfortable at all times. The remainder of Mr. Weil's munificent gift will be devoted to the purchase of the Weil Collection of Political and Social Science books and a stack to contain them. This is sufficient in amount to make a worthy memorial of the donor's generosity and will always keep alive gratitude for his unfailing loyalty to the University.

THE NEW COURSE IN DYEING AND BLEACHING.

At the meeting of the Trustees in June it was directed that a course in Dyeing and Bleaching be established in the University and Dr. Thomas Clarke was promoted to take charge of the laboratory work in this course. Dr. Clarke has specially prepared himself for this work during his two years of study in Germany. The lectures in the course are given by Dr. Venable. The primary object in establishing this course was to provide for the increasing number of the students of the University who go into the cotton mills something more directly applying to their future work.

The course in outline is as follows: First a full study of the textile fibres, physically and chemically; then of the preparation of the fabric for bleaching; the various kinds of bleaching and bleaching agents; the colors and dyestuffs; mordants and methods of dyeing; the sizing and finishing of the cloth. This gives the principles and theories of this side of the mill industry and makes the practice intelligible. The students must examine fibres, bleach them, prepare the dye-stuffs, dye, test pieces of cloth, &c. It is hoped that this course will be helpful in many ways.

THE UNIVERSITY SUMMER SCHOOL.

The University Summer School closed a most prosperous session on July 15, 1899. The attendance which is given below shows that this branch of University work is accomplishing great good. The annual gathering of progessive teachers at the State University is a great power for unifying the educational thought of the State, the teaching of the best methods of instruction and the general development of the interests of public schools, private schools and colleges.

The following statistics of attendance are interesting: Males, 48; Females, 113; Total, 161.

States represented: Ohio, New York, Massachusetts, Kentucky, Maryland, Georgia and North Carolina. Number of North Carolina counties represented, 45.

Schools represented: Public, 29; Private High Schools and Academies, 35; Female Colleges, 8; Male Colleges, 3.

RECORD OF THE CLASS OF 1899.

This class has issued in handsome form an account of its Class Day and Graduating Exercises. This is the first class to perfect a class organization and to attempt to keep up with its members after graduation through an active secretary. The secretary is J. E. Latta and he deserves credit for the excellent way in which he has performed the duties of his office. The following account of the occupations of the class will be of interest. A few additions and corrections have been made.

Alston, C. S., Wilmington, Insurance.
Askew, E. S., Norfolk, Insurance.
Bellamy, M., Wilmington.
Bowie, T. C., Yale, Student.

Broadhurst, E. D., Greensboro, Principal Graded School.
Brown, C. C., Louisville Theological Seminary, Student.
Bunn, J. P., U. N. C., Post-graduate in Chemistry.
Caldwell, J. A., U. N. C., Medicine.
Canada, C. S., Chapel Hill, Teacher in High School.
Carr, J. R., U. N. C., Medicine.
Carr, J. S., Jr., Harvard, Student.
Coker, F. W., Bell Buckle, Tenn., Teacher in Webb School.
Connor, R. D. W., Winston, Teacher in Graded School.
Cox, W. E., Sewanee, Student of Theology.
Coxe, F. J., U. N. C., Law.
Crawford, J. G., Died July 14th.
Crawford, W. S., Summerfield, Teacher.
Denson, C. B., U. N. C., Post-graduate.
Donnelly, John, Charlotte.
Dougherty, B. B., Boone, Teacher.
Dozier, J. K., Tilton, N. H., Professor in Tilton Seminary.
Greenfield, J. M., Summer Law School.
Grimes, J. D., Washington, Real Estate and Insurance.
Harding, H. P., Newbern, Teacher in Graded School.
Harris, C. F., Wilson, Tobacco Manufacturing.
Hewitt, J. H., Mapleton, Va.
Holmes, H. B., Asheboro, Teacher.
Hume, T, Jr., U. N. C., Candidate for A.M.
Jones, V. L., Mayflower, Tenn., Teacher.
Kittrell, R. G., Windsor, Teacher.
Kluttz, W. L., Columbia University, N. Y. Special student.
Land, E. M., Littleton, Business.
Lane, B. B., Jr., Grantsboro, Teacher.
Latta, J. E., U. N. C., Postgraduate, and Assistant in Physics.
Lockett, E. A., Univ. of Pa., Medicine.
London, H. M., Washington. D. C., Census Department.
McFadyen, J. M., Aberdeen, Teacher.
Miller, A. C., Poughkeepsie, Business College.
Osborne, F. M., Chapel Hill, Teacher in High School, and Postgraduate U. N. C.
Patterson, E. V., Harvard, Student.
Pearson, T. G., Guilford College, Professor of Biology.
Reaves, S. W., South Carolina Normal School, Teacher.
Ross, J. K., U. N. C.
Sitterson, J. M., New York General Theological Seminary, Student.
Vick, G. D., U. N. C., Medicine.
Wagstaff, H. M., Union High School, Teacher.
Watson, H. L., Phoenix, S. C., Mercantile Business.
Wilson, L. R., Scotland Neck, Teacher.
Wilson, W. S., Concord, Teacher.
Winston, R. A., Mebane, Teacher in William Bingham School.

ALUMNI NOTES.

In the list of Alumni in the Public Service (UNIVERSITY RECORD, III., p. 20) Hon. C. R. Thomas was accredited to Beaufort county. This was a mistake. It should have been Craven county.

Prof. Geo. S. Wills, '89, has published a monograph on "Sidney Lanier—His Life and Writings" in *Publications of Southern History Association, Vol. III.* The larger part of the paper is given to a bibliography of Lanier's writings. The biographical part is intended to be only an introduction to this and so confines itself to the principal events of Lanier's life.

The bibliography gives information as follows: 1. A complete list of all of Lanier's collected works with detailed information as to editions, reprints, etc. 2. A list of uncollected poems and prose pieces and letters whose publication could be learned of. 3. A list of the more important criticims of Lanier's life and work. 4. A list of the portraits of Lanier.

Dr. Wm. B. Phillips, '77, has resigned his position as editor of the *American Manufacturer*. He spent part of the months of August and September in Cuba examiuing mineral property for the Carnegie Co. and may return to Cuba on the same mission for the winter.

Rev. John Stanley Thomas has been called from Wilmington to be pastor of the Presbyterian church in Suffolk, Va.

W. W. Daves, 91, has formed a law partnership with Robt. W. Bingham and settled in Louisville.

George M. Graham, 91, has accepted a position with the American Tobacco Co., and moved from Durham to New York.

R. H. Graves, '97, Librarian of the University for the past three years, has a position on the *New York Times* and will dovote himself to newspaper work.

M. R. Hamer, in sending his subscription for THE UNIVERSITY RECORD writes: "It gives me pleasure to note the great success of our Alma Mater. * * * I love the old place and its associations more as I grow older. Time has dealt fairly by me."

H. L. Miller, '90, has been appointed District Superintendent of the Carolina Chemical Co. with headquarters at Charleston, S. C. This places eight large factories under his charge.

H. H. Horne, A.B., A.M., Ph.D., Harvard, '99, has been appointed Instructor of Philosophy in Darmouth College, Hanover, N. H.

LITERARY ACTIVITY OF THE FACULTY.

PRESIDENT E. A. ALDERMAN, D.C.L., received the degree of Doctor of Laws (LL.D.) from Tulane University, La., in June. Addresses delivered: Commencement at Elon College, June 7; Commencement at Atlantic Academy, Elizabeth City, N. C., June 13; Teacher's Assembly, June 15; Graded Schools, Henderson, N. C., July 12.

PROF. KEMP P. BATTLE, LL.D. "The Old Schools of North Carolina:" Pp. 146. Published in Report of State Superintendent of Public Instruction, 1898-'99. Republished serially in Raleigh *Morning Post*, 1899.

"Personnel and Methods of the Bank of North Carolina;" Address before the Bankers' Convention at Ralcigh, June 1899. Published in the *American Banker*, New York and Raleigh *Morning Post*.

"Sketch of the Life and Public Services of Hon. John Manning." *University Magazine*, vol. XVI.

"Sketch of David Ker, First Presiding Professor of the University, and his Descendants." *N. C. Journal of Education.*

"Sketch of President D. L. Swain and his work as an Educator." *Ibid.*

"History of the University of North Carolina to Close of 1795." Address before University Summer School, July 1899.

PROF. F. P. VENABLE, PH.D., was Vice-President of the Am. Assoc. for the Advancement of Science, section of chemistry, at the Columbus meeting, August, 1899.

"The Definition of the Element." Address at Columbus meeting A.A.A.S. Published in *Science.*

PROF. J. A. HOLMES, S.B., was elected Vice-President of the Am. Assoc. Adv. Science, section of geology and geography for the New York meeting, 1900.

"The Cape Fear Section in the Coastal Plain," and "Some Geological Conditions Favoring Water-power Developments in the South Atlantic Region." Papers presented at Columbus meeting A. A. A. S.

PROF. THOMAS HUME, LL.D. "Education Without Books." Address at Slater Industria College Commencement.

"Was Richard III., Shakspere's Work." Oxford Shakspere Club.

"Shaksperean Ideals of Conduct and Life." Commencement address at Washington and Lee University.

"The Bible in the Sunday School," and "The Bible and Liberal Education;" Southern Biblical Assembly.

A Series of Ten Discourses, Newton, N. C.

"Lessons from the Religious Life of North Carolina:" Virginia Section International Young People's Union, Richmond, Va.

"Religion in Common Life; "Staunton, Va., Young Men's Christian Union.

"Sacred Anthology;" address at Waynesboro, Va.

PROF. H. V. WILSON, PH.D. Was director of the U. S. Fish Commission Marine Biological Laboratory at Beaufort.

"The Cubomedusae." *Science*, Vol. VIII.

"Adriatic Sponges." *Am. Nat.*, Vol. XXXIII.

"Biology at the University of North Carolina." *Gulf Fauna and Flora Bulletin*, Vol. I.

PROF. COLLIER COBB, A.M. Was elected Temporary President and Permanent Secretary of the U. P. Expedition to the Fossil Fields of Wyoming. Was joint author of Report of Committee on College Entrance Requirements, Nat. Ed. Asso., Los Angeles, Cal., July 1899.

"The University and the State." Address at University of Wyoming, July 18th, 1899.

"The Education We Need." Starne School, Sept. 14th, 1899.

"The Fossil Fields of Wyoming." Guilford College, Sept. 16th, 1899.

PROF. CHAS. BASKERVILLE, PH.D. Was Secretary Council Am. Assoc. Advancement of Science and was made General Secretary A. A. A. S. for 1900. Vice-President Am. Chem. Soc.

"Occurrence of Chromium, Titanium and Vanadium in Peats." "Universal Distribution of Titanium." "Condensation of Chloral with Ortho-, Meta-, and Para-nitranilines." Papers read before the Chemical Section of the A. A. A. S., Columbus, August, 1899. Joint author of "Index to the Literature of Zirconium." Author of "School Chemistry," Richmond, 1899.

PROF. M. C. S. NOBLE. "Education and Citizenship." Gastonia High School, and Caldwell Institute.

"The Public School Ideal." Wilmington Public Schools.

"The Interpretative Art in Objective Teaching." Teachers Institute at Jackson, Northampton county.

"What Education may do for the Negro." Summer School for Colored Teachers at Greensboro.

THE FACULTY LECTURES FOR 1899-1900.

Oct. 5th. Professor K. P. Battle, "The Bench and Bar of Raleigh 1854-1864."
Oct. 19th. Professor F. P. Venable, "Justus von Liebig—a Hero of Science."
Oct. 26th. Dr. D. A. Long, "Science and Religion."
Nov. 2nd. Professor Thos. Hume, "The Relation of the Bible to a Liberal Education."
Nov. 9th. Professor Edwin Mims, Trinity College, N. C., "Newman, Arnold, Browning; a Comparative study."
Nov. 16th. Professor Collier Cobb, "The Yellowstone National Park." (Stereopticon).
Nov. 24th. Dr. Hunter McGuire, University College of Medicine, Richmond, Va., "Personal Recollections of Stonewall Jackson."
Dec. 7th. President E. A. Alderman, "The Southern Boy and his Opportunity."
Jan. 11th. President G. T. Winston, Agricultural and Mechanical College, Raleigh.
Jan. 19th. Professor H. L. Smith, Davidson College, N. C., "Intellectual Value of Scientific Study."
Jan. 25th. Professor J. A. Holmes, State Geologist, "A Tour of the Great Lakes and a Glimpse of Canada." (Stereopticon.)
Feb. 2nd. Prof. Eben Alexander, "Athens."
Feb. 9th. Prof. W. L. Poteat, Wake Forest College, N. C.
Feb. 15th. Prof. H. F. Linscott, "Rome—a World-Romance."
March 1st. Professor C. S. Mangum, "War Between Man and Bacteria."
March 15th. Prof. M. C. S. Noble, "Fort Fisher and the Blockade."
March 29th. Prof. W. D. Toy, "The Faust Legend and Goethe's Interpretation of it."

NECROLOGY.

ASHE, Richard James, Hillsboro. A.B., 1842. Capt. C. S. A. Lawyer, Merchant. President Cape Fear and Deep River Navigation Co. Roadmaster R. & G. R. R. Co. Member of General Assembly of California. Born 1821. Died Aug. 13, 1899.

CRAWFORD, John Gurney, Graham. 1895–99. Born Dec. 29, 1869. Died July 14, 1899.

GATLING, Robert Riddick, Raleigh. 1891. Born Oct. 23, 1874. Died May 4, 1899.

GIBSON, John K. Entered from Richmond County. 1867–'68. Lawyer in Black Rock, Arkansas; Member of Arkansas General Assembly. Born, 1845. Died March 21, 1899.

HAMPTON, Harry Reid, Minneapolis, Minnesota. 1893. Died, July, 1899.

JOHNSTON, William Henry, Tarboro. A.B. 1850. Tutor of Greek, U. N. C. 1851–'52. Trustee of U. N. C., 1875–'85. Born, 1830. Died, September 29, 1896.

PICKARD, Marvin Alfred, Chapel Hill. 1896–'98. Born, August 29, 1879. Died, Oct. 10, 1899.

SCHENCK, David. Greensboro. 1884–'85. Lawyer. Born June 30, 1869. Died May 11, 1899.

STANLY, Benjamin Edward. Kinston. B.S., 1896. Lawyer. Born August 1, 1872. Died August 16, 1899.

WALL, Henry Clay. Richmond county. 1858–'61. C. S. A. Merchant, manufacturer, member of General Assembly. Born 1841. Died July 31, 1899.

ROMULUS, Stevenson, Mooresville. 1897. Born Oct. 1, 1871. Died June, 1899.

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Record of Graduates before different State Examining Boards this year:
Virginia: 42 applicants, 42 passed; North Carolina: 18 applicants, 18 passed;
and **100** *per cent.* **likewise,** *before all (four) other State Examining Boards that have reported.*

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HENRY VAN PETERS WILSON, PH.D., *Professor of Biology.*
COLLIER COBB, A.M., *Professor of Geology.*
CHARLES STAPLES MANGUM, M.D., *Professor of Physiology and Materia Medica.*
EDWARD VERNON HOWELL, A.B., PH.G., *Professor of Pharmacy.*
MARCUS C. S. NOBLE, *Professor of Pedagogy.*
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JAMES C. MACRAE, LL.D., *Professor of Law.*
CHARLES BASKERVILLE, PH.D., *Associate Professor of Chemistry.*
JAMES CRAWFORD BIGGS, A.B., *Associate Professor of Law.*

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SAMUEL MAY, A.B., *Instructor in Modern Languages.*
WILLIAM CUNNINGHAM SMITH, PH.B., *Instructor in English.*
ARCHIBALD HENDERSON, A.B., *Instructor in Mathematics.*
THOMAS J. WILSON, PH.D., *Instructor in Latin and Greek.*
JAMES W. CALDER, *Director of Gymnasium.*
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JAMES EDWARD LATTA, PH.B., *Assistant in Physics.*

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EBEN ALEXANDER, PH.D., LL.D., *Supervisor of the Library.*
EDWARD KIDDER GRAHAM, PH.B., *Librarian.*
EUGENE LEWIS HARRIS, PH.B., *Registrar.*
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UNIVERSITY RECORD.

University of North Carolina.

VOL. V, NO. II. QUARTERLY, FIFTY CENTS A YEAR. JANUARY, 1900.

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.—President Alderman.

The Commencement of 1900 at the University marks the end of a memorable period in its history. The Institution was chartered in 1789, and its doors were opened for students in 1795. From 1795 until 1861—a period of sixty-six years it grew and worked beneficently upon Southern life, until it became the largest institution in the south-eastern part of the Republic. War came in the battle—summer of 1861 and its students dropped the cap and gown and buckled on the sword.

During that stormy period the bells rang and the faithful teachers went about their tasks, but the throngs were on the battle fields. Then came the sad days of humiliation and defeat and the University, grown about with rank weeds, ceased to exist. By a supreme act of faith and enthusiasm and hope, a group of dauntless men in the Summer of 1875 re-opened the Institution, modernized its curriculum, put it in touch with the people and hoped for an income to maintain it.

To-day its numbers have reached five hundred and ten students exclusive of the Summer School —forty-nine in excess of the largest *ante bellum* enrollment. These twenty-five years are the noblest and most stirring years of Southern history. It has been the awakening period.

The University desires to celebrate this anniversary by bringing back to its walls next summer the students and faculty who started it on its new career. The attention of every '75 man and every student of the University is called to a detailed statement of plan and programme on page 19 of this number of the "Record." The earnest and hearty cooperation of these pioneers of the New Era is most earnestly solicited. Every one living is expected to answer to his name in Memorial Hall on Wednesday, June 6th, 1900.

SCIENTIFIC MEN TRAINED BY THE UNIVERSITY.

During the quarter-century which has elapsed since the re-opening, the University has strained every nerve to give not merely collegiate but advanced training to its students, fitting them to aid in the development of the State, and its upbuilding. With the meagre income and the small overworked faculty of the early years of its new life this was no easy task. Still it was bravely persisted in and patiently the strain was borne, almost to breaking. As it was impossible to secure equipment along all lines, it was sought to develop especially the scientific side. Gradually laboratories were prepared and moderately equipped, for what has been accomplished has been done not by means of luxurious modern appliances but in spite of the absence of many things ordinarily considered indispensable.

The University feels happy in the success of its efforts. Duty to the State has been discharged and the reward of seeing its graduates going forth, well-furnished, to occupy positions of honor and usefulness in the service of this and other States is very great. What might not be accomplished, what higher, better work, if the means granted were adequate!

The boast is perhaps a pardonable one, to those who have spent themselves in this effort at doing the work an of institution thrice its size, that no single institution south of Johns Hopkins can lay claim to greater achievement in the training of scientific men for teaching and technical work and in research and literary work—at least within the last dozen years. This is no idle boast but can be substantiated by a statement of the facts.

Research and Literary Work.

The scientific papers and researches published from the University in the journals of this country and abroad have numbered considerably more than one hundred. Although little time can be saved for such work from other duties the professors in the scientific departments have published ten or more books during this period—some text books and others of more lasting value. For sixteen years a scientific society has been maintained in a flourishing condition, 121 meetings have been held at which several hundred papers have been read by members of the faculty and students. This society has published a semi-annual journal, now in its sixteenth year, issuing in all over 1700 pages. While scientific societies have been attempted elsewhere in the South none can make, even approximately, such a showing of well-sustained effort and gratifying success.

Training of Scientific Men.

Of course the primary and most valuable work of the University is in sending out men trained for higher work. The list of these is a goodly one. In the first place four have received its highest degree of Doctor of Philosophy.

William B. Phillips, 1883—Professor of Metallurgy, University of N. C.; of Chemistry, Univ. of Ala.; Editor Manufacturers' Record; Mining and Metallurgical Expert.

Emil A. de Schweinitz, 1884—Chief in Biochemic Division U. S. Department of Agriculture; Dean of Medical Faculty, Columbian University.

Herbert B. Battle, 1887—State Chemist; Superintendent Southern Chemical Co., Winston.

Charles Baskerville, 1893—Associate Professor of Chemistry, University of N. C.

TEACHERS.

In addition, the following teachers may be mentioned.

Collier Cobb, 1880-81. Professor of Geology, University of N. C.

James Lee Love, A.B., 1882. Assistant in Mathematics, Harvard University.

James C. Roberts, 1884. Professor of Metallurgy, Colorado School of Mines.

W. C. Riddick, 1887. Professor of Engineering, A. & M. College, Raleigh, N. C.

James V. Lewis, 1891. Professor of Geology, Clemson College.

A. H. Patterson, 1891. Professor of Physics, University of Georgia.

H. B. Shaw, 1891. Professor of Engineering, University of Mo.

Robert H. Mitchell, 1893. Professor of Chemistry, Santa Rosa College, Cal.; Principal of Department of Science, in City Schools, San Francisco.

C. H. White, 1894. Assistant in Mining Geology, Harvard University.

T. M. Wright, 1897. Assistant Professor of Mathematics, A. & M. College, Raleigh, N. C.

T. G. Pearson, 1899. Professor of Geology and Biology Guilford College.

J. E. Latta, 1899. Assistant in Physics, University of N. C.

C. A. Shore. Assistant in Biology, U. N. C.

J. E. Mills. Assistant in Chemistry, U. N. C.

G. N. Coffey. Assistant in Geology, U. N. C.

Technical Workers.

A still larger number of men have been furnished for technical pursuits. As these lists are made from memory, mistakes and omissions are not at all improbable though accuracy has been aimed at.

J. C. Taylor, 1877. Assistant State Chemist; Chemist with Ledoux & Co., New York.*

Isaac C. Emerson, 1879. President Bromo-Seltzer Co., Baltimore, Md.

DeLagnel Haigh, 1881. Chemist; President Rock Plaster Co., N. Y.

J. W. Hays, 1881. Assistant U. S. Geological Survey; City Engineer, Petersburg, Va.*

Thomas Radcliffe, 1881. Chemist Acme Fertilizer Co.†

J. F. Wilkes, 1881. Mecklenburg Iron Works, Charlotte, N. C.

F. B. Dancy, 1881. Assistant State Chemist; Managing Director Old Dominion Fertilizer Co., Norfolk, Va.

G. L. Patrick, 1886. City Engineer, Augusta, Georgia.

I. H. Manning, 1886. Chemist Navassa Fertilizer Co., Wilmington, N. C.; Chemist Chesapeake Fertilizer Co., Baltimore, Md.*

B. Thorp, 1888. Assistant State Chemist.†

W. M. Allen, 1890. Assistant State Chemist of Georgia; Assistant State Chemist of N. C., Raleigh.

H. L. Harris, 1889. Assistant N. C. Geological Survey.†

H. L. Miller, 1890. Assistant in Chemistry U. N. C.; Same A. & M. College, Raleigh; Chemist Navassa Fertilizer Co., Wilmington; Division Superintendent Virginia-Carolina Chemical Co.

A. McIver, 1890. Electrical Engineer with Sprague Electric Co., N. Y.

W. W. Ashe, 1891. Forester N. C. Geological Survey.

W. L. Spoon, 1891. Assistant N. C. Geological Survey; Road Engineer.

W. J. Andrews, 1891. Superintendent Carworks, Raleigh; President Electric Light Co.

J. M. Morehead, 1891. Electrical Engineer Union Carbide Co., Chicago.

DeB. Whitaker, 1893. Chemist Spanish American Iron Co., Santiago, Cuba.

R. G. Caudell, 1894. Mining Engineer, Cowles, Nebraska.

J. R. Harris, 1894. Chief Chemist Tenn. Coal and Iron Co., Birmingham, Ala.

E. W. Myers, 1895. Engineer N. C. Geological Survey.

W. R. Kenan Jr., 1895. Superintendent Carbide Works, Sault St. Marie.

F. B. Bahnson, 1896. Electrical Engineer, Fries Co., Winston.

*Gone into other business.
†Dead.

Thomas Clarke, 1896. Assistant in Chemistry U. N. C.; Chemist Tenn. Coal and Iron Co., Birmingham, Ala.

G. H. Kirby, Jr., 1896, M.D. Assistant in Laboratory, Worcester Insane Asylum, Worcester, Mass.

G. S. Wills, 1895. In Structural Steel Department, Rolling Mills, Passaic, N. Y.

S. H. Harris, 1897. Chemist Nicaragua Canal Commission, Greytown, Nic.

A. F. Moses, 1897. Chemist Southern Chemical Co., Winston.

B. W. Weston, 1897. Superintendent Gold Mine, Hickory, N. C.†

A. W. Belden, 1898. Chemist Tenn. Coal and Iron Co., Birmingham, Ala.

Spier Whitaker, 1898. Chemist Tenn. Coal and Iron Co., Birmingham, Ala.

W. G. Haywood, 1898. Assistant State Chemist, Raleigh.

F. W. Miller, 1899. Chemist Northern Alabama Coal and Iron and Railway Co., Talledega, Alabama.

R. G. S. Davis, 1899. Field Assistant U. S. Geological Survey.

J. P. Bunn, 1899. Superintendent Gold Mine, Edgecombe Co.

†Dead.

THE INCREASE IN GRADUATE COURSES.

The University offers advanced instruction in all the academic departments to graduate students who wish to pursue certain subjects of study further than the requirements and opportunity of election while undergraduates, would permit.

The Master's Degree may be obtained by pursuing, in residence at the University, three cognate courses of study for one College year; or after at least two years of study, as a non-resident student. Both a resident and a non-resident student must satisfy the Faculty by examination and a thesis that he is worthy of recommendation for the degree.

Graduates of other institutions may be admitted as candidates, in residence, for the Master's Degrees.

The work prescribed for the Degree of Doctor of Philosophy usually requires two years of study, in residence, after completing a course leading to a Master's Degree; and the candidate must show high attainment in one or two branches of study and submit a thesis which gives evidence of independent research, before being recommended for the degree.

The steady increase in the number of students who are pursuing Graduate courses is not only the result of the increasing number of students at the University, but is an evidence that they are acquiring the true spirit of learning while undergraduates.

There are at present nine resident and thirteen non-resident candidates for the Master's Degrees; and two graduate students applying for the Doctor's Degree, a total of twentyfour. Last session the total number enrolled was fourteen and for the session of 1897-'98 there were fifteen.

DEBATING AT THE UNIVERSITY OF NORTH CAROLINA.

The University will meet this spring Vanderbilt University and the University of Georgia in debating contests. The Vanderbilt debate will take place at Nashville, Tenn., the Georgia debate at Chapel Hill.

These debates will mean much to the students of these universities, and especially to the students of the University of North Carolina. Here, debating has come to be a powerful factor in college life. Oratory, by suffrance so-called, is not in good repute; but an eager, resourceful debater has opportunities to display his powers nowhere excelled. The two societies number

approximately only one hundred members each, yet they support annually five public debates. This means that five per cent of the actual membership represent the societies in public contests.

Before a man is chosen to stand for the University and State in an intercollegiate contest he goes through long and careful training. He must first convince his fellow society members by creditable performance of duty that he is an able and conscientious worker. In his Freshman year he may then be chosen as an inter-society debater. Places on the Sophomore and Junior debates may be won successively, after which there remains the highest, hardest honor--a place on one of the inter-state contests.

No previous performance wins for the aspirant one of these coveted positions. Two weeks after the query is selected the candidates contest before a committee of their own choosing and this committee makes the final selection. The men selected then undergo three months of the severest training. The first part is devoted to exhaustive preparation by reading, the second to exhaustive preparation by practice. In his reading the debater is assisted by a committee who relieve him as largely as may be, from onerous selecting of material. Such special books as he needs are ordered, articles that bear on his query are pointed out. Having gotten together the material and decided on the plan of attack, the "team" goes through a system of training not unlike in theory that given an athletic team. The best men in the societies meet the chosen men and make the arguments that the rival college will make. Every point of strength, every point of weakness is put under the fierce light of discussion. The sham battle is nearly like the reality and no foot of the ground is new to the contestant.

No other single force exerts the influence that a systematic training in debate does. The course now in vogue at the University is almost perfect in equipment to serve great ends of high, vigorous thinking among the students.

DAVID KER, D.D.

The First Acting President of the University of North Carolina.

The Board of Trustees of the University, in providing for opening the doors for students on January 15th, 1795, concluded that their funds were not sufficient to induce a man of much experience and reputation for learning and executive ability to become its President. They therefore determined to begin with a Presiding Professor, and this plan was pursued for nearly ten years. It was not until 1804 that Dr. Joseph Caldwell was chosen President. The Presiding Professors were successively David Ker, D.D., Charles W. Harris,* Joseph Caldwell, Rev. James S. Gillaspie,† and Joseph Caldwell again.

The chair of the first Presiding Professor, was that of "Humanity," afterwards written in the plural "Humanities," and understood to include grammar, logic, rhetoric, poetry and the ancient classics, as opposed to mathematics and the natural sciences. The salary was $300 and two thirds of the receipts from tuition. Provision was made for the appointment of a Tutor, whenever necessary, to be paid $200 and one third of the tuition receipts.

The election was at Fayetteville on the 10th of January, 1794. Besides Dr. Ker, there were in nomination Rev. John Brown, Pastor of Waxhaw (Presbyterian) Church, afterwards a Professor in South Carolina College, Rev. Robert Archibald, Pastor of Rocky River and Poplar Tent (Presbyterian) Churches, Rev. James Tate, Pastor of Hawfields (Presbyterian) Church, Rev. George Micklejohn, once Episcopal Rector of the church at Hillsboro, Rev. Dr. Samuel E. McCorckle, Pastor of Thyatyra

*Not made a Doctor of Divinity until 1816.

†Not Gillespie, as his letters show.

(Presbyterian) Church and Principal of Zion Parnassus school. Another nominee was Mr. Andrew Martin, of whom nothing can be now ascertained.

Rev. Dr. David Ker, Pastor of the Presbyterian Church at Fayetteville, and Principal of its Classical school, was chosen. He was of Scotch-Irish descent, educated at Trinity College, Dublin, and was then thirty six years old, born in February, 1758. He had left Ireland only a few years before, bringing with him his wife, Mary, and one or two young children.

On the 15th of January, 1795, the "Opening Day," Doctor, or as the students afterwards called him, Parson Ker, was on hand residing in the house built for the President, now occupied by Professor Gore. The winter, however, was so inclement that the first student, Hinton James, of Wilmington, did not arrive until February 12th. By April there were enough students to require the election of Charles W. Harris, first as Tutor and after a few months Professor.

Dr. Ker was undoubtedly a man of ability and learning, as we gather from several sources, especially from Professor Harris, who was a very accomplished graduate of Princeton. For eighteen months he labored successfully in getting the new institution into shape, in classifying and instructing the mass of raw students, some well prepared in the classics and mathematics, but most hardly beyond the lore of the spelling-book and the English reader. He would probably have been elevated in a short while to the President's Chair, if he had not become so infatuated with the teachings of Jefferson and Voltaire as to forsake the good Presbyterian tenets of his early years and become an unbeliever in the Christian faith, and a violent denouncer of the Federalists. He thus offended the two classes on the Board of Trustees, who constituted the majority, the religious men, of whom Dr. McCorckle was a type, and the anti-Republicans, led by Davie. While he was not displaced by hostile action, he resigned, as Prof. Harris stated, "much against his will." One of the Board, David Stone, afterwards United States Senator and Governor, continued to be his friend, and when he became a lawyer and settled in the new Territory of Mississippi, procured from Jefferson for him the appointment of Territorial Judge. He performed his duties faithfully and ably, indeed lost his life January 21, 1805, by disease contracted while holding court in an open house, without fire, in severely cold weather. A gentleman of Mississippi, who knew him well, describes him as "a man of fine education, a classical reader, well read in the principles of moral and natural philosophy, of law and religion. His principles were well-formed and matured, and his moral character of the best model, firm, stern, inflexible, unyielding."

Judge Ker's widow, Mary, the first of our six University Marys, never lost her Christian faith, and, fearful that the writings of her husband, might contaminate others, burnt all his manuscripts. Soon after their settlement in Mississippi, she opened a school for girls at their residence in Washington, near Natchez, which was very successful, her husband, in the intervals of his professional work, assisting her in the teaching. She continued it after his death, educating their five children, and many of the best matrons of the south-west. She was born March 30th, 1758, and lived to November 30th, 1847.

The descendants of Dr. Ker and this excellent woman are among the best people of Mississippi, Louisiana and other states; the Kers, Terrys, Nutts, Byrneses, Prices, Jeffrieses. The youngest child, Dr. John Ker, was a surgeon in the Seminole war, a successful cotton planter, and member of the legislatures of Louisiana and of Mississippi. One of his grandsons, J. Brownson Ker, is a lawyer in New York City and two granddaughters are teaching

in the same city. Another of his sons, Wm. Henry, was the stroke oar of the 'Varsity crew at Harvard, fought on the Confederate side as a cavalryman throughout the war and was, until recently disabled by sickness, Principal of the white Public Schools of Natchez and President of the State Board of Education.

Dr. John Ker's youngest daughter, Miss Mary S. Ker, one of the best specimens of the noble class of "old maids," has cared for two generations of orphaned nieces and great nieces. She was for some time a member of the Faculty of Stanton College, a school for females in Natchez, and is now a teacher in the Graded schools of the same city.

It is interesting that a descendant of the first Presiding Professor, Mr. Charles M. Byrnes, is now a member of the Sophomore Class of this University, inaugurated one hundred and five years ago by his progenitor.

THE TWENTY-FIFTH ANNIVERSARY OF THE REOPENING OF THE UNIVERSITY.

The reopening of the University in 1875 after its destruction as a result of the Civil War was no less an act of faith and enthusiasm than its establishment in 1789. Both its establishment and rebirth occurred at times of supreme national disaster and discouragement. The Commencement of 1900 will mark the 25th Anniversary of this important event. It is proposed to celebrate this occasion with appropriate ceremonies. The attention of every student of the reopening year and every member of the Faculty of the revived University is called to the following statement of plans and purposes: Sixty-nine men presented themselves for registration at the opening of the University in 1875. The following is a complete list of these pioneers with their present addresses so far as known. Those reported dead are marked with a star.

Arrington, Arthur, Jonesboro.
Askew, C. T., New York.
Baker, Dr. J. M., Tarboro.
Barlow, T. D.*
Barrow, F. P., Jackson.
Battle, Dr. K. P., Jr., Raleigh.
Bond, Charles, Windsor.
Britt, G. W., Clinton.
Bynum, E. T.*
Caldwell, Rev. R. E., Winston.
Capel, A. E. W., Troy.
Carter, E. D.*
Cherry, J. G.*
Covington, C. C., Wilmington.
Davis, Fred, Elizabeth City.
Davis, R. H., Louisburg.
Dillard, Dr. R., Edenton.
Dobson, J. H., Atlanta, Ga.
Englehard, E. B.*
Faison, J. H.*
Fearing, W. B., Manteo.
Fremont, F. M., New York.
Gallaway, C. W.*
Griffin, M. R., Elizabeth City.
Henderson, Dr. R. B., Wilson.
Hill, E. J., San Francisco, Cal.
Hughes, R. H., Hillsboro.
Hunter, C. W., Enfield.
James, F. G., Greenville.
Johnson, Julius, Yanceyville.
Lewis, J. B., Rocky Mount.
Lloyd, Henry.*
Mallett, John, Eustis, Fla.
Manning, Jas. S., Durham.
Manning, Dr. John M., Durham.
Maynard, E. P., Raleigh.
McCorkle, Geo., Newton.
McKay, Neill, Carthage.
McKay, Prentys, Norvall.
McNeill, T. J., Chester, S. C.
Merritt, R. G., Pittsboro.
Moore, Van B., Raleigh.
Nicholson, J. M.*
Nixon, H. B., Gettysburg, Pa.
Nixon, Dr. J. W., Chulnota, Fla.
Parker, R. B., Enfield.
Payne, Dr. R. L., Norfolk, Va.
Peele, W. J., Raleigh.
Phillips, Dr. W. B., 213 9th St., Pittsburg, Pa.
Powell, J. C., Tarboro.
Sawyer, J. H., Elizabeth City.

Sherrod, J. H., Hamilton.
Sloan, Dr. H., Garland.
Spears, H. T., Lillington.
Stanback, D. C., Rockingham.
Staton, J. R.*
Steele, Ed. D., High Point.
Stubbs, H. W., Williamston.
Taylor, Dr. I. M., Morganton.
Taylor, J. C., Chapel Hill.
Thompson, O. G., Goldsboro.
Troy, Rev. J. C., Jonesboro.
Vance, D. M.*
Vaughan, L. C., 52 Broadway, New York.
Vines, C. C., Falkland.
Watkins, H. T.*
Winston, F. D., Windsor.
Winston, R. W., Durham.
Yarboro, F.*

The following is a list of the Faculty who were present at the reopening:

Rev. Chas. Phillips, D.D., Professor of Mathematics; J. DeBerniere Hooper, A.M., Professor of Greek and French; George Tayloe Winston, Adjunct Professor of Latin and German; Rev. Adolphus W. Mangum, Professor of Moral Philosophy and English Literature; Rev. Alexander Fletcher Redd, Professor of Physics and Chemistry; Ralph Henry Graves, B.Sc., C., and M.E., Professor of Engineering; John Kimberly, A.M., Professor of Agriculture. The only members of that Faculty now living are: Geo. T. Winston, President of the A. & M. College at Raleigh, and Alexander Fletcher Redd.

A letter of invitation has been sent to each one of the students of '75. Answers have been received from the following stating their intention to be present:

Dr. J. M. Baker, Tarboro.
Dr. K. P. Battle, Jr., Raleigh.
Rev. R. E. Caldwell, Winston.
A. W. E. Capel, Troy.
Fred Davis, Elizabeth City.
Dr. R. Dillard, Edenton.
E. J. Hill, San Francisco, Cal.
J. B. Lewis, Rocky Mount.
Jas. S. Manning, Durham, N. C.
Dr. John M. Manning, Durham, N. C.
George McCorkle, Newton, N. C.
Dr. James W. Nixon, Chulnota, Fla.
Dr. R. L. Payne, Norfolk, Va.
W. J. Peele, Raleigh, N. C.
Dr. William B. Phillips, Pittsburg, Pa.
John H. Sawyer, Elizabeth City.
J. H. Sherrod, Hamilton.
E. D. Steele, High Point.
Dr. I. M. Taylor, Morganton.
J. C. Taylor, Chapel Hill.
Rev. J. C. Troy, Jonesboro.
F. D. Winston, Windsor.
R. W. Winston, Durham.

No answer has been received from the following:

Arrington, Arthur.
Askew, C. T.
Barrow, F. P.
Bond, Charles.
Britt, G. W.
Covington, C. C.
Davis, R. H.
Dobson, John H.
Fearing W. B.
Fremont, F. M.
Griffin, M. R.
Henderson, Dr. R. B.
Hill, E. J.
Hughes, R. H.
Hunter, C. W.
James, F. G.
Johnston, Julius.
Maynard, E. P.
McKay, Prentys.
McNeill, T. R.
Merritt, R. G.
Moore, Van B.
McKay, Neill, Jr.
Mallett, John.
Parker, R. B.
Powell, J. C.
Sloan, Dr. Henry.
Spears, H. T.
Starbuck, D. C.
Stubbs, H. W.
Thompson, O. G.
Vaughan, L. C.
Vines, C. C.

A Committee of Arrangements, charged with the general arrangement and control of the occasion, has been constituted as follows:

J. C. Taylor, Chairman.
J. C. Troy.
J. S. Manning.
R. W. Winston.
R. E. Caldwell.

It is proposed to have the celebration on Wednesday, June 6, between the hours of 11:30 P. M. and 2 P. M. The following programme has been arranged:

1. Statement of the Resources of the University of 1900. President Alderman.

2. The Struggle and Story of the Rebirth. Hon. K. P. Battle.

3. The First Faculty, its Work and its Opportunity. President Geo. T. Winston.

4. The Student Body and Life at the University, 1875–'76. Doctor William B. Phillips.

5. Statistical History of the Men of '75. Rev. J. C. Troy.

Communication is earnestly desired from those who have not yet answered the letter of invitation. Chairman Taylor will correspond with them immediately, giving them such additional details of the occasion as may be arranged by that time.

Reduced rates will be secured on all the railroads, and reduced board in the village. This is the most notable event in the University's history since the Centennial Year of 1889. Every one of the pioneer students of the *post bellum* University should strive to be present.

RELIGIOUS LIFE IN THE UNIVERSITY.

Among a body of five hundred students representing more than a dozen religious denominations what is the center of religious life? In what field do men who enter the University find room for religious activity? Such questions naturally arise in the minds of those who are interested in the spiritual welfare of the students at the great educational center of North Carolina. The religious life of such a number of students representing all sections of our State is necessarily diverse. Baptist, Methodist Episcopal, Presbyterian, Episcopal, Lutheran, Disciples, Christians, Disciples of Christ, Moravian, Methodist Protestant, Dutch Reformers and Jew all have representatives. As North Carolina has no state religion so her University has no University religion and hence whatever religious life there is springs freely and voluntarily from the interest in spiritual affairs among the students, faculty and townspeople who work hand in hand in the accomplishment of their purpose.

Four of the above mentioned denominations (Methodist Episcopal, Baptist, Presbyterian and Episcopal) have churches in the village. Naturally about these all gather as a center, and student and instructor work and worship together.

The Sunday and week day services conducted in these churches by resident pastors are open to the students. In addition to this the Trustees elect annually four University Preachers who spend one week each at the University and during this time conduct the daily service in Gerrard Hall, two public services and are also pressed into service by the Young Men's Christain Association at their regular weekly devotional meeting.

In addition to this influence there emanates from the faculty a lively encouragement of religious affairs. In the four churches of the village Bible classes are conducted by college professors, the Bible is used as a text book in the University, and the interest in the Sunday morning Bible lecture given each week in the chapel by another professor has been considered reason sufficient for the maintenance of this course.

Through such favorable influence the student interest is enlivened and manifests itself in a number of student organizations. The condition of these organizations shows that the students have grasped one of the fundamental principles of Christianity—that of "Prayer and service for our fellow man by which we also accomplish the greatest good to ourselves."

With this principle as a basis, all denominations unite in the work of the Young Men's Christian Association. An advisory member of the Faculty and the ministers of the village serve to advise the officers of the Association, all of whom are students. Under the auspices of the Association Bible classes are conducted, devotional and missionary services held in the University Chapel and at present an active movement is on foot to raise money for the erection of a $10,000 building which is to be devoted

to the use of the Association. As the occasion demands the Association is active in helping and encouraging all that tends to the development of the perfect man.

The Chapter of the Brotherhood of St. Andrew, of the Episcopal Chnrch, is composed entirely of students and on account of its spirit and method of work on purely personal lines is considered a leader among the college chapters of this Brotherhood.

The Young People's Union among the Baptists, the Westminster League among the Presbyterians, and the Epworth League among the Methodists are composed largely of students and the officers of these associations are either students or members of the Faculty.

This work has been mentioned to show to show to what extent the religious life life of the students is a real and active thing. Of course true religion cannot be measured nor estimated, but as far as faith is shown by works these facts are encouraging to those who are solicitous for the spiritual well being of the University students.

The spirit of toleration that exists is such that whatever a man's doctrine and belief he will find himself free and unhampered in any activity he may choose—an open field and many co-laborers. This, with the spirit of "human helpfulness," so characteristic of a college boy, produces a man who is broad and useful in the field of Christian endeavor.

DOCENTS.

A copy of a Resolution passed by the Faculty of the University of North Carolina, November 27th, 1899:

"All students offering themselves as Docents shall first make written application to the Faculty.

If recommended by the Professor in the Department and in other respects regarded as fitting, they shall be furnished with a regular license.".

License has been issued to the following:

Dec. 5th, 1899. W. S. Bernard, Greek and Psychology.

Jan. 3d, 1900. J. E. Latta, Ph.B., Physics.

Jan. 3d, 1900. G. N. Coffey, Geology.

CHANGE OF REQUIREMENTS FOR ADMISSION.

The requirements for admission into the Freshman Class, in Mathematics have been raised and beginning with next September, candidates will not only have to bring proper certificates, or stand an examination on, Arithmetic, the whole of a School Algebra and a College Algebra to quadratics, but in addition three books of Plane Geometry will be required.

A circular letter will be sent to Principals of Schools and Academies calling attention to the additional requirements.

NOTES.

A new work by Prof. W. D. Toy has just appeared from the press of D. C. Heath & Co. This is an Edition with Introduction and Notes of *Les Precienses Ridicules de Moliere.*

In June last Dr. K. P. Battle read before the North Carolina Bankers' Convention a paper on "The Personnel and Methods of the Bank of North Carolina." Dr. Battle was one of the first directors of this bank and is the only surviving one. This paper was published in the United States Bankers' Magazine.

Dr. Wm. B. Phillips, '77, Consulting Engineer, Pittsburg, Pa., is now engaged in opening some copper mines in Warren county, Va., for Pittsburg people.

The RECORD has received some very kind letters from alumni enclosing their subscription. Two may be copied here:

"I am in thorough accord with the growth and improvement of the University and take great interest in the doings of her Alumni."—J. C. Braswell, Rocky Mount.

"Enclosed please find fifty cents to cover subscription to the RECORD. God bless the old University."—R. B. Boone, Durham, N. C.

James Lee Love, Ph.B., '89, Instructor in Mathematics in Harvard University, (by mistake reported as Assistant, page 14 this issue) has been appointed Secretary of the Lawrenceville Scientific School. This appointment includes the Secretaryship of the Harvard Summer School.

THE CARR BUILDING.

It would interest the Alumni and friends of the University to know more of the excellent hall presented by General Julian S. Carr of the Class of 1864. It lies 150 feet east of Smith Hall, the library building, upon a slight eminence, its main (west) entrance facing the library. Its ground plan is 56x88 feet, the longer dimension extending north and south.

The walls are built of white granite pressed brick, and the roof of slate. The Carr Building is a good example of the Italian Renaissance style of architecture, clean cut, eminently appropriate for a college structure. The entrances through heavy arches supported on groups of Ionic columns, are made prominent by the gables above the cornice line directly above them. The oriel on the north elevation is added for interior comfort more than for exterior ornament, the sole reason for it being to give direct sunlight to the middle room on the north side. The south oriel was put on to make the building symmetrical, as were also the north and east gables.

The principal features of the interior are: the convenience of access of all rooms to halls and stairways; the uniform size of all rooms; the abundance of light in all rooms, every room in the building having at least two large windows admitting direct sunlight, and the toilet rooms all on the west side, getting an abundance of direct sunlight.

The architects, Messrs. Pearson and Ashe, have done their work well. General Carr has done many deeds of beneficence and generosity in his life, but it many be doubted whether he has ever used his wealth more wisely than in the building of this hall. It will shelter for generations the youth of the State while they are fitting themselves to be men, and will hand his name down as a doer of good to remotest generations.

FOOT BALL, SEASON OF 1899.

Captain—S. E. Shull.

Coach—W. A. Reynolds.

Players:—Shull, Bennett, Phifer I., Rankin, Elliott, Osborne, Craige, Martin, Graves, Koehler, Bellamy, Howell, Richardson, McRae, McIver, E.. Brem R., Phifer W., Foust, Reynolds, Simpson, Lawson, Cunningham, Singletarry.

GAMES PLAYED.

U. N. C. vs. A. and M. College, 34 to 0.
U. N. C. vs. Oak Ridge, 16 to 0.
U. N. C. vs. Guilford College, 45 to 0.
U. N. C. vs. Horner School, 40 to 0.
U. N. C. vs. Davidson College, 10 to 0.
U. N. C. vs. A. and M. College, 11 to 11.
U. N. C. vs. University of Maryland. 6 to 0.
U. N. C. vs. Naval Academy, 0 to 12.
U. N. C. vs. Princeton University, 0 to 30.
U. N. C. vs. University of Georgia, 5 to 0.
U. N. C. vs. Sewanee, (Uni. of South), 0 to 5.

NECROLOGY.

ALEXANDER, JOHN HOWARD, Chapel Hill. Matriculated, 1898. Born January 2, 1882. Died November 24, 1899.

CAPEHART, BALDY ASHBURNE. Matriculated from Hertford county January 4th, 1833. A.B. 1853. Planter in Hertford and then Granville county. Chairman of the County Courts of Hertford and Granville. Died a resident of Raleigh January 5th, 1899.

HARRIS, FREDERICK HENRY, Chapel Hill, N. C. Born September 30th, 1881. Matriculated 1898. Died in New York December 24th, 1899.

HINES, JOEL. Matriculated from Pender County, 1878. Left 1879. Entered Law School, 1884. Lawyer at Whiteville, N. C. and Piedmont, Missouri. State District Attorney in Missouri. Born 1862. Died January, 1899.

JONES, CADWALLADER. Matriculated from Hillsboro, N. C. A.B., 1832. Lawyer. Member of the General Assemblies of North and South Carolina. Solicitor of the 5th N. C. Judicial District. Colonel C. S. A. Member of the Convention of South Carolina. Planter in South Carolina. Resident at Rock Hill and Columbia, S. C. Born August 17th. Died at Columbia, December 1899.

LONG, BENJAMIN FRANKLIN, JR., Statesville. Matriculated September, 1899. Born March 14th, 1882. Died November 16th, 1899.

NIXON, THOMAS F., Wilmington. In the University, 1856–'59. M.D. Druggist, at Raleigh and Wilmington. Born 1839. Died December 2nd, 1899.

PEEBLES, WILLIAM W., Jackson, Northampton County. A.B., 1853. Lawyer. State Senator. Born July 17th, 1831. Died December, 1899.

ROBERTS, STEPHEN CHESTER. Matriculated from New Berne. A.B., 1852. Episcopal Minister at Chestertown, Maryland. Born October 12th. 1831. Died November 15th, 1899.

WOOTEN, MARCELLUS, Kinston. A.B. and A.M., Davidson College 1896. Teacher. Entered Law School, July 5th, 1899. Born June 10th, 1875. Died November 10th, 1899.

Teachers Wanted.

UNION TEACHERS AGENCIES OF AMERICA.
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Record of Graduates before different State Examining Boards this year: **Virginia: 42 applicants, 42 passed; North Carolina: 18 applicants, 18 passed;** *and* **100** *per cent.* **likewise,** *before all (four) other State Examining Boards that have reported.*

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Faculty	39
Students	495
Summer School	161
Total	656

Largest Academic Enrollment in the Southern States.

EDWIN A. ALDERMAN, LL.D., President.

Chapel Hill, N. C.

Chapel Hill, N. C.: Printed at the University Press.

THE UNIVERSITY RECORD.

University of North Carolina.

VOL. V, NO. III. QUARTERLY, FIFTY CENTS A YEAR. APRIL, 1900.

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.—President Alderman.

After isolation and war and reconstruction and groping for the right clew to a new economic life, it is impossible to resist the feeling that North Carolina and the South are just beginning their probationary period as members of the modern world.

It is not an easy thing for a democracy to build a staunch, worthy and unified system of education. For sixty years this State has been striving to do this in the face of many disadvantages. Popular sentiment has never been so strong and so helpful toward this end, as it is now. The architects of the coming educational life of the State must see to it that no patch-work job is made. The educational process is one great whole, though men for convenience sake divide it into primary, secondary and higher. There should be sympathy and articulation between these three to form the great whole.

The day of large things has come in the educational history of North Carolina. We must spend money for great results. It is better to spend money to make men than to sacrifice men to make money.

The Alumni of the University have a right to lead and must lead in the laying of the new educational corner-stone of North Carolina.

DR. ALDERMAN'S ANNUAL REPORT.

To the Board of Trustees of the University of North Carolina:

I have the honor to submit to the Board of Trustees the following report of the operations of the University:

I announce with regret the death of Mr. E. A. White, of Perquimans, a faithful trustee of the University.

The following changes in the faculty and officers of the institution have been made since my last report:

Judge James C. MacRae has succeeded to the Professorship of Law, vice Judge James E. Shepherd resigned: Professor H. F. Linscott has succeeded to the chair of Latin, vice Professor K. P. Harrington resigned, and Dr. Thos. J. Wilson and Mr. Edward K. Graham have entered upon work in the institution as Instructor in Latin and Librarian respectively.

It is a pleasure to me to report that these gentlemen are discharging their duties with eminent ability and zeal.

It seems worth while to call attention to the growth in attendance at the University during the past ten years. The total enrollment for each year was as follows:

1890–1891	198
1891–1892	248
1892–1893	316
1893–1894	378
1894–1895	412
1895–1896	394
1896–1897	391
1897–1898	508
1898–1899	493
1899–1900	512

This enrollment is exclusive of the Summer School in all instances. It will be seen that the total enrollment this year is the largest, not only of the revived University, but is 51 in excess of the largest ante-bellum enrollment, viz., 461 in 1858.

It is also gratifying to record that the attendance this year is 121 in excess of the first year of my incumbency, or a gain of 33 per cent. in the last three and a half years.

I believe that the Supreme Court of the State would act wisely to increase the requirements for admission to the bar to a two-years course for all students. In this way alone can the tendency be checked to debase law schools from their high functions into mere quizzing bees for obtaining license.

I wish to commend in the highest terms the zeal, ability and devotion of the new preceptor in law, Judge J. C. MacRae, and his associate in the work of the fall term. Mr. J. Crawford Biggs. The best praise of the work done is furnished by the fact that every applicant before the Supreme Court was successful: even those who did not receive the certificate of the department. The department needs better quarters, more teaching force, and a better library.

The repeal of the dissecting law by the General Assembly of 1899 endangers the success of the Medical School. I hope that the next Assembly will see the anomaly of their position and will remove this reproach to the spirit of scholarship and scientific research in the State.

The School of Pharmacy is in a prosperous condition and its head, Professor Howell, deserves much praise for his thoroughness and his ability to utilize small means to accomplish large results.

Internal Life.

In its purely academic work the University has had a year of singular seriousness and success. The instructors have done all that men could do with the means afforded them, and an analysis of the December examinations reveals the fact that the students have done in the main very satisfactory work. The standard of admission into the University has been raised so as to include three books of plane Geometry, and a measure is before the faculty looking to such

additional preparatory requirements in the philosophic and scientific courses as will make entrance into these courses as difficult as entrance into the A.B. course.

The standard of graduation is the same for all. The University desires to stimulate the growth of the secondary schools. It has had no preparatory department for years. Its standard is the highest in the state now, as it should be, and will be raised as the growth of preparatory education justifies change. The conduct of the students deserves my warmest and highest commendation. There has been no serious infraction of discipline during the session, and this is a remarkable statement to make of an isolated college community of 512 members. The health of the students has been very good. The one case of imported smallpox was stamped out quickly and no others appeared. That there were difficulties in the doing of this may be inferred from the fact that the pest house is situated in the center of the campus. There has been some typhoid fever in the village and it should be known that we incur the danger of all communities that have sewers, and yet, must rely solely on wells for all drinking water.

External Equipment.

The Carr Building, now being constructed by Zachary & Zachary, is roofed in and will be completed in the spring. It is an imposing building of gray brick, and will be a splendid ornament to the campus, a service to the students and a worthy memorial to its founder. I ask that I be empowered to prepare a schedule of rates for the rental of its rooms, and also for the rooms of all other dormitories. The contract for the roofing in of the Alumni Building has been given to the same firm and this will be completed by June. A new athletic field, 300 yards to the south of the present one, has been undertaken and will be ready for use in the fall. Acting under the advice of the engineer in charge, nothing has been done in the matter of constructing the water-works system. The course was surveyed and the matter looked into, but the sum appropriated was found to be entirely inadequate and was therefore abandoned. The original $10,000 asked for would barely do the work.

I beg to suggest that bids for an adequate system be invited—that the smallest one be accepted, and that the work be begun with the funds at hand and carried as far as the funds will permit.

Continuous Session.

The plan of the continuous sessions is a part of a large whole. It is one manifestation of the University-extension spirit—that spirit which, during the last eight or nine years, has been leading many of the more prominent universities of our country to widen their fields of activity with the purpose of bringing the advantages of the University to those classes of the population that have heretofore been deprived of university culture. It is, in effect, a movement to add a year to the life of a scholarly man.

The Summer Normal School continues to attract many teachers in schools, academies and colleges of this and other States, quite a number of county superintendents, city superintendents, and young graduates who purpose teaching, but wish to receive special professional training before beginning their work.

The total enrollment during the session of 1899 was 161, thus showing the wisdom of establishing the school.

The Summer School proper should be continued and strengthened. This can be done by offering to summer school students certain university courses and making it possible for those who take these courses to remain after the close of the school and complete their work. It is the part of wisdom to conduct a summer school in the university buildings even for the short four weeks' session. I believe, however, that a still greater step forward shall have been taken

when the University plant shall cease to lie idle during the entire summer vacation, and regular courses be offered throughout the whole year. There are many persons, among them some of our own students, teachers in public schools, academies and colleges, and others who are anxious to attend the University during the summer months.

I confidently urge that the University plant be put in service during the months of June, July and August, and a part of September.

THE SUMMER TERM.

THE UNIVERSITY OF NORTH CAROLINA will hold this year, for the first time in its history, a Snmmer Term and offer to students twenty full courses of regular university instruction. This is a decided step forward in the interest of those seeking higher education and puts the University within easy reach of its patrons at all times of the year. The purpose of this new departure is to provide graduate and undergraduate instruction in a wide range of subjects for those who, for various reasons, do not wish to remain unemployed intellectually during the long summer months. In this way the buildings, library, laboratories, in fact, the whole University plant, will not lie idle from May to September, but will be in use by those who can attend a higher institution only during the summer.

It is believed that the summer term will be of very great value and convenience to the following:

1. Such persons as wish to attend the Univer-sity but can do so only during the summer.

2. Teachers in High Schools, Academies and Colleges who wish to broaden and deepen their knowledge, or who wish to do advanced work in special subjects.

3. Many students who wish to pursue their studies during the summer and thus hasten their graduation.

Courses Leading to Degrees.

The courses offered at the summer term are so arranged that each will equal in value either one half year's work, or a whole year's work of the regular University classes. For instance, the fall term of Freshman Latin, which recites four times a week, may be accomplished during the summer term by five recitations a week.

Courses Offered.

Latin 3, Greek 2, Mathematics 2, Modern Languages 3, English Literature 2, Chemistry 4, History 2, Pedagogy 2, Psychology 1.

Each student must take at least fifteen hours a week and, when he has passed a satisfactory examination, the work done will be of equal value in counting for a degree with that done in the corresponding fall and spring terms of the University year.

The requirements applying to entrance at the beginning of the fall and spring terms will apply to entrance at the summer term.

Those coming from other institutions will receive credit for work done there. Scholarships are not available for the summer term, and yet the authorities will endeavor to act as generously as possible towards young men struggling to secure higher education.

The summer term begins June 20, 1900, and continues twelve weeks.

Expenses.

Tuition, $20.00; Registration, $5.00.

A larger circular containing full information as to the different courses will be ready by May 1.

THE UNIVERSITY SUMMER SCHOOL FOR TEACHERS.

The Summer School will begin a four weeks'

session on Tuesday, June 12, 1900. The establishment of the Summer School was a great step forward in the interest of the teachers of the State, and emphasizes in a practical manner, the friendly and progressive attitude of the University towards the cause of elementary and secondary instruction in our public and private schools.

The Summer School, profiting by its phenomenal success since it establishment six years ago, will endeavor this year to be in the strictest sense of the word

A School of Methods,

meeting every want of teachers in both public and private schools. Constant effort will be made to present more practical work than ever. All grades of work from the first grades to advanced classes in the High Schools and Academies will be presented by a corps of carefully selected experts.

Members of the Summer School, during the four weeks that it is in session, may attend free of charge any of the Summer Term classes. Thus in addition to the regular work of the Summer School they will enjoy opportunity for University instruction, opportunities rarely enjoyed by those attending the usual Summer School. In this way the Summer School will be materially strengthened and its work made much more effective.

The corps of instructors will present the best educational methods employed in the public school systems of the State, several leading Normal Schools of the South, and the University of North Carolina. All the resources of the University, books, apparatus, buildings, recitation rooms and laboratories will be at the service of the students of the Summer School, and in addition to these advantages teachers will also have free use of the University Library, containing 30,000 volumes and affording unusual facilities for private reading and study.

There will be frequent public lectures by eminent persons on subjects of public and professional interest which will be free to members of the Summer School.

A large circular containing full information will be ready for distribution about May 1st.

ALUMNI REORGANIZATION.

In the last RECORD the plan for complete Alumni organization was outlined. Since then the details of the plan have been decided upon, formulated in a pamphlet and mailed to some fifteen hundred of the Alumni. It is in the hands of all the readers of the RECORD and has doubtless been perused by them with interest.

As yet the Secretary is not able to report any definite progress in the work of organization. All that can be done in reaching the Alumni and exciting their interest in the plan of organization has been done. But despite this activity on the part of the authorities we repeat that little progress has been made. For some reason the Alumni have not taken hold of the plan and performed the duties it imposes upon them.

We have looked in vain to discover what this reason may be. Is the plan faulty? No criticisms have been received or improvements suggested. Is the purpose not worth the effort necessary to carry it out? Nothing but failure to comprehend the great end in view could induce such an idea. That it is lack of interest is a conclusion too much at variance with the traditional loyalty of our Alumni. We are as certain of interest as we are of the loyalty, and yet we are equally certain that in this instance the interest has entirely failed to show itself. There has been practically no response although the efforts of the University have been strenuous. Very few letters have been received in reply to the great quantity of matter sent out and only in one or two cases has the intention been expressed of performing the simple service that the plan puts upon the various sections of the State.

Under such discouragement the natural course to pursue would be to abandon the whole scheme. Yet nothing is more foreign to the purpose of the committee in charge. The work was undertaken with the conviction that it would be successfully terminated and no other thought has come into consideration. The committee believes that the interest of the Alumni will show itself and that there will be found a sufficient number of loyal men to form a serviceable association in every town and county in the State.

We again refer the readers of the RECORD to the "Plan of Organization." Any point of information will be supplied by the Secretary of the Alumni, Chapel Hill.

SAMUEL MAY.

The friends of the University everywhere will be pained to hear of the death of Samuel May, Instructor in Modern Languages.

He had been for several days confined to his bed with the grippe, but was thought to be almost convalescent, when a sudden change developed symptoms of pneumonia, which deprived him of consciousness and carried him off at the expiration of twenty-four hours.

During his illness he received every possible attention from the physicians and was nursed with affectionate care by his brothers of the Delta Kappa Epsilon Fraternity. His death occurred at 8 P. M. on Tuesday, March 20.

On the next day a funeral service was held at the Delta Kappa Epsilon Hall by the Rev. Dr. Meade, Rector of the Chapel of the Cross, of which Mr. May was a devoted member, and the remains were escorted to Washington by a committee consisting of Messrs. F. M. Osborne, J. A. Moore and Professor Toy.

It is difficult to give an adequate idea of the shock which the whole community sustained at the announcement of Mr. May's death. He was so thoroughly identified with many sides of our life, that his removal is felt to be a serious personal loss for a large part of the University.

He became a member of the University Faculty in September, 1896, having recently graduated from Harvard, and entered upon his work here with enthusiasm. In this work he revealed a high ideal of scholarship, unfailing energy and a commendable spirit of orderliness. His courses were those of the first and second years in French and German.

It is a high tribute to his skill as a teacher to say that his classes were found to be in most excellent order. They were well advanced in their work and what is more, many of his students had acquired a permanent interest in the subjects of their study.

Mention has been made of the diversity of Mr. May's interests. In his Church he was a member of the vestry and a most efficient worker. In the social functions both of the University and of the village, he was invaluable as an organizer and as referee in all matters of taste.

He was a diligent student, an inspiring teacher and an admirable gentleman. With sound scholarly judgment, accurate training and high purposes, he had the promise of a valuable professional career; while his rare social gifts, his sympathy with all that is beautiful in life, his delicate consideration for the welfare and happiness of his friends, assured him the esteem of all with whom he mingled. These brilliant prospects have been cut short, but the lesson of his life will not be forgotten.

RESOLUTIONS OF THE FACULTY.

It is with profound sorrow that the Faculty of the University of North Carolina has recorded in its Journal the death of Samuel May, Instructor in Modern Languages.

His life of beautiful courtesy and fruitful service has left a trace which will belong henceforth to the best traditions of this University.

That he was a stimulating and successful teacher is abundantly proved by the progress, interest and esteem of his classes: that he discharged most admirably the manifold incidental duties which fell to his lot, we have all seen for ourselves.

With all of his colleagues his relations were cordial; to some he was endeared by personal ties of endearing friendship. He was also the chosen friend of the students, and his intimate association with them has raised the standard of the student-life in its best forms.

His untimely death has given us deep pain. We respectfully beg his stricken household to accept our heartfelt sympathy.

WALTER D. TOY,
EBEN ALEXANDER,
CHARLES BASKERVILLE, } *For the Faculty.*

CHARLES BRANTLEY AYCOCK, '80.

The Democratic party on April 11th, nominated by acclamation Charles Brantley Aycock of the class of 1880 for the governorship of North Carolina. It gave one faith in the integrity of popular impulse to see the way in which all the people of a great party turned to Mr. Aycock as their chosen leader in a critical period of State history. The University has a right to be proud of Mr. Aycock, for his career has been a fine and inspiring illustration of power and character and merit. He is a man with a statesman's brain and a good man's heart. He has the knowledge, the training, and the culture, to represent his State worthily under any circumstances and at any place in this Union. The University stands aloof from all partisan bitterness, but it delights to set the seal of its approval upon those of its sons, who by sacrifice and devotion have won the love of their fellow citizens. If Mr. Aycock should be chosen to guide the affairs of this State, he will do his duty with wisdom and justice and dignity.

CHANGES IN THE COURSES.

Certain changes have been made in the requirements for admission and for graduation.

1. Fifteen hours per week for four sessions will be required in all courses for graduation.

2. In addition to the present requirements for entrance, candidates for admission to the Ph.B. course must be prepared on the equivalent of one year's study in a Modern Language, or Mathematics, or Physics; and for admission to the B.S. course, on the equivalent of one year's study of a Modern Language and one year's study of Mathematics, or of Physics.

The additional requirements in the Ph.B. and B.S. courses may be fulfilled by completing the work after admission to the University.

INTER-COLLEGIATE DEBATES.

The fourth annual debate between representatives of the Universities of North Carolina and of Georgia, was held in Gerrard Hall on Nov. 6th. The question was: Resolved, That the English system of government answers better to the needs of a free and self-governing people than does that of the United States. Messrs. R. H. Smith and C. E. Weddington represented the University of Georgia, on the affirmative; Messrs. D. P. Parker and W. H. Swift, the University of North Carolina, on the negative. The decision was in favor of the negative. This is the third consecutive victory for this University.

The first annual debate with Vanderbilt University was held at Nashville, April 20th. The question was: "Resolved, That the United States should not maintain permanent possession of the Philippine Islands." For Vanderbilt the speakers were, Messrs. E. B. Crooks and Carl Monk, having the affirmative side. Messrs. Whitehead Kluttz and W. S. Bernard represented North Carolina and won the debate.

CATALOGUE FOR 1899-1900.

The Catalogue of the University of North Carolina for the academic year 1899-1900 has just appeared. It is a well printed and attractive book of 123 pages from the University Press of Chapel Hill. The entire work, type-setting, printing, and binding, was done by students of the University. The following facts from the annual register are of special interest:

The total registration for the year is 512, the largest enrollment in the history of the institution. This total is distributed among the departments as follows: Graduate School, 26; College for Undergraduates, 345; Law School, 80; Medical School, 44; School of Pharmacy, 20. The enrollment in the last Summer School was 161, making a grand total for the year of 658, exclusive of all duplicates.

Of the 512 students at the regular session, 483 are from North Carolina, representing 82 counties. Thirteen other states are represented by 29 students.

The Faculty of the present year consists of 20 Professors, 7 Instructors and 8 Assistants offering, in the College and Graduate Schools, a total of 110 courses, and in the Schools of Law, Medicine and Pharmacy, 32. The Faculty of the Summer School numbered 20, offering a wide range of courses to the teachers of the State.

Attention is also called by the Catalogue to the increase of the University equipment by the erection of two new buildings, the Carr Hall for dormitories and the Alumni Hall for recitation rooms and executive offices.

The Catalogue went to press too early for an announcement of the new arrangement of the College year and of the plan for the continuous session through the summer. This will appear in a separate circular.

105TH. ANNUAL COMMENCEMENT.
JUNE 3, 4, 5, 6, 1900.

Sunday, June 3.

11:00 A. M. Baccalaureate Sermon. Rev. Givens V. Strickler, D.D.

Monday, June 4.

8:00 P. M. Annual Debate between the Philanthropic and Dialectic Literary Societies in competition for the President's Prize. Debaters: Phi.: G. V. Cowper, L. T. Johnson. Di.: J. K. Hall. D. S. Thompson.

Tuesday, June 5.

9:00 A. M. Seniors form in front of the Memorial Hall and march to the Chapel for prayers.

10:00 A. M. Senior Class Day Exercises in Gerrard Hall.

11:30 A. M. Reunion Exercises of the Classes of '80, '90, and '95. Addresses by: Hon. Locke Craig, '80, Victor S. Bryant, '90, J. O. Carr, '95.

3:30 P. M. Annual Meeting of the Board of Trustees in Person Hall.

8:30 P. M. 25th. Anniversary of the reopening of the University.

Invocation by Rev. R. E. Caldwell.

Orations by: Hon. Kemp P. Battle: "Struggle and Story of the Rebirth."

Pres. Geo. T. Winston: "The First Faculty, its Work and its Opportunity."

Pres. E. A. Alderman: "Statement of the Resources of the University of 1900"

Dr. W. B. Phillips: "The Student Body and Life of the University, 1875-'76."

Rev. John C. Troy: "Statistical History of the Men of '75."

Wednesday, June 6.

9:30 A. M. Business meeting of the Alumni in Gerrard Hall.

10:30 A. M. Academic Procession.

10:45 A. M. Commencement Exercises in Memorial Hall. Orations by members of the Graduating Class.

12:30 P. M. Presentation of the Carr Building by a member of the Building Committee.

Reception of the Carr Building by a member of the Board of Trustees.

1:15 P. M. Conferring Degrees, announcement of Honors, Prizes and Appointments.

9:30 P. M. Alumni Meeting in Gerrard Hall. Refreshments.

JOSEPH CALDWELL, D.D. FIRST PRESIDENT OF THE UNIVERSITY OF NORTH CAROLINA.

Joseph Caldwell was of Scotch-Irish and Huguenot descent. His father, of the same name, was a physician, son of a farmer, who had emigrated from North Ireland and settled in New Jersey. His mother was Rachel Harker, daughter of a Presbyterian preacher, of much esteem. Her mother was of an excellent family of Lovell, which had fled from France on the revocation of the Edict of Nantes in 1684.

Joseph Caldwell, M.D., and Rachel, his wife, had three children, of whom the youngest, Joseph, was born on the 21st of April, 1773, two days after his father died of hemorrhage in his lungs. Their residence was Lamington, near Black river, a branch of the Raritan. The widowed mother, aided by her mother, both among the best specimens of womanhood, in all the troublous times preceding and during the Revolutionary war, cared for and trained her little flock, with Christian fidelity and wisdom.

After the war the family removed to Bristol in Pennsylvania on the Delaware river, where Joseph was fortunate in beginning school under an able and faithful teacher, and was from him transferred to the Grammar School at Princeton. The change of his mother's residence to Newark and to Elizabeth, caused his studies to be interrupted, and he was about to become a printer. On the urgency of Dr. Witherspoon, and probably by his aid, he entered the Freshman Class at Princeton in the Fall of 1787. He graduated in 1791 in the 19th year of his age, among the best scholars of his class, speaking the Latin salutatory.

About this time his mother removed to her farm near Black river, inherited from her father, and here he took charge of a small school. He next became Assistant in a flourishing Academy at Elisabethtown, and while so employed began to study for the ministry under Rev. David Austin, Pastor of the Presbyterian Congregation. Soon came to him the offer of a Tutorship in his alma mater, which he accepted and entered on its duties in April, 1795. His high reputation as a scholar and the success with which he administered the discipline of the institution, together with his skill in imparting knowledge, drew to him the regard of another distinguished young Princetonian, Charles Wilson Harris, the first Professor of Mathematics in the University of North Carolina, acting as Principal under the name of Presiding Professor. By his advice the Princeton Tutor was elected unanimously to the place, which Harris had resigned.

Passing through Philadelphia on his way south, Caldwell was invited to preach, and received a call to be pastor of a city congregation. On consulting Rev. Dr. Ashbel Green as to the propriety of seeking a release from his North Carolina engagement, in order to accept it, his distinguished friend emphatically counselled him against it.

He reached Chapel Hill, October 31st, 1796, and after a rest of a day or two entered on his duties. But his health then was delicate and the responsibilities were too great for his strength. After a year's work he offered to resign but the Trustees induced him to remain in his chair, by providing another head to the institution in the person of Rev. James Smiley Gillaspie, Professor of Natural Philosophy.

Mr. Gillaspie proving to be an unskilful manager of youth, Caldwell was compelled, in 1799, again to become Presiding Professor, and so continued until 1804, when, having developed all the qualities of a leader, on motion of Mr., afterwards Judge, Wm. Gaston, he was unanimously chosen to be the first President of the University. He was also elected a Trustee and held that position thirty one years until his death.

About this time he was offered a professorship in the College of South Carolina, with nearly double salary, and prospect of being in a

short while President, but without hesitation he declined to leave our University.

He always had a longing for mathematical study and, in 1812, desiring to finish a text book on Geometry, he resigned the Presidency, retaining his professorship. This step was not taken however until he had with great labor of correspondence and of travel, raised about $12,000 for finishing the South Building. That this was necessary to the progress of the University is indicated by the fact that before its erection students were forced to live in the Old East Building, six in a room.

The text book on Geometry compares very favorably with the old time manuals, all of which are more or less adaptations of Euclid, and was used by our students until the edition was exhausted.

He did not however obtain the rest from enforcing discipline that he hoped for. His successor, Rev. Dr. Robert Hett Chapman, was a strong Federalist and the students were of course for the war. Stormy times ensued. Most of the enforcement of discipline fell on the experienced shoulders of his senior professor, and so, when the good Doctor Chapman thought best to resign in 1816, the Trustees insisted on Caldwell's resuming the Presidential burden, at the same time honoring him with the degree of Doctor of Divinity, which honor was duplicated by his *alma mater*. He reluctantly, but with a stout heart, again took up the burden of the chief executive.

In 1826, after long delay, the University began to derive revenue from the sales of escheated land warrants, located in Western Tennessee. Nothing could be realized except by the assent of the Legislature of Tennessee, which was only given on condition of surrender of large blocks of the warrants for the use of two colleges in that state. Still by good management considerable sums were realized, notwithstanding fees of lawyers, surveyors, locators, and agents for management and for selling. Even in anticipation of actual receipts of money, the University took on new life. Professorships of Chemistry, of Rhetoric and Logic, and in 1826, of Modern Languages were added. The Old West Building was erected and Gerrard Hall begun. The Trustees then requested the President to visit Europe, procure by donation and purchase additions to the Library, and select suitable apparatus for instruction, especially in the departments of Chemistry and Natural Philosophy. He set sail in the month of April, 1824, leaving the management of the institution in the hands of the Senior Professor, Dr. Elisha Mitchell. Most of the purchases were made in London, but he took occasion to travel through France, Switzerland, Germany and Scotland, reaching home after an absence of ten months. His expenditures were, for books $3,234.74 and for apparatus $3,361.35, a large part of which was for astronomical instruments, which were used at once for determining the latitude and longitude of Chapel Hill.

Mr. P. C. Cameron, in his Memorial Hall address, gave a pleasant description of the reception of Dr. Caldwell, on his return, the illumination of the buildings, the procession to his dwelling, and thence to a stand in front of the South Building, where he delivered an eloquent and instructive address.

He was so struck with the immense benefits to follow the new invention of the locomotive engine, that he wrote a series of letters to the public over the *nom de plume* of Carlton, advocating, with much wealth of argument and information, the construction of railroads. This gained for him the reputation of being one of the fathers of internal improvement in our State. He advocated with similar intelligence and ability common school education and thus took rank with Judge Murphey and Bartlett Yancey as a pioneer in this great work.

In 1831 the Trustees authorized him to build

an observatory, the first college building of the kind in the United States. In it were a transit, and an altitude and azimuth instrument, a telescope and an astronomical clock. Observations were made for several years, but after the death of Dr. Caldwell they were suspended, the instruments removed from the building, and in 1838 that was destroyed by fire.

The prosperity of Dr. Caldwell and of the University under his administration culminated at the time of his mission to Europe. A severe financial crisis came. The number of students, which reached high water mark in 1823, began to fall off, as did the receipts from Tennessee lands. The Trustees thought it bad policy to curtail expenses and the institution was forced to face an annual deficit. A terrible disease attacked the good man, racking him with constant pain, often of an agonizing nature, for the last six or seven years of his life. The Trustees, notwithstanding their financial troubles, gave him an assistant in teaching, Prof. Walker Anderson, afterwards Chief Justice of Florida, but he insisted on giving up only half his work. On the 24th of January, 1835, his sufferings were brought to a close, to the general grief of the officers and alumni of the University, and of the friends of education and enlightened progress throughout the land. He had stood by the cradle of the University, had worked for it through its infancy and beyond up to strong manhood; had been the most potent factor in placing it on the highest table-land of Southern institutions. He had lived to see his pupils in all positions of usefulness and honor throughout our Southland, and he had unlimitedly their profound admiration. He had won the position of educational headship in our State. He was the recognized authority on matters connected with mathematical and astronomical questions. He was the astronomical scientist selected to run the boundary line between this State and our Southern neighbors. It was in recognition of his services for the State that the General Assembly in 1841 affixed his name to a Piedmont county.

As a preacher, although not eloquent, he was a thorough and fervid expounder of Christian principles. His sermons were so clear and exhaustive that many were sought for with a view to publication, and a few, notably that on the death of Washington and at the funeral of Professor Samuel A. Holmes, were printed in pamphlet form by admiring hearers. His style was elevated, too diffuse for modern taste, yet highly appreciated by his contemporaries.

Dr. Caldwell was on several occasions driven into print on account of attacks on himself for alleged aristocratic views, and on the institution under his charge. His adversaries found that he wielded with potency the weapons of ridicule and of sarcasm.

In his private relations he was neighborly, amiable and beloved. His accomplished and able step-son, Rev. Dr. William Hooper, has shown how the grave, almost stern, University President, at home disdained not the relaxation of genial humor, radiated happiness around him, was affectionate and kindly to all, from his brilliant wife to the humblest slave.

He was twice married. His first wife was Susan Rowan, probably a relative of the popular Congressman from Fayetteville, Wm. Barry Grove. He lost her and their infant daughter in 1807. Two years afterwards he married the widow of William Hooper, a merchant of Hillsboro, whose father was the signer of the Declaration of Independence. She was a daughter of James Hogg, who was one of the most active of the early Trustees, one of the committee that located the institution at Chapel Hill. She was a woman of strong brain, literary taste, and of active sympathy in her husband's work. They had no children, so that Dr. Caldwell has no lineal issue. There are, however, many descendants of his elder brother living in the State of New York.

After Dr. Caldwell's death a very accurate death-mask was taken, from which was made the bust belonging to the University. This, with his oil portrait in the hall of the Philanthropic Society, gives a faithful likeness of this great and good man. He was buried in the old Chapel Hill cemetery, but when, about ten years afterwards, his wife died he was disinterred and both were buried at the east of the old monument in front of the New West Building. At the request of her son, Dr. Wm. Hooper, he was in 1876 reverently laid by the side of his mother. The handsome marble monument not far from the Davie Poplar, built by subscription started by President Polk in honor of his old preceptor, when he visited Chapel Hill in 1847, is a cenotaph.

Dr. Caldwell was of a character, brave and strong, full of energy and pluck, a scholar, yet a man of action, genial and kindly yet stern to the refractory, a true Christian, a courteous, high-toned gentleman. He was of mighty influence in the intellectual and moral development of our people.

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EDWIN A. ALDERMAN, LL.D., President.

Chapel Hill, N. C.

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THE

UNIVERSITY RECORD.

University of North Carolina.

VOL. V, NO. IV. QUARTERLY, FIFTY CENTS A YEAR. JUNE, 1900.

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.—Ex-President Alderman.

President Venable has taken up the work of his office with great energy. Most of the students who have been here since 1880 have been under his instruction, and know his untiring zeal and strong wisdom.

No institution is more fondly loved by its Alumni than this University. The excellent plan of organization proposed will make that love something more than a sentiment.

Great results have been achieved here, greater will be achieved, if the Alumni lend their aid. They are the leading men in the State, in every walk of life. Their power is due to the training received at the University.

Much space in this issue is devoted to a record of the events of commencement week, which were of unusual interest this year because of the celebration of the twenty-fifth anniversary of the re-opening of the University. Only a brief summary of the addresses can be given. It is expected that they will be printed later in separate form. Dr. Alderman's and Dr. Battle's addresses are printed in full in the current number of the *University Magazine*.

PRESIDENT ALDERMAN'S RESIGNATION.

On the 5th of May, President Alderman sent the following letter of resignation:

Hon. R. H. Battle,
Secretary of the Board of Trustees,
Raleigh, N. C.

My Dear Mr. Battle:

I beg to offer to the Board of Trustees my resignation as President of the Univertity of North Carolina to take effect on June 15th, 1900. I take this step after patient study in order that I may accept the presidency of Tulane University of Louisiana to which I was elected on April 5th, 1900. This decision has been reached in the belief that it is just to my professional life and to opportunities for educational service that I make the change. I have tried very hard to do the right things along large lines and to eliminate from this problem the commonplace and the sordid. If I have seemed to take undue time, it is because time has been needed to see even with partial vision the path to tread. I have a firm belief that every thoughtful man who has this matter in mind at all will know something of the hurt of heart and mind through which I have passed, and the conflict of duty and emotion in which I have struggled. It is the hardest thing I have yet had to do in my life. It is needless to say my heart has been touched by the evidences of appreciation, all too generous and undeserved, from the people of the State for whom I have labored since manhood, from your honorable body so helpful and just to me always, from the body of Alumni and from the faculty and students of this institution in whose service I have known the joy of striving. I count this appreciation the finest reward of a life of some toil and struggling for the upbuilding of my native State.

With assurances of my personal esteem I have the honor to remain,

Very sincerely yours,
EDWIN A. ALDERMAN.

The whole State knows with what splendid success Dr. Alderman has managed the affairs of the University during the past four years. Trustees, faculty, alumni, students, and citizens of North Carolina sincerely regret that he is leaving the institution, and wish him Godspeed in his new work. He will be remembered here as alumnus, professor, president, and friend.

PRESIDENT VENABLE.

At the annual meeting held on June 5th, the Board of Trustees elected Dr. Francis Preston Venable President of the University to fill the vacancy made by the resignation of Dr. Alderman. The election was unanimous.

For twenty years Dr. Venable has been Professor of Chemistry, and his department has always been one of the strongest in the University. He is a son of Colonel Charles S. Venable, and was born in Prince Edward county, Va., Nov. 17, 1856. After graduation from the University of Virginia in 1879, he studied at Bonn and Göttingen, taking the degree of Ph.D. at Göttingen in 1881. He is a member of the American Chemical Society and of its Council at Large; Vice-President of the Section of Chemistry of the American Association for the Advancement of Science; member of the German Chemical Society: fellow of the London Chemical Society. He has always been the leading spirit in the Elisha Mitchell Scientific Society. Sixty or more of his papers have been published in the scientific journals of this and other countries. He is also the author of: *A Manual of Qualitative Chemical Analysis; A Short History of Chemistry; Development of Periodic Law;* and (in co-operation with Howe) of *Inorganic Chemistry according to Periodic Law.*

Although known best for his work in chemistry, he is a thorough-going scholar in hearty sympathy with all true learning. He is a man of strong character and executive power, and he will take up the work laid down by President Alderman and carry it on with distinguished success. No member of the faculty has more fully the confidence of students, faculty, trustees, and alumni, all of whom wish him a long and successful administration, and pledge him their hearty support.

COMMENCEMENT WEEK.

The exercises of commencement week opened with the baccalaureate sermon, on Sunday, June 3rd, by the Rev. Givens B. Strickler, D.D., of the Union Theological Seminary at Richmond. There was a large congregation in Gerrard Hall. Dr. Strickler's text was taken from Hebrews XI.: 6: "But without faith it is impossible to please Him." Only an outline of Dr. Strickler's thoughtful sermon can be given here:

Faith is the controlling principle of human conduct, not only in religion but everywhere, in the family, in human society, in organization, in the business world, in the intellectual world, in fact all knowledge of every sort rests at its bottom on faith and faith alone. All knowledge of the material world rests on faith, even of our own existence. Hence if you object to faith of religious knowledge you must object to all other knowledge.

2nd. There is a great deal of negative religion we cannot understand. But this is no peculiarity of religion, for faith is the basis of all things. Nature is as mysterious as revelation. Hence faith is given prominence because we must understand by faith. The great truths of creation must be received through faith.

3rd. Faith has received its prominent place in Scripture because it is a parental grace, a fontal grace. All affections of the soul rest upon faith. It controls conscience, emotions, life.

4th. This prominence comes from the fact that in the very nature of the case faith is the only grace that will bring us to the Lord Jesus Christ. We must be made new creatures in Christ and the old things pass away and all things be made new. Can we do it ourselves? We must be brought into the Lord's family. Can we do it for ourselves? No. If these things are ever done for us, they must be done by our Saviour and we must accept him by believing—by faith.

June 4th. The first annual debate for the President's Prize was held in Gerrard Hall, Monday evening. This debate has been substituted for the Representative speaking, and a prize of twenty dollars is offered by President Alderman. The debaters, elected by the Dialectic and Philanthropic Literary Societies from the junior class were: Messrs. Luren Thomas Johnson, of Sampson, and George Vernon Cowper, of Forsyth, from the Philanthropic, who defended the negative side of the debate: and Messrs. James King Hall, of Catawba, and Dorman Steele Thompson, of Iredell, who presented the affirmative. The query was: "Resolved, That the English were justifiable in entering into war with the South African Republic."

Immense improvement in debating has been made recently. Representatives of the University usually win in the intercollegiate contests. This year both Vanderbilt and the University of Georgia were defeated.

June 5th. Tuesday was devoted mainly to the exercises of Class Day. At 9 o'clock the Seniors went for the last time to Chapel, where services were conducted by Dr. Hume. An hour later, a large audience had assembled in Gerrard Hall, and Mr. W. F. Bryan, President of the

class, delivered an address of welcome. Then followed the history, by Mr. C. G. Rose, presentation speeches, by Mr. Graham Woodard, and the prophecy, by Mr. J. W. Greening. Mr. Bryan, in presenting the class gift, a splendid cast of the Venus of Melos, said:

"The selection by the members of a graduating class of a present to the University which shall in some degree typify their love for her, is a task of some difficulty. Had they unlimited means some noble structure or some permanent fund should serve as their memorial; but these are not within their power.

"The choice of this class was rendered doubly difficult by the appropriateness of the gifts of the two classes just preceding us, splendid busts of the South's knightly soldier, Lee, and of North Carolina's statesman, Vance. We have gone further afield into the realms of Greek art, and present as our offering, a reproduction of the famous statue of the Venus of Melos. This noblest creation of the sculptor's art is the embodiment of the highest ideals of the most illustrious people of history. It embodies the ideals of the highest beauty, purity, nobility and culture—ideals which this institution has ever kept before her children Therefore we think this is a gift not wholly inappropriate. And so, Mr. President, with a heart full of tender affection, we present this token and memorial of the class of 1900."

Professor Alexander, in behalf of the University, made an address accepting the gift.

Late in the afternoon, the class assembled for their parting exercises on the campus and around the Davie poplar. Mr. A. J. Barwick read the statistics:

There are 55 graduates as follows: Bachelors of Arts, 21; Bachelors of Philosophy, 17; Bachelors of Science, 9; Bachelor of Letters, 1; Law, 2; Masters of Arts, 5. Of this number, four are young ladies, one of them taking the master's degree. The class as a whole is rather a remarkable one, representing the various phases of our North Carolina life. A canvass of the class shows that the following have chosen professions: Teaching 14, law 14, ministry 5, medicine 4, engineering 3, chemistry 2, geology, manufacturing and farming 1 each. Six were undecided or could not be heard from. Eleven will receive honors, five high honors and one highest honors. The average weight is 153 pounds; height 5 feet, 8½ inches; age 20 years, 8 months.

During the afternoon, the annual meeting of the Board of Trustees was held in Person Hall. The most important action of the Board was the unanimous election of Dr. F. P. Venable, Professor of Chemistry, to the Presidency of the University, as the successor of President Alderman resigned. Thomas Ruffin, D.C.L., was elected Assistant Professor of Law, and Crawford Biggs, Esquire, was elected Professor for the summer course of Law. Mr. W. S. Bernard, 1900, was elected Librarian for the coming year.

In the evening, orations for the Mangum Medal were delivered by the following members of the Senior class:

Mr. P. H. Eley, of Williston, Tenn., on "The Symmetry of Life"; Mr. G. N. Coffey, of Patterson, N. C., on "Anglo-Saxon versus Latin"; and Mr. D. P. Parker, of Benson, N. C., on "England and America: Forces which shape our coming relations."

At the close of the speaking, the President and Faculty gave a reception in Commons Hall.

This reception was, as usual, one of the pleasantest features of commencement week.

June 6th. Commencement day, the one hundred and fifth, was devoted mainly to the celebration of the twenty-fifth anniversary of the re-opening of the University. Mr. James C. Taylor, of the class of 1877, presided during that part of the exercises. The success of the celebration was, in great measure, due to the energy of Mr. Taylor, who had served as chair-

man of the committee of arrangements. His college mates afterwards presented him with a gold chain as a token of their regard and appreciation.

After prayer by the Rev. R. E. Caldwell, of the class of 1879, ex-President K. P. Battle delivered an address on "The Struggle and Story of the Re-birth of the University." This address, and that of President Alderman on "The University: Its Work and its Needs," are published in full in the current number of *The University Magazine*. Consequently no summary of either of these addresses is attempted here.

Ex-President George T. Winston spoke on "The first Faculty: Its Work and its Opportunity." Portions of Dr. Winston's address follow. The entire address was published in the Raleigh newspapers of June 10th, and should be read by all who were not so fortunate as to hear it.

"The first problem of the new University was existence. However small the beginning, provision must be made for teachers, equipment and running expenses. The three sources of support for colleges and universities are student fees, private philanthropy and public taxation. A century ago our leading universities were supported almost entirely by student fees. Up to the civil war the University of North Carolina had accumulated from this source over $100,000. Today there is nowhere in the world a college or university that is self-supporting. Their chief sources of support are private philanthropy and public taxation. The University of St. Louis has just received a bequest of five million dollars; the University of California receives annually from public taxation an income of more than $300,000; the revenues of Harvard University exceed those of the State of North Carolina.

To start the new University and keep it going during the hard years of its early struggle, required the combined resources of private philanthropy, public taxation and student fees. The chief resource was public taxation; a power that had not yet been employed for this purpose in North Carolina.

But a new era had come, the era of popular education both in lower schools and in higher. It was well for this era to be heralded by the opening of a new University, a people's University, and to be marked by a new right, the right of people acting through their own representatives to tax themselves for the higher education of their sons in their own institutions.

It is worthy of note that the establishment of this right and through it the establishment and maintenance of this University was due, though indirectly, to the wisdom and beneficence of the federal government. The hand that had smitten down was now strongest in raising up. The appropriation to the University of the interest of the landscript fund which had been donated by the National Congress for the promotion of industrial education, was the beginning in North Carolina of the new principle of popular taxation. The principle once established was bound to grow. New necessities were met by larger grants. State aid soon ceased to be a theory and became an accomplished fact. The people learned that the new University, the State's University, meant, neither aristocracy nor theocracy, but eternal democracy. But the lesson was slow to learn, and its teaching was attended with amazing difficulties. Those early years were full of struggle, glorious and heroic, but difficult to bear and doubtful in issue. Surely no institution ever survived a more precarious childhood. With annual expenses greater than annual income; with widespread agricultural depression growing more intolerable year by year; with falling prices, a contracting currency and financial panics; with popular ignorance, indifference and misunderstanding of the purpose and character of the new University; with persistent opposition from political leaders and influential educators; with constant demands by politicians of all parties for false economy in educational expenditures; with old debts to discharge and new debts accumulating year by year, it is little wonder that the new University made slow progress during the early years of its existence. The wonder is that it lived at all. But human endurance is ever equal to human misfortune, and great causes will never lack for leaders. The problem of the new University was solved through the efforts

and during the administration of its first president. For ten years he performed the duties of a dozen men and received the salary of one. As president of the University and executive officer managing the discipline and conducting the large correspondence without clerk, typewriter or stenographer; as secretary and treasurer of the Board of Trustees, negotiating loans each quarter upon his own credit: as professor of political economy and constitutional history, teaching lessons not only from books, but from a storehouse of personal knowledge and experience; as professor of law and dean of the law school without assistance in teaching or otherwise; as speaker and lecturer at school commencements, public gatherings and agricultural fairs; as canvasser for funds, endowment and students; as assiduous and patient attendant upon every session of the State Legislature; as watchful guardian of every interest of the struggling University: as promoter of public education through normal and teacher's institutes; as pioneer of scientific agriculture in establishing the State experiment station; as friend and adviser, upon critical occasions, of the State Grange of the Patrons of Husbandry; as selector and encourager of efficient professors and sympathetic messenger of woe to the inefficient; as reconciler to the irreconcilables: as suppressor of fools within the University and without; calm, cheerful and hopeful amid difficulties and disasters; overwhelmed with calumnies, misrepresentations and misunderstandings amid personal and official sorrows, misfortunes and disasters that would have ground other men to powder; nothing could have sustained him, during the years of his presidency but a heart full of unselfish devotion to the great interests of this great University.

He shall be known as "the father of the new University," for he called it into life and solved the problem of its existence. The present endowment which has made possible expansion in all directions, has been of his creation. May he live to see it doubled! And may those who take up the work be spared the labor and sorrow that were the price of his splendid achievement.

The next problem before the new University was organization. It is amusing to recall the discussions of that day, as to whether our little band of seven teachers should organize themselves into a German University, rivaling Goettingen, or an English University, the peer of Oxford, or descend to a still lower plane, as competitor with the University of Virginia.

It required many years to elaborate our present system of instruction. The faculty discussions incident thereto, covering a great variety of topics, were usually prolonged far into the night with little satisfaction to the participants and less to the gentle dames who presided over expectant households awaiting the return of professorial debauches from the joys of a weekly faculty meeting. But, if the faculty meetings lost us occasionally the confidence of our better halves, they drew us closer together, and threw interesting side lights upon attractive characters.

Whatever difference of opinion existed on matters of organization, there was unanimity on one point, that the spirit of the new University should be, if possible, the spirit of the old; a spirit which emphasized character above scholarship, and considered the best equipment for life to be genuine manhood. It is easy to find fault with the education offered in institutions of learning fifty years ago. Critics are not lacking of the University of North Carolina; but in the list of her teachers we find the names of Joseph Caldwell, David L. Swain, Elisha Mitchell, Denison Olmstead, William Hooper, DeBerniere Hooper, James Phillips and Charles Phillips. An institution which trained for life such men as James K. Polk, William R. King, Thomas H. Benton, Archibald DeBow Murphy, Leonidas Polk, James Otey, Francis L. Hawks, John Y. Mason, Francis P. Blair, James Johnson Pettigrew, James C. Dobbin, William A. Graham, Willie P. Mangum, Thomas Ruffin, John M. Morehead, Charles and Mathias Manly, William H. Battle, William and DeBerniere Hooper, William L. Saunders, John W. Graham, Charles and Samuel Phillips, James H. Horner, William and Robert Bingham, Kemp P. and Richard H. Battle, Zebulon B. Vance, Matthew W. Ransom, David M. Carter, Thos. Settle, William B. Rodman, Thos. S. Ashe, R. P. Dick, Jos. J. Davis, Walter L. Steele, Alfred M. Scales and others of like character and ability,—such an institution may well take its stand

among the great universities of the world.

The old University has nobly done its work. During the better part of a century it upheld for State and Nation pure and lofty standards of public and professional life. Well might its banner float again over the new laboratories and the new theories of the new University. We flung it proudly to the breeze; and held up before a new generation of young men as the chief jewel for them to seek that which the old University had always sought to fashion, the sterling character of a Southern gentleman.

The new University realized that a student's life is nourished by books; that a real University is a great collection of books. After long efforts and violent opposition the three libraries were consolidated into one and moved into the present library building.

An improvement equally great in the work of organization was the provision of scientific equipment. From the old University no equipment had been inherited, excepting "the Vienna cabinet of minerals," whose chief function seems to have been to fill a page in the annual catalogue. If any age might be called the age of science, it was that in which the new University was born. Such wonderful advances had been achieved in all departments of science, such universal applications of scientific knowledge in the industrial arts, such far-reaching theories concerning the phenomena of life and matter, such marvelous invention of tools, apparatus and machinery for work and experiment, that no teaching of science was now possible without ample equipment of teachers and apparatus for experimental work of the most delicate and accurate character.

Our new University was not heedless of the demand. A chemical laboratory was provided, with new equipment and new methods of instruction. Apparatus was secured for physical experiments; geology and mineralogy were organized into a separate department, with working laboratories and field excursions; and a biological laboratory, modern and well equipped, was established in the hall of the old Philanthropic library. The new University made provision for modern instruction in every science excepting astronomy. Each step taken was in accord with the spirit of the age and in harmony with the requirements of the new education. Everything was accomplished that could be done with the limited resources available.

It is not the least glory of the new University that it maintained from the very first, high requirements of scholarship, thereby elevating the teaching standard throughout the State. This was accomplished mainly by the selection of well qualified and competent professors for all the chairs of instruction.

One of the greatest problems before the new University was how to make its opportunities accessible to lads of talent and character without means to bear the expense of education away from home. It was the problem of free tuition and cheap living. This problem appealed more strongly to philanthropists than all other problems before the University. At the very beginning it moved the legislature to establish scholarships for every county, and year by year it touched the hearts of men and women longing to lift up struggling lads to higher opportunities in life. Fund after fund was established and additional scholarships were provided; the Deems fund, the Mary Ruffin Smith fund, the Mary Ann Smith fund, the Mary Shepherd Speight fund, the Martha and Varina Mason funds, the Thomas F. Wood scholarships and the Paul C. Cameron scholarships, with free instruction for lads preparing to serve the State as teachers or preachers, or handicapped in the struggle for life with bodily infirmity: until it could be truly said that the doors of the new University were practically open, free of charge, to every lad who was worthy to enter and unable to pay. It only remained to reduce the expense of living, which was accomplished in 1896 through the combined generosity of the alumni in donating the use of yonder building, and of Mrs. Mary Baker in supplying the funds for the equipment of Commons Hall as a token of appreciation of the benefits received by her son in this institution. May these facilities for cheapening the cost of education in this institution continue to grow and multiply. May we behold at an early date upon this campus a commodious and well furnished dormitory for the free lodging of lads who have climbed to these splendid heights along the steep path of poverty and labor.

In completing its organization, the new University was not unmindful of student life and of the larger opportunities demanded by modern education for the exercise of student activities. The old literary societies which had trained in forensic and literary culture the foremost men of the nation, were still retained and fostered. For scientific study and research, the Mitchell Society was organized; for Shakespearean study the Shakespeare Club, and for linguistic the Philological Society. It was an era of organization and development. But the greatest improvement was made in college athletics. Under the old University, as outlets for superfluous physical energy, students arranged running matches during the small hours of night with college professors, signaled by the vigorous ringing of the college bell, or with unvaried energy placed upon the roofs of college buildings the wagons and stock of neighboring farmers; or guided freshmen from twilight to midnight in the unavailing pursuit of the ever vanishing snipe. College athletics in those days was one ceaseless, tremendous, vigorous kick by the entire student body against every regulation of the faculty. But through the wisdom of modern education, now introduced into the new University, how beautifully was all this changed. Students no longer pursued the fleeting snipe and kicked the faculty; but on a thoroughly prepared field, according to scientific rules, in pursuit of a bag of wind, the vigorously kicked at each other! The new athlete, as he rearranged his broken nose or pushed into socket his dislocated knee, gave not a passing thought to horned cattle, snipes or college professors. The new idea was gradually comprehended by the faculty and due encouragement was given to college athletics.

The organization of the alumni must not be omitted, for the new University realized that she must grow with the help of her sons. Local associations were organized throughout the State and the central association was quickened into new life and energy. Meetings were held with banquets, toasts and speeches, where college memories were revived, good fellowship was strengthened and plans for the growth and extension of the University were set forth by the visiting president. At the annual commencement the alumni were gathered together in large numbers and the alumni banquet became the most attractive feature of commencement. Class reunions were organized at intervals of five, ten, fifteen and twenty years, and great occasions in the past life of the University were celebrated with due preparation and great enthusiasm. On one of these occasions in celebration of the centennial of the charter, a fund was raised for the endowment of the chair of history, and later, at the centennial celebration in 1895, of the reopening of the University one hundred years before, amid much enthusiasm, a movement was started for the erection of alumni hall, and a large fund was subscribed for that purpose. Previously to this the enthusiasm and devotion of the alumni had manifested itself in the erection of this splendid building, as a memorial to the distinguished sons of the University, who in peace and in war gave their lives to the service of the State. Thus the new University wisely organized into active beneficence the devotion of its alumni. Recently a loyal son, born in this village within the sound of the college bell, mindful of the happy hours which youth and childhood brought him here, and mindful of the duty which goes with wealth and power and talent, has added to the gifts of other sons and to other gifts from his own generous heart, a splendid dormitory to be the home of future generations of North Carolina boys and to stand as a perpetual memorial that a mother's love is sometimes equalled by a son's devotion. Fifty years ago the name of Carr was written upon a little store in this humble village. It is inscribed today upon this University, and in the coming years it will grow brighter and more enduring.

The new life of a new State produced another great necessity, which the new University undertook to supply, and did supply, with excellent results. This was the promotion of education. To this task the new University devoted itself with untiring energy. Its president and faculty canvassed the State. Its summer normal schools furnished enthusiasm, inspiration and power to teachers in a hundred communities. Its alumni, full of enthusiasm, conducted teachers' institutes, superintended city schools, secured increased taxation for public education and became

the recognized leaders in the great movement for public schools. The establishment of its chair of pedagogy was the first recognition ever made in North Carolina, or in any Southern university, of necessity for the distinct and special training of young men for the teaching profession.

The great work of the new University, like that of the old, has been in the direction of general education; to fit men for technical and professional education by broad and thorough general education; to hammer iron into steel before fashioning it into tools.

No words can describe the labors and difficulties that have attended the life of this University during the past twenty-five years of its childhood. The presence at this time on this platform of four presidents of this University, each rejoicing in the work that they have all wrought, a scene probably unparalleled in the history of colleges, testifies to the great and exacting labors required, as well as to the University's powers to equip her own leaders. All four are practically her sons.

I need not call the roll of those that laid these enduring foundations. Some are still here, laboring with zeal, fidelity and modest merit. Others, elsewhere, are upholding lofty ideals of life and rearing other temples of culture.

Many have finished the tasks of life and returned their talents to the Master. Their work is ended. Other hands will take up the task; new minds, with larger knowledge new hearts, with fresher hopes, will complete upon these foundations the structure of a great university! May it stand forever! and may it grow forever in usefulness, in power, and in noble achievement."

Mr. W. J. Peele, A.B., 1879, made an address, "Pen Pictures of the Times of 1875," of which THE RECORD hopes to give an abstract in its next issue.

From the Rev. John C. Troy's "Statistical History of the Men of 1875," we extract the following, the name of each man present at the reopening, his present address, and occupation:

Arthur Arrington, Jonesboro. Teacher.

C. T. Askew, New York and Baltimore. Paper dealer.

Julian M. Baker, Tarboro. Physician.

Thad. B. Barlow, Tarboro. Dead.

F. P. Barrow, Wesson, Miss. Cotton buyer.

K. P. Battle, Jr., Raleigh. Physician.

Charles Bond. Baptist minister. Latest address, Windsor.

Geo. W. Britt, Wilmington. Civil engineer, A. C. L.

Ed. T. Bynum, Tarboro. Merchant. Dead.

R. E. Caldwell, D.D., Winston. Presbyterian minister.

A. W. E. Capel, Troy. Cotton manufacturer.

Eugene D. Carter, Asheville. Lawyer. Dead.

Jesse G. Cherry, Greenville. Supposed to be dead.

C. C. Covington, Wilmington. Importer and jobber.

Fred Davis, Elizabeth City. Coal dealer.

Robt. H. Davis, Louisburg. Manager dispensary.

Richard Dillard, Edenton. Physician.

John H. Dobson, Rockford. Lawyer.

Ed. B. Engelhard, Raleigh. Dead.

James H. Faison, Faison. Physician. Dead.

W. B. Fearing, Manteo. Physician.

F. M. Fremont, New York. Manufacturers' agent.

Chas. W. Galloway, Mt. Airy. Lawyer. Dead.

M. R. Griffin, Elizabeth City. Bank cashier.

R. B. Henderson, Wilton. Physician.

Ed. J. Hill, San Francisco. Lawyer.

Robt. H. Hughes, Reidsville. Teacher.

Clifton W. Hunter. Conductor, A. C. L.

F. G. James, Greenville. Lawyer.

Julius Johnston, Yanceyville. Lawyer.

Jno. B. Lewis, Rocky Mount. Journalist.

Henry Lloyd, Selma, Ala. Hotel keeper.

Jno. W. Mallett, Eustis, Fla. Planter.

Jas. S. Manning, Durham. Lawyer.

John M. Manning, Durham. Physician.

E. P. Maynard, Raleigh. Lawyer.

Geo. McCorkle, Newton. Lawyer.

S. Prentys McKay, Norval. Planter.

Neill McKay, Carthage. Planter.

Thomas McNeill, Moultrie, Ga.

R. G. Merritt, Bakersfield, Cal. Land and water Co.

Van B. Moore, Raleigh. Tobacco dealer.

James M. Nicholson. Dead.

Henry B. Nixon, Gettysburg, Pa. Professor of Mathematics.

Jas. W. Nixon, Charleston, Fla. Physician.

Rom. B. Parker, Enfield. Planter.

Robt. L. Payne. Norfolk, Va. Physician.

W. J. Peele, Raleigh. Lawyer.

W. B. Philipps, Pittsburg, Pa. Mining expert.

Jos. C. Powell, Tarboro. Planter.

J. H. Sawyer, Elizabeth City. Lawyer.

John. H. Sherrod, Hamilton. Planter.

Henry Sloan, Ingold. Physician.

Henry T. Spears, Dunn. Insurance agent.

David C. Stanback, Thomson, Ga. Cotton broker.

Jas. Staton, Tarboro. Physician. Dead.

E. D. Steele, High Point. Lawyer.

H. W. Stubbs, Williamston. Lawyer.

Isaac M. Taylor, Morganton. Physician.

J. C. Taylor, Chapel Hill. Railroad business and metallurgist.

C. G. Thompson, Goldsboro. Railroad business and planter.

Jno. C. Troy, Jonesboro. Methodist minister and journalist.

D. M. Vance. Lawyer and journalist. Dead.

L. C. Vaughan, New York. Hosiery and newspaper business.

C. C. Vines, Greenville. Hotel proprieter.

H. T. Watkins, Raleigh. Lawyer.

F. D. Winston, Windsor. Lawyer.

R. W. Winston, Durham. Lawyer.

Fenner Yarboro, Louisburg. Dead.

Col. W. H. S. Burgwyn then, in behalf of the donor, Gen. Julian S. Carr, presented the Carr Building, and Dr. Richard H. Battle made the address of reception for the Board of Trustees.

Special certificates were awarded as follows:

Greek, David Preston Parker.

Latin, Alice Edwards Jones.

German, Henry Evan Davis Wilson.

French, David Preston Parker.

English, Henry Evan Davis Wilson, Alfred Rives Berkeley.

History, James Alexander Lockhart, Jr., Jasper Sidney Atkinson, Augustus Henry Jarratt.

Mathematics, Marcia Louise Latham, Kemp Plummer Lewis.

Medals and prizes were announced:

The Holt Medal, Marcia Louise Latham.

The Hume Medal, Marcia Louise Latham.

The Hill Prize, Jasper Sidney Atkinson.

The Harris Prize, Julius Alexander Caldwell, Alonzo Enoch Cates, William DeBerniere McNider.

The Greek Prize, William McLelland Stevenson.

The Worth Prize, Charles Grandison Rose.

The Early English Text Society Prize, Henry Evan Davis Wilson.

The James B. Lloyd Prize, Needham Erastus Ward.

The President's Prize, George Vernon Cowper, Dorman Steele Thompson.

The Mangum Medal, David Preston Parker.

The following degrees were conferred:

BACHELORS OF ARTS.

Stonewall Jackson Adams.

Thomas Tillett Allison.

Halcott Anderson, (*cum laude*).

Joseph Jennings Asbury.

Alfred Rives Berkeley.

William Stanley Bernard.

Thaddeus Ainsley Cheatham.
Henry Clay Cowles, Jr.
Robert Greene Singleton Davis.
Peter Harden Eley, (*magna cum laude*).
Ernest Graves, (*cum laude*).
John Wesley Greening, (*cum laude*).
Charles Franklin Hoell, (*cum laude*).
Thomas Hume, Jr.
Kemp Plummer Lewis, (*magna cum laude*).
James Alexander Lockhart, Jr.
James Buckner Massey.
David Preston Parker, (*magna cum laude*).
Charles Grandison Rose.
Bessie Staley, A.B., Elon College, 1898.
William Gilmer Wharton, (*cum laude*).

BACHELORS OF PHILOSOPHY.

Allen Johnson Barwick.
William Frank Bryan, (*summa cum laude*).
Thomas Jefferson Byerly.
George Nelson Coffey, (*cum laude*).
Nathaniel Cortlandt Curtis, (*cum laude*).
John Wetmore Hinsdale, Jr., (*cum laude*).
Frank Whiteley Hollowell.
Alice Edwards Jones.
Claude Lee Miller, (*cum laude*).
John Augustus Moore.
Ernest Long Neville.
Henry Reynolds.
Thomas Donnelly Rice.
Charles Everett Thompson.
Needham Erastus Ward, (*cum laude*).
Fonso Butler Watkins, (*magna cum laude*).
Henry Evan Davis Wilson, (*cum laude*).

BACHELORS OF SCIENCE.

Lester VanNoy Branch, (*magna cum laude*).
George Chadbourn.
Joseph Erwin Gant.
Isaac Foust Harris.
Williamson Edward Hearn.
Augustus Henry Jarratt.
Thaddeus Winfield Jones, Jr.
Marcia Louise Latham.

BACHELOR OF LETTERS.

Graham Woodard.

BACHELORS OF LAWS.

James C. MacRae, Jr.
Samuel Eakin Shull.

MASTERS OF ARTS.

Charles Conner Brown, A.B., 1899.
Claude Baker Denson, Jr., A.B., 1899.
Thomas Hume, Jr., A.B., 1900.
Francis Moore Osborne. A.B., 1899.
Sallie Walker Stockard, A.B., 1898.

The benediction was pronounced by the Rev. R. E. Caldwell, D.D

In the evening, the Alumni Association held an enjoyable and enthusiastic meeting. It was largely attended, and steps were taken for carrying out the plan of organization explained in the circular sent to every alumnus whose address is known.

BANQUET OF THE '75 MEN.

Of the 69 students who entered the University during the college year 1875–'76, there were present at their reunion, on June 6th, the following 19: A. Arrington, Dr. J. M. Baker, Dr. K. P. Battle, Jr., G. W. Britt, Rev. R. E. Caldwell, A. W. E. Capel, C. C. Covington, J. H. Dobson, M.R.Griffin, Hon. J. S. Manning, Dr. J.M. Manning, Dr. R. L. Payne, W. J. Peele, J. H. Sawyer, D. C. Stanback, Dr. J. M. Taylor, J. C. Taylor, Rev. J. C. Troy and Hon. F. D. Winston.

The social event of the reunion was a banquet at 3 P.M., after the public exercises in Memorial Hall. This banquet was in reality more of a smoker than anything else and only 1875 men were admitted. No speeches were allowed, but many an incident, or escapade, of college life

was recalled and retold, always in so kindly a spirit as to bring forth quite as hearty a laugh from the grey haired—or no haired at all—central figure of the anecdote, who saw nothing in the happening to laugh at twenty-five years ago, as from those who laughed then as well as now.

A pleasant incident occurred at the table on the announcement by J. C. Taylor that he could report, as Chairman of the Committee of Arrangements, that the treasury was solvent and that after paying all expenses of the reunion there would remain quite a respectable cash balance. A motion was immediately made and passed that this balance be handed the Rev. R. E. Caldwell, and that he be instructed to purchase with it and present to Mr. Taylor a testimonial of appreciation of his work in making the reunion a success.

The banquet was brought to a close by the Rev. J. C. Troy striking up "Auld Lang Syne," which those who could sing sang bravely in spite of the discord produced by all who could not sing making an earnest effort to swell the chorus.

THE LITERARY SOCIETIES.

The literary societies have had an unusually profitable year. Besides the regularly weekly work they have, during the year, held three inter-society debates. In these debates the following questions were discussed :

1. Resolved, That the so-called trusts and combinations are injurious and should be prohibited. The affirmative was represented by Messrs. D. P. Stern and J. E. Avent of the Philanthropic Society, and the negative by Messrs. R. R. Williams and W. A. Murphy of the Dialectic Society. The affirmative won the decision.

2. Resolved, That the South should support the permanent possession of the Philippine Islands. Messrs. F. B. Rankin and A. R. Berkeley of the Dialectic Society supported the affirmative of the proposition while Messrs. J. C. Hobbs and A. J. Barwick defended the negative. The committee decided in favor of the affirmative.

3. Resolved, That the constitutional amendment as proposed by the last legislature should become a part of the State constitution. Messrs. A. P. Spell and T. A. Adams of the Philanthropic Society discussed the affirmative, and Messrs. C. A. Jonas and C. E. Maddry of the Dialectic Society the negative and won the decision.

On the 22nd of February, orations were delivered by Mr. J. E. Latta representing the Philanthropic Society, on Industrialism, and Mr. G. N. Coffee representing the Dialectic Society, on Saxon vs. Latin.

J. SPRUNT HISTORICAL MONOGRAPHS.

PERSONNEL OF THE CONVENTION OF 1861, by John Gilchrist McCormick. LEGISLATION OF THE CONVENTION OF 1861, by Kemp Plummer Battle, LL.D. No. 1 of the James Sprunt Historical Monographs.

The monograph described above is the first of a series of historical publications under the auspices of the University of North Carolina. The Convention of the State, which began its session May 20th, of that year, and which passed the Ordinance of Secession on the same day, was composed largely of those who had been leaders in the political strife for the past twenty years, as ex-United States Senators and Representatives, ex-Governors, ex-Judges, ex-Speakers of the Senate and House, and others who had been foremost leaders in the State and in their counties. Mr. McCormick has with much labor and correspondence, given us short and accurate

sketches of every man connected with the body, as member or officer, one hundred and thirty-eight in number.

Dr. Battle, who is Professor of History in the University, and was a member of the Convention, his colleagues being Hons. George E. Badger, once Secretary of the Navy and Federal Senator, and Wm. W. Holden, afterwards twice Governor of the State, gives a carefully prepared history of the legislation of the Convention. Fortunately he preserved all the documents of the Convention and those with the Journal and Ordinances passed, enable him to give very full information not only as to what was done, but what was refused to be done, of the spirit of intolerance, of the enormous cost of war, of the struggles to supply soldiers and citizens with the necessities of life, of the futile efforts to fill up our army without resort to conscription. The student of our state constitutional history will be delighted to find in the amendments to the constitution proposed by such men as Ruffin, the elder, Badger, Graham, although not adopted, what they had concluded, after long experience and study, was needed to perfect that instrument.

NORTH CAROLINA HISTORICAL SOCIETY.

Papers read at the March and April meetings, 1900:

The Quit Rent Controversy, in the time of Governor Gabriel Johnston, by Thomas D. Warren, B L., 1899.

Sketch of Nathaniel Macon, by Jasper S. Atkinson, 1901.

History of the Location in Tennessee of the Escheated Land Warrants of Revolutionary Soldiers, belonging to the University, by Mr. Kemp P. Battle.

Sketch of Chief Justice Thomas Ruffin, by James A. Lockhart, A.B., 1900.

Career of Wm. Gaston in the United States House of Representatives, by James S. Cook, 1902.

History of the Battle of Moore's Creek Bridge, by Mr. M. C. S. Noble.

ATHLETICS.

The outcome of the athletic contests during the past session has on the whole been most satisfactory.

The baseball team with R. B. Lawson as captain was composed of the following players: Graves, Willcox, Holt, Carr, J., Woodard, Lambeth, Allison, Graham, Oldham, Bennett and Carr, W. Mr. A. A. Holmes was manager. Appended are the scores of the season.

U. N. C.	vs.	Oak Ridge,	4—8.
"	"	Lafayette College,	13—7.
"	"	" "	9—4.
"	"	Cornell,	6—0.
"	"	Horner,	6—3.
"	"	Oak Ridge,	6—4.
"	"	University of Tennessee,	6—4.
"	"	" "	10—0.
"	"	University of Georgia,	9—4.
"	"	" "	7—7.
"	"	University of Maryland,	5—3.

Messrs. Graham Woodard and C. G. Rose were elected captain and manager respectively for next season.

For the first time in the history of athletics at the University a track team was put out, with F. M. Osborne as captain and M. L. Elliot as manager. The team attended the meet held at Oxford in April and captured the handsome loving cup offered as a trophy, by Prof. J. C. Horner, to the institution sending the strongest team. They won by a score of 129½ points to 11½. The team was composed of Crosswell, Berkeley, Gudger, Hearne, Short, Lucas, Lin-

ville, Shull, Rankin, Foust, Cates, McIver, Oldham, Simpson, Curtis, Reynolds.

The University has become a member of the Southern Inter-Collegiate Athletic Association. Athletic relations with the University of Virginia have been resumed, and games between these institutions will be played in the future.

MEETINGS OF LEARNED SOCIETIES.

ELISHA MITCHELL SCIENTIFIC SOCIETY.

March 13th, 127th Meeting.

Some Twentieth Century Problems. Mr. F. P. Venable.

Chemical Economics. Mr. Chas. Baskerville.

April 10th, 128th Meeting.

Whitehead on "The Brain." Mr. H. V. Wilson.

Gastrulation in the Frog. Mr. H. V. Wilson.

The Science of Language. Mr. H. F. Linscott.

THE SHAKESPERE CLUB.

March 6, 1900.

Shakespere's Self Disclosed in his Sonnets. Mr. F. M. Osborne.

As You Like It vs. George Sand's Version. Mr. F. B. Watkins.

The Wise Fool. Mr. H. E. D. Wilson.

The Elder and Younger Eddas. Mr. W. Kluttz.

April 3.

Juvenal as Compared with Modern Satirists. Mr. J. K. Hall.

Desdemona. Mr. P. H. Eley.

How Hamlet Looked. Dr. Thos. Hume.

May 1.

The Allegory in the Holy Grail. Mr. Dorman Thompson.

Sentimentalism in Literature. Miss Latham.

Reflections of Shakspere's Age in Hamlet. Mr. J. W. Greening.

NOTES.

Dr. H. V. Wilson is Director of the Station of the United States Fish Commission now permanently established at Beaufort.

Prof. W. D. Toy is one of the editors of the Modern Language series to be published by Messrs. Silver, Burdette and Co., of New York, of which Prof. A. Cohn, of Columbia, is the general editor.

Prof. J. W Gore has received letters patent on his telephone system, whereby privacy on party lines is secured and different portions of the line may be used simultaneously.

H. B. Shaw, A.B., 1890, Professor of Electrical Engineering in the University of Missouri, was married on June 14th to Miss Gertrude Matthews, of Columbia, Mo.

Rufus L. Patterson, ex-'93, is Secretary of the American Tobacco Company, and has general supervision of all the company's factories.

Thomas Ruffin, ex-'95, LL.B. and LL.M., of Columbian University, has now taken the degree of Doctor of Civil Law from the same University. Dr. Ruffin has been elected Assistant Professor of Law in the University of North Carolina.

NECROLOGY.

BATTLE, DOSSEY, Rocky Mount. Student, 1858–'61. Lieutenant C. S. A. Lawyer. Journalist. Judge of Circuit Court, 1899–1900. Born July 12, 1842, died March 28, 1900.

FOSTER, WILBUR FISH, Tuskegee, Alabama. A.B., 1859. Soldier, C. S. A. Lawyer. Member of General Assembly of Alabama. Died February 11, 1900.

HILL, WILLIAM EDWARD, Duplin county. Lawyer. Planter. Member of General Assembly of North Carolina. Trustee of U. N. C., 1877–1900. Born 1829, died April 9, 1900.

MANNING, PIERRE BEAUREGARD. Matriculated from Gates county. A.B., 1887. Teacher. Lawyer in Wilmington, N. C. City Attorney. Born April 26, 1861, died February 20, 1900.

PLUMMER, WALTER GLOSTER, Warrenton, N. C. Student, 1859–'60. Farmer. Born August 14, 1843, died April 11, 1900.

PERRY, JOHN D., Princeton. Student in Pharmacy, 1899. Born February 8, 1878, died January, 1900.

QUICKEL, JOHN CARL, JR., Lincolnton. Student in Pharmacy, 1898–'99. Born April 13, 1898, died July, 1899.

RANKIN, JOHN CHAMBERS. Student from Guilford county, 1835–'36. Princeton Theological Seminary, 1840. Presbyterian Minister. Missionary to Hindustan, 1843–'51. Pastor of Baskingridge Presbyterian Church, 1851–'95. Born 1816, died April 25, 1900.

GRAHAM, HAMILTON CLAVERHOUSE. Matriculated from Newbern. A.B., 1861 Captain C. S. A. Planter. Journalist. Removed to Selma, Alabama. Clerk of State Circuit Court. Born 1840, died May 15, 1900.

HUGHES, JAMES BETTNER, Newbern. A.B., 1853. Physician. Surgeon C. S. A. Died May, 1900.

PASTEUR, THOMAS JEFFERSON. Matriculated from Newbern, 1820–'22. State Senator, 1840–'45. Collector of Customs, 1845–'49. Removed to Florida. Born 1800, died at Anthony Place, Florida, 1898.

RIERSON, FRANK CLAYTON, Winston. Matriculated 1897–1900. Born Dec. 21, 1878, died May 11, 1900.

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