Proceedings UM Board of Regents 1870-1876.

35

MEMORIAL ON FEMALE MEDICAL EDUCATION.

To the Honorable Board of Regents of the University of Michigan:

UNIVERSITY OF MICHIGAN,
DEPARTMENT OF MEDICINE AND SURGERY,
Ann Arbor, March 25, 1870.

The undersigned, a committee of the Faculty of the Department of Medicine and Surgery, having been duly elected and instructed by their colleagues, beg leave respectfully to submit for the consideration of the Regents certain points with reference to the medical co-education of the sexes, which in their judgement, are not inopportune at this time.

Several letters have already been received by the Dean, asking if women would be received as students into the Department of Medicine and Surgery at the commencement of the next annual session, and other applications will doubtless be made during the next few months. In view of these facts the Medical Faculty would respectfully beg the Honorable Board of Regents to take the whole subject under consideration, and then favor them with such instructions as they may deem for the best good of the University.

The undersigned would respectfully submit that the Medical Faculty entertain no prejudice against the medical education of women. There are, however, at the present time, two parties who entertain opposite views on this question. The advocates of female medical education claim that woman is mentally fully qualified to acquire the necessary knowledge, that her powers of endurance are greater than those of man—that her sensibilities and sympathies with the sick are more pronounced—that many women would prefer a life devoted to the relief of human suffering, rather than the cares of a family—and finally that a proper sense of delicacy demands that the duties of the accoucher shall be placed in the hands of women, while it is believed that the diseases of women and children, at least, can be more properly and successfully treated by female physicians.

The opponents of these views, on the contrary, allege that there are insuperable obstacles in the way—that from the age of puberty throughout the most active period of her life, woman is during a large fraction of each month a quasi invalid—that her mental and moral manifestations are seriously perturbed at such times—that she cannot safely bear the exposures incident to a laborious profession while thus suffer-

ing—that every exhibition of a woman's highest function, viz: child-bearing, must incapacitate her from exercising the functions of the medical profession during a large part of the period of utero gestation, and for at least a year subsequently, if she ministers to her offspring in accordance with the laws of nature—that, from her emotional nature, even in the practice of obstetrics she would in grave emergencies, that not unfrequently arise, lack the necessary courage and firmness—and finally, that as child-bearing would be an insuperable obstacle in the way of a female physician, the danger would be that fœticide and infanticide, already alarmingly frequent, would become still more so.

With these conflicting views the undersigned have at present nothing to do, their action in this matter having no reference to the propriety of female medical education as such, but only as to the best method by which this can be accomplished.

In their judgement the medical co-education of the sexes is at best an experiment of doubtful utility, and one not calculated to increase the dignity of man, nor the modesty of woman. They believe that it must be obvious, even to the casual observer, that a large portion of medical instruction cannot be given in the presence of mixed classes without offending the sense of delicacy, and refinement, which should be scrupulously maintained between the sexes.

They believe here as elsewhere that familiarity will be likely to breed contempt; and they are decidedly of the opinion that in certain departments, at least, medical instruction should be imparted to female classes alone. They also think that what is true of lectures, is as a rule doubly applicable to public cliniques, where there is inevitably such an exposure of the person, as to be indecent when the audience is made up of both sexes.

Believing, as they do, that these views will commend themselves to the moral and religious sense of the people of Michigan, (to say nothing of the delicacy and refinement which grace their homes) they would willingly leave the whole matter of female medical education for their intelligent, candid decision. The undersigned respectfully submit that they are acting in this matter not only in accordance with their own convictions, but with those of the most eminent Female Physicians in the country. It will be remembered that after the disgraceful scene which transpired at one of the Philadelphia Hospitals, during the past winter—from the commingling of sexes—the female medical professors stated in the public prints that they did not approve of mingling the sexes in public cliniques—that women should obtain a medical education by themselves—and that they would refuse to admit young men to the Fe-

male Medical College, should they present themselves. To avoid the difficulties and improprieties of medical co-education, Female Medical Colleges have already been founded in all the principle eastern cities for the medical education of women alone, and are in successful operation.

In discoursing on female medical education, the London Lancet for January of the present year, well says, "But if the two sexes were educated together at our Medical Colleges, it could only be at the expense of many of those qualities for which women are admired, and by which their influence—which is not by any means small—is exerted. It would scarcely be practicable, with our English ideas of morality and of the social relations of the sexes, to teach an audience of young men, and women all the facts of Anatomy and Physiology; or to dwell upon those connected with diseases of the sexual organs, or their results; and to omit them altogether would leave out of consideration some of the most important pathological facts."

In the Edinburgh Medical Journal, for December, 1869, it is stated that the University Court of the University of Edinburgh has adopted a resolution that "Women should be admitted to the study of medicine in the University, in separate classes, confined entirely to women," etc.

In view of all these considerations, the undersigned beg leave respectfully to suggest, that the Medical Faculty of the University of Michigan hold themselves ready and willing to give a full course of medical instruction to females, at any convenient time, and for a suitable compensation; or, should this be deemed inexpedient, they would still farther suggest, that a Female Medical College, either in Ann Arbor or the neighboring city of Detroit, might, with propriety, receive such countenance and favor from the University as the honorable Board of Regents might deem fit and proper.

All of which is most respectfully submitted.

Signed, A. B. Crosby, M. D.

S. H. DOUGLASS, M. D.

A. B. Balmer, M. D.

REPORT ON THE HOSPITAL.

To the Honorable Board of Regents:

The undersigned, a Committee of the Faculty of the Department of Medicine and Surgery, beg leave to make the following brief report on the Hospital. This institution, set in operation by the wisdom of the Regents at the commencement of the session just past, has been in successful operation, and has been found to supplement admirably the Proc. UM Board Regents 1870-76

45

Ordered by the following vote: Ayes—Regents Stockwell, Willard, Gilbert, Burt, Estabrook, and McGowan.

On motion of Regent Gilbert, the report of the Committee on Medical Department "on the admission of women to that Department," was taken from the table. After discussion the report was laid on the table for consideration until the September meeting, and the Committee on Medical Department, together with the Medical Faculty, were instructed to report the probable expense attending the institution of extra courses of lectures, as contemplated in the report.

The Committee on Medical Department reported back the communication from Dr. Ford, and recommended an appropriation of \$500 for the purposes therein named. It was ordered by the following vote: Ayes—Regents Stockwell, Willard, Gilbert, Burt, Estabrook, and McGowan.

On motion of Regent McGowan, Professor M. L. D'Ooge was elected Professor of the Greek Language and Literature, and Professor Elisha Jones, Acting Professor of the Greek Language and Literature, at a salary of \$1,500 per annum.

Regent Burt presented the following:

Resolved, That the thanks of the Board of Regents are hereby tendered to the graduating class of 1870, in the Department of Science, Literature, and Arts, for the beautiful bronzed statue of Franklin presented by them to the University.

Agreed to.

In accordance with the recommendation of the Faculty of the Department of Science, Literature, and Arts, the following degrees were ordered conferred:

MINING ENGINEER.

CLARENCE M. BOSS, CHARLES P. GILBERT, WILLIAM J. WATERS.

CIVIL ENGINEER.

JUDSON S. BIRD, HARLOW P. DAVOCK, LUTHER E. FERGUSON, CHARLES P. GILBERT, JAMES A. HAYWARD, CHARLES J. KINTNER, GEORGE W. MICKLE, ALFRED NOBLE, HENRY C. RIPLEY. WARREN C. WILLETTS,

SPECIAL MEETING.

University of Michigan, July 26, 1870.

The Board of Regents met in Special Session at $7\frac{1}{2}$ o'clock P. M., on call of the Executive Committee.

Present—Acting President Frieze, Regents Sweezey, Walker, Willard, Gilbert, Estabrook, and McGowan.

The meeting was opened with religious exercises by reading of the scriptures and prayer.

Regent Walker, chairman of the Executive Committee, stated that the object of the meeting was, to make some suitable provisions, or devise some practicable method for the education of women in the Medical Department of the University. The Dean of the Medical Faculty being present, was invited to present the views of that Faculty upon the subject, which he did in the following report:

ANN ARBOR, July 26, 1870.

To the Board of Regents of the University of Michigan:

On behalf of the Medical Faculty, the undersigned begs leave to submit the views of that Faculty in relation to the medical education of women; and express their sentiments in regard to the only feasible method for accomplishing it.

At several meetings recently held, resolutions have been passed reaffirming the views expressed in a Report of the Faculty lately submitted, and declaring their clear conviction of the inexpediency of the co-education of the sexes. These convictions moreover have been confirmed by the lessons of experience of other schools, frankly communicated to us, in which the experiment has been fairly tried and under favorable auspices; and with the result of more firmly establishing the rule of prohibition.



They have also instructed me to express their belief that the only practical method of attaining the object sought, is by a complete course of instruction separate, and in all respects apart from that given to the other class; having in view not only the indelicacy of such commom instruction upon many topics, but also what we deem of equal consideration, the difficulty of restraining improprieties of deportment, and checking insubordination, in large classes of mixed students assembled in a common lecture room.

Touching the subject of expense involved in the execution of this plan, the Faculty are of the opinion that a sum equal to at least one half of their present salaries would be but a fair and just remuneration; but in view of the intimated state of the Finances, and of the probably small attendance for several years, would agree to execute the plan contemplated for \$500 for each course until the state of finances and the increased number of students shall warrant an increased remuneration.

By order of the Faculty,

A. SAGER, Dean.

Letters from Professors of other Medical Colleges, in reference to Medical Co-education of the sexes were read; and several members of the Medical Faculty, by request of the Board, expressed their views fully upon the subject under consideration.

Regent Gilbert offered the following resolution:

Resolved, That the plan of educating women in the Medical Department of the University, as submitted by the Medical Faculty, be adopted by the Board of Regents.

Adopted by the following vote: Ayes—Regents Sweezey, Walker, Gilbert, Estabrook, and McGowan.

Nay—Regent Willard. Regent Willard voting in the negative, explained that he did so because he believed that women could properly be admitted to most medical lectures in common with male students, and asked that his explanation be placed on record.

Regent Walker presented the account of Messrs. Hobson & Webb, of Detroit, for services rendered as Taxidermists, and moved its reference to Prof. Winchell for examination, and asked that the sum of \$150 be advanced upon same.

76

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THE ADMISSION OF WOMEN TO THE UNIVERSITY.

The poverty of the University has begun to be more painfully apparent since the adoption of the resolution by which the institution has been thrown open to women.

The question of the admission of women to the privileges of the University has been for many years earnestly discussed both by the citizens and the Legislature of the State, and by the authorities of the University. It was reasonable that an innovation upon traditional customs, seeming to involve grave consequences, and opposed to the prejudices if not to the judgments of a large portion of college graduates and college educators, should not be made, until ample time had been given for the forming of an intelligent public opinion, and until this opinion had been distinctly and authoritatively expressed.

Your Honorable Board, believing that the will of the people on this question had been at length clearly ascertained and correctly represented by the legislative body, and that thus the period for deciding it had arrived, announced by resolution at your meeting in January of this year, "that the Board of Regents recognize the right of every resident of Michigan to the enjoyment of the privileges afforded by the University, and that no rule exists in any of the University statutes for the exclusion of any person from the University, who possesses the requsite literary and moral qualifications;" a resolution which virtually declares that all departments and courses of study in this institution, are to be henceforth equally accessible to both sexes.

Many will think this a bold step, many will think it hazardous; but no one who considers the relations of this University to the State and community, will deny its entire justice. The generous system of education to which our State is committed, necessarily pledges to its daughters as well as to its sons, the highest as well as the most elementary education, free of charge. We have already ceased to fear the dangers which were apprehended from this action, and which constituted the chief argument against it: the loss of reputation and caste among universities, the decline of scholarship, and the corruption of morals. But the action is destined to give us anxiety in quite another direction. It increases at once our perplexity, already great, in regard to buildings, recitation rooms, and officers of instruction. We have already more young men than we can well provide for. What shall we do with the young women now added to the number? The one building to which most of the exercises of the Literary Department are confined, is already crowded to excess. Any one who should witness the difficulty the large classes of this department find in moving along the narrow "gang ways," and up and down the narrow stair cases of this building,

a movement which must take place at almost every hour of the day, would hesitate to expose young ladies to all this embarrassment and discomfort.

I need not say that they will be received by all members of the institution, both faculties and students, with the utmost courtesy and consideration; but every one must see, that they will labor under serious disadvantages, and greatly increase the present embarrassments of the institution, until more suitable and more adequate accommodations can be provided; nor can the wisdom of this important measure be fairly tested, until the new necessities which it creates are fully met.

The University has long needed more buildings, apartments, and equipments, to meet existing wants. Your decision in favor of the admission of women, has made these wants still more immediate and imperative. You have believed it a duty to comply with the request of the Legislature, urged upon you by repeated majorities in both houses, and undoubtedly reflecting the will of the people. You can now in all fairness ask the Legislature to furnish you with the buildings necessary to make their request effectual, and to carry out their wishes.

CONCLUSION.

In conclusion, I beg leave to express my hearty acknowledgements to the Honorable Board, and not less to the Faculties of the University, for their uniform courtesy, active coöperation, support, and friendly sympathy, without which, I am sure, it would have been impossible for one so entirely inexperienced in the office of the presidency, to have met even imperfectly its great responsibilities.

H. S. FRIEZE.

President, pro tem.

On motion of Regent Burt, the Report was ordered printed in the minutes.

On motion of Regent Walker, four hundred extra copies of the report were ordered printed for circulation,—by the following vote: Ayes—Regents Sweezey, Stockwell, Walker, Gilbert, Burt, Estabrook and McGowan.

Regent Walker presented the following-

Resolved, That the care and management of the Law Library be referred to the Committee on the Law Department with instruction to report at the next meeting.

Agreed to.

On motion of Regent Walker, Regent Burt was requested to prepare the Annual Report of the Board to the State Superintendent of Public Instruction.

Regent Walker presented the following-

JOHN M. HOWARD, A. B., MICHAEL D. HOWARD, GID. S. IVES, ROBERT S. JARVIS, GORDON J. KEENEY, HUGH C. KELLERMAN, HORACE KENDALL, WILLIAM F. KENFIELD, SARAH KILLGORE, JAMES LAIRD, ALONZO M. LEFFINGWELL, CLAY H. LYNCH. OLIVER P. MAHAN, M. D., JOHN S. MALTMAN, B. S., JAMES Y. MARSHALL, THOMAS A. MARSHALL, WILLIAM C. MAYBURY, JAMES S. MCKAY, SAMUEL R. MILLER, MARTIN MORRIS, IRA G. MOSHER, Att'y, CHARLES W. MUNN, Att'y, RICHARD S. NORVAL, THEOPHILUS L. NORVAL, JAMES S. NOTTINGHAM, JAMES W. OGDEN, WALTER H. PALMER, HARVEY PASCO, WILLARD H. PERLEY, GUSTAVUS D. PIERCE, ORLANDO W. POWERS,

JOSEPH D. RONAN, ERWIN P. RAYMOND, SETH B. ROWLAND, JAMES F. SAULSBURY, THEODORE L. SCHICK, ISAAC C. SEELEY, B. S. JOHN W. SHEPHERD, LUTHER SHORT, B. S., QUINCY A. SMITH, HORACE G. SNOVER, A. B. EDWIN SPENCER, FREDERICK S. STAFF, MORTIMER H. STANFORD, SAMUEL T. STAPLETON, VALENTINE W. STEELE, MILTON S. STEWART, THEODORE L. STIPP, Att'y, FRANCIS STOFFLET, JOHN T. STRINGER, JOHN S. STULL, CHARLES M. SWALLOW, CLINTON K. THARP, CHARLES S. THOMAS, WILLIAM F. THOMAS, SAMUEL VAN BLARCOM, WILLIAM W. WARNER, CASS WILLIAMS, CHARLES H. WISNER, CHARLES WOODWORTH, A. B., EDWARD T. WAITE, A. B.

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On motion of Regent Stockwell, the Degree of Doctor of Medicine was ordered to be conferred on the 78 following named gentlemen, as recommended by the Faculty of the Madical Department of the University, they having complied with all the requirements of the institution:

Adam Adams,
Edwin K. Abbott,
Albert Amerman,
Alexander T. Arkley,
Rufus F. Barton,
Wallace A. Briggs,

SMITH BAKER,
CHAS. T. BENNETT,
ROBERT H. BOYD,
JAMES BUKEY,
ROBERT B. CAREY,
MALCOLM CAMPBELL,

ARCHIBALD B. CAMPBELL, THOMAS J. CARPENTER, FREDERICK C. CHURCHILL, ROBERT W. CLARK, JOSEPH H. COWELL, ELIJAH CULVER, ALBER L. DAVIS, CYRUS G. DAVIS, THOMAS J. DILLS, FLAVIUS J. DOWNER, WM. M. DOUGLASS, COLIN L. DOWNIE, JAMES A. DUNCAN, PERRY ENGLE. EUGENE A. GOODWIN, THOMAS H. GRAY. JOHN D. GREENAMYER. HAMPTON E. HILL, MARL E. HOBART, EDWARD C. HENRIQUES, THEODORE L. HATCH, HARDY A. HARRIS, ALEXANDER D. HAGADORN, DAVIS W. HUNT, RICHARD M. JOHNSON, BENJAMIN KINYON, AUGUSTUS KAISER, CHAS. S. LACY, CHAS. H. LOVEWELL, ARTHUR S. LOVETT, EMERY H. LEYMAN, DANIEL H. MUIR, SANFORD S. MESSENGER,

JOHN L. MILLS, CORNELIUS MILLS, MARSHALL R. MORDEN, OLILER H. MCMICHAEL, LEWIS MENNIG, CHAS. A. MORGAN, DUNCAN J. MCGEACHY, Addison Nicholson, DEVILLE J. NICHOLS, SAMUEL M. POST, JOHN E. ROCKWELL, FRANK W. ROOT, WM. RICHARDSON, RUSH J. SHANK, CHRISTIAN SIHLER, JOHN T. SULLIVAN, WM. F. SILVERWOOD, JARED SPOONER, MANLY H. SIMONS, AMANDA SANFORD, ROBERT TURNER, JAMES TURNER, JOHN L. TUTTLE, DAVID B. TODD, HENRY D. UPJOHN, MARTIN F. VAN BUREN, HARVEY WILLIAMS, MARTIN L. WILLIAMS, SAMUEL WHITEHALL, FRANCIS H. WISEWELL, SAMUEL H. WELLINGS, MARSHALL WHINERY, JAMES A. WILSON;

Dr. Abram Sager, Dean, read the annual Report of the medical department, which, on motion of Regent Burt, was referred to the Committee on Medical Department.

Acting President Frieze having stated that he had ascertained from President Angell that he could be present at the Summer Commencement, and recommending that President Angell be inaugurated on that occasion,

Regent Walker offered the following resolution:

Resolved, That acting President Frieze be requested to invite Presi-

If it is reasonable to regard the Legislature as representing the sentiment of the people, I think we may now feel assured that the University has at length reached that period which we have always desired to see, when it should be recognized and accepted by the citizens of the state as a genuine state institution, not only such by the organic laws of the state, but in the estimation of the people, and in their cordial sympathy and support; a state institution looking just as legitimately and confidently for all needed help to the hand of the Legislature, as those other institutions, educational and charitable, which together with the University, not only promote the internal happiness and prosperity of the State, but give it an enviable reputation far beyond its own borders.

The prompt measures taken by the Board under this grant, have resulted in the adoption of a building plan, presented by Mr. E. S. Jenison, one of our graduates in the department of engineering, which promises at once to secure all the objects contemplated, and to add an attractive architectural feature to the University grounds.

Already the work has progressed so successfully, that the corner stone of the new structure, for which the name of "University Hall" has been adopted, was laid as the appropriate closing exercise of commencement day, and of the year.

* THE ADMISSION OF WOMEN.

By virtue of the resolution of the Board, opening the University to women, one young lady was admitted to the Academic Department at the close of the first semester of the last year. At the beginning of the present year women were received for the first time into all the departments of the institution. The whole number of female students registered is thirty-four; two in the Law Department, eighteen in the Medical Department, and fourteen in the Department of Science, Literature and the Arts; the latter being distributed as follows: three in the classical course, five in the Latin-scientific, one in the scientific, two in selected studies, and three in the course of pharmacy.

One has already graduated in law, one in medicine and two in pharmacy.

Those who have entered the Medical Department, in accordance with the action of the Board prior to the opening of the year, have formed a class by themselves, both in lectures and in the dissecting rooms. In the other departments there has been no discrimination in any respect, and no special arrangements have been found necessary. In ability and scholarship, as shown in class exercises, and examinations, the young ladies have taken rank at once among the best students.

Many inquiries have already been made as to the working of this new movement. It is manifestly too early as yet to speak of results. Certainly nothing has occurred during the year to occasion any misgiving in regard to its ultimate success. No difficulty or disadvantage has been met with. No one connected with the University, so far as I have learned, not even those members of the Faculties who were at first opposed, or distrustful, any longer express any regret on account of the "innovation," or any apprehension in regard to its effect, either upon our internal condition or our reputation abroad.

But whatever may be its influence on our internal condition, its beneficial effect upon the relations of the University to the State has become immediately apparent. It has removed a ground of complaint against the University, constantly increasing, and obviously just—and, therefore, shutting off more and more from the institution the sympathy of a very large number, if not even a majority of our citizens. And there is no doubt that our friendly reception at the Legislature was due in no small degree to this wise and timely action of the Board in behalf of women.

THE "PARSONS LIBRARY."

Until the beginning of the present year no considerable donation has ever been made to the Uni-Since that time, however, a very versity library. large and valuable private library has been purchased and presented to the University by Philo Parsons, Esq., of Detroit. It consists of the entire collection of the late Professor Rau of Heidelberg, made during his long service of fifty years as Professor of Political Economy in Heidelberg University, and embracing all the most valuable literature contained in the European languages on political science and kindred topics. The number of volumes in this collection is 4034, and of pamphlets more than two thousand. While this munificent gift is of great importance on account of the intrinsic worth of the collection, it is not less valuable as an example which cannot fail to find imitators.

Many of the volumes, as is almost always the case in libraries of this kind, are unbound, or require rebinding before they can be placed on the shelves and catalogued. Mr. Parsons, I understand, has already made arrangements for the binding necessary to be done.

The Librarian has prepared a general description of this collection as a part of his report on the

THE HOPE OF PRIVATE MUNIFICENCE.

I need not say what it is that must supplement the liberality of the State government. If the University is to be kept up to its present rank, it must find somewhere in this community its Lawrences, and Sheffields, its Thayers, McGraws, and Cornells. Columbia has her richly endowed School of Mines in New York, the centre of commerce. Where is the endowed School of Mines in Michigan, the centre of a great mining interest? Yale and Harvard have their richly endowed Scientific Schools. Where is such an endowment, and such a school more needed, and likely to do more good, than at the University of Michigan, where scientific studies have from the first been made so conspicuous and honorable?

At Harvard there are more endowed chairs, or professorships, than there are professors in our entire Faculty; and many of those endowments were established before Massachusetts had attained to anything like the present population and wealth of Michigan.

Has not the University of Michigan also deserved such gifts from private munificence? She points to her 2900 graduates, nearly all raised up from the ranks of laboring and self dependent young men, and trained to honorable and useful callings, and she asks whether wealth can be better invested, or secure to the giver a more enviable or lasting name, than in the endowment, either of schools, or single chairs of instruction, which shall enable her to add yearly to this goodly company.

THE MEDICAL AND LAW DEPARTMENTS.

The work of the Medical Department has been conducted with the same degree of success as hereto-

fore, and presents no new features requiring special remark, excepting the organization of the separate course of lectures for women, already referred to. Detailed reports of the operations of the Department, and of the Hospital will be presented by the Dean of the Medical Faculty.

The Law Department has encountered no difficulty in the admission of women to the courses of lectures, already organized for men. No separate course is found necessary, or desirable. The enlargement of the law library, which is the pressing want of this department, I trust will be brought about by the negotiations now pending for the purchase of a large and valuable private collection.

OBSERVATORY, CHEMICAL LABORATORY, &C.

The condition and work of the Observatory, the Chemical Laboratory, the Department of Engineering, and the General Library, will be reported by the several officers in charge.

THE ACADEMIC DEPARTMENT.

The number of applicants for admission to the Department of Science, Literature, and the Arts, during the year, was 222. The number matriculated was 196, including the class in Pharmacy. A large number failed to enter from the want of sufficient preparation. The candidates received from the High Schools of Detroit, Flint, Jackson, and Ann Arbor, were exceedingly well prepared. The classes in these and other schools of the State are gradually rising in scholarship, and thus enabling the University to take up the several courses of study, from a higher grade of advancement. This progress will be still more rapid as the relations of the University to the schools become more intimate.

On motion, the Board went into executive session, and after spending some time therein, resumed the regular business of the meeting in open session.

A communication was read by the President from President A. K. Spence, of Fisk University, requesting that the degree of M. S. be confered upon Mr. H. W. Hubbard, who graduated in the University of Michigan in 1866 as B. S.

The following resolution presented by Regent Willard was unanimously adopted:

Resolved, That the degree of Master of Science be conferred upon Mr. H. W. Hubbard, a graduate of the University, in the class of '66 as Bachelor of Science, and now connected with Fisk University, Tenn.

By Regent Walker-

Resolved, That Prof. George W. Merriman have leave of absence for the remainder of the Semester to acquaint himself with the new methods of instruction employed in Physical Laboratories.

Adopted.

The Dean of the Medical Faculty read the following report, which was adopted, and ordered to be printed in the minutes:

ANN ARBOR, March 25th, 1872.

To the Honorable Board of Regents of the University of Michigan:

Gentlemen:—In conformity to the established usage the Medical Faculty beg leave to submit their annual report.

The number of students in attendance during the session is 350. Compared with the catalogue of the last year this shows a difference of thirty-five in favor of the present term. The number of ladies in attendance during the session was thirty-five, being more than twice the number of the previous class. This steady increase in numbers indicates a probable final and complete success. The number of candidates for graduation is eighty-two. Their names will be submitted in an appended report.

The Faculty feel a peculiar gratification in presenting the names of so large a number whose qualifications to enter upon the duties of a responsible profession have been so thoroughly tested. In view of the very general satisfaction expressed by the class, with the instruction in Opthalmology given by Dr. Frothingham as Lecturer on that branch of surgery, the Faculty beg to urge his appointment as Professor of Opthalmic Surgery, and adding to the duties of the Chair, those of Aural Surgery. This would seem but simple justice for the faithful

versity should not be slow to follow, especially as she claims to be a peonier in the improvement of medical education.

As the last appropriation proved to be deficient by nearly fifty dollars, an appropriation for advertisements of \$200 is respectfully requested. By order of the Faculty,

A. SAGER, Dean.

The following communication was received from the Medical Faculty:

ANN ARBOR, March 23, 1872.

To the Honorable Board of Regents of the University of Michigan:

GENTLEMEN—At a meeting of the Faculty of Medicine on the 22nd inst., the following resolution was adopted:

Resolved, That the persons whose names are subjoined be and are hereby recommended to the Honorable Board of Regents for the degree of Doctor of Medicine.

Respectfully submitted,

A. SAGER, Dean.

Name.	Residence.
Albert W. Adams	\dots Charlotte.
Joseph H. Bacheler	\dots Hubbardston.
Elfred R. Barney	
Walter A. Boor	
Madison E. Boynton, B. A	Clinton, N. Y.
John F. Burdick, Jr	
Samuel W. Chandler	
Samuel Chapin, Jr	\dots Grass Lake.
Henry H. Cook	
William R. Ditmars	
Chas. P. Donelson	\dots . Flint.
Ethelbert E. Duncanson	Chicago, Ill.
Francis P. Esterly	Helena Stat'n, Wis.
M. Francis Fasquelle, M. A	Ann Arbor.
Edward C. Fisher	
Henry Fitzbutler	\dots Amherstburg, Ont.
Otis C. Flick	West Liberty, Iowa.
Isidore Freund	\dots Port Huron.
James H. Fuller	\dots Trafalgar, Ind.
John J. Galentine	Cleveland, Ohio.
Alexander A. Gibson	Chillicothe, Ohio.
Conrad George	Waterloo, Ont.
Joseph Green	\dots Caledonia.

Philander A. HarrisJo	hnsonsburg, N. J.
Samuel D. Hartman	15.00
Henry S. Haskin	- 전투하
Alvin C. Henderson	The state of the s
Simon Herres	
John E. Hewitt	
William E. Hill	
Patrick F. Hogan	
Loren A. Houghton	
Benjamin R. Hoyt	
Henry HullB	attle Creek.
Wm. C. Huntington	
Isaiah Johnston	ttava City, Cnt.
Franklin B. Jones	la.
John R. Jones, P. C	nn Arbor.
David W. Jump	enterton, Ohio.
Josiah R. Kelly	everly, Ill.
Charles A. Kersey	cichmond, Ind.
James T. Lawless	drian.
Charles J. Lundy	etroit.
Dennis Mahanna	Redwood, N. Y.
Colm McCormick	
John C. McIlvain	ansing.
George A. Meredith	ntario, Iowa.
Charles N. Metcalf	Cairfield, N. Y.
Joshua Miller	
Archibald MitchellF	rullerton, Ont.
Frederick L. Morse	1984 1984 1984 1984 1984 1984 1984 1984
Jasper P. Newton	
Anthony Oldfield, Jr	
Frank K. Owen	
Stephen E. Palmer	
Edgar Parker	
Ora L. PeltonS	
Oscar S. Phelps	
T. George Ranney	
Watson E. RiceS	A TEMPO
Samuel V. Romig	
Bowles C. Smith	
Sparrow A. Snow	
John S. Sprowl	
George W. Stevens	
Milton D. Stiles	East Troy, Pa .

Charles H. Stowell
William J. Taylor
Joshua Tennant
Alexander S. Truman Strathroy, Ont.
Samuel C. Van Antwerp
Thomas McM. Weadock
William R. Wilcox Oxford, Ohio.
Julius Wise
Joel F. Wright
Nathan D. Yale, B. A
Ann Ayres
Ruth E. Hull
Annie News
Anna H. Searing Poplar Ridge, N. Y.
Helen M. Upjohn
Helen F. Warner
Total82.

On motion of Regent Rynd, it was ordered that the degree of Doctor of Medicine be confered upon the eighty-two persons named in the communication from the Medical Faculty.

The Board now adjourned to 9 o'clock, to-morrow (Tuesday) morning.

Tuesday morning, March 26th, 1872.

The Board re-assembled in the room of the President, at 9 o'clock A. M.

Present—the President, Regents Walker, Willard, Gilbert, Mc-Gowan, Grant and Rynd.

On motion of Regent Walker the unfinished business of the meeting was resumed.

The following communication from the Dean of the Law Faculty was presented by Regent Grant:

To the Honorable Board of Regents of the University of Michigan:

The Faculty of Law respectfully recommend that the degree of Bachelor of Laws be conferred upon the following persons, who have severally completed the prescribed course and passed the requisite examination:

Name.	Re	esidence.	
Castillo Ball	.Sloan's	Station,	Ohio.
Milton Carlton Barnard	. Westvil	le, Ind.	

portion of the class which entered on examination than in that portion which was received on certificate. This is only one test, it is true. But the indication which it furnishes that the students, who entered by certificate, were on the whole better prepared than those who entered after examination, is in accordance with the general impression, which the daily class-room work has made on the instructors of the There is the very strongest evidence that the effect upon the schools which stand in this new relation to the University, has been most helpful. It has lent a new stimulus to the scholars, teachers and friends of the school. The visits of the Committee of Inspection have been received as gratifying proof of the interest of the University in the schools. The conferences with the teachers and superintendents, have been instructive both to them and to us. We have frankly and kindly suggested methods of improving their work, where suggestions were needed, and they have enabled us to see exactly what is possible for them to do. We are thus able to co-operate wisely and intelligently for the same end, the most thorough preparation of students for our classes. The schools become thoroughly identified with us in our work. When the High Schools generally in the State shall have so far advanced that the University can establish this relation with them, we shall have a completely graded system of substantially free public education stretching from the primary school through the University to the completion of a professional course.

Committees of the Faculty have this year, in compliance with invitations, visited the schools at Ann Arbor, Adrian, Jackson, Flint, Kalamazoo and Pontiac. The Faculty have voted to receive graduates this year from all the above named schools save that at Pontiac, which has no class ready for us this year. If the quality of the teachers in that school next year is as good as at present, it will doubtless earn a place by the side of the best schools. Other schools announce that they will be prepared to invite inspection next year. Though our plan is still subjected to some criticism, I am convinced that if it is executed with discretion and prudence, it can be made productive of great good to the schools, the University and the State. There is hardly any feature of our work which seems to me more interesting than this.

* THE ADMISSION OF WOMEN.

The number of women who are availing themselves of the opportunity to study at the University is nearly twice as great as it was in year 1870-71. The number registered then was 34, viz.: 2 in the Law

The bill pending in the Legislature, known as Senate Bill No. 73, providing for the appointment of two Homeopathic Professors, makes no provision for the payment of their salaries, and if the bill passes, and the appointments are made, an additional yearly expense of \$3,600 will be incurred.

Communications from J. W. Hagadorn, M. D., of Ovid, Mich., and W. W. Hippolite, M. D., of DeValls Bluff, Arkansas, were read, praying that duplicate diplomas be granted them, as the originals were destroyed by the Chicago fire in October, 1871; whereupon Regent Rynd presented the following resolution:

Resolved, That duplicate diplomas be granted Dr. Hagadorn and Dr. Hippolite, graduates of the Medical Department of the University on condition of their paying the usual diploma fee—said diplomas to bear the same date as the originals and marked "Duplicate."

Ayes-Regents Walker, Willard, Gilbert, Burt, Estabrook, McGowan, Grant, and Rynd.

Regent Rynd read the following communication from the Dean of the Medical Faculty:

To the President and Hon. Board of Regents of the University of Michigan:

Gentlemen,—The candidates whose names are subjoined, having complied with the requirements and passed an examination satisfactory to the Faculty, are hereby recommended for the degree of Doctor of Medicine.

Respectfully submitted.

By order of the Faculty,

A. SAGER, DEAN.

Name.	Residence.
William Aitcheson	Seaforth, Ont.
Oliver M. Atwood	East Saginaw.
Lafayette Batson	Niles.
Henry Bertrand Bessac	Manchester.
Charles Sumner Bigelow	Milan.
John W. Brown	Brockett's Bridge, N. Y.
William N. Burdick	Coldwater.
Homer Bushnell	Pownall, Vt.
William W. Campbell	Belmont, Ont.

Name.	Residence.
William Edward Choate	Jackson.
Charles Fletcher Cochran	
Stephen M. Colladay	
William Henry Cotton	
John Wesley Culley, M. A	
John Anderson Davis	
Lambert LeRoy Doty	
Emmet Seward Elmer	
Ephraim Beverage Evans	50
Thomas Robison Evans	
Louis Adelbert Foote	
George E. Fullerton	
James Edward Gee	
William R. Grannis	
Arthur Sherman Hall	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그
Edmund Murray Hall	
Nathan Christopher Hall	
Wallace E. Hallock	할 때 가는 아이들이 아르아 아들이라는 얼굴하다면 하는데 하는데 하는데 얼굴하는데 그렇게 하는데
John Davis Hartley	
Louis Eugene Hollister	
George W. Holmes	
Millard F. Hudson	
Charles E. Huxley	Vermillion, D. T.
Philo Milton Jewell	
Thomas Augustin Kay	Laingsburg.
Charles Kellison	
J. G. Leffingwell	
Oscar Leseuer	Danville, Ill.
William H. Maitland	
John Alva McCorkle	Lordstown, O.
John Owen McGregor	Lowville, Ont.
Robert McIntyre	Fingal, Ont.
Laureston A. Merriam	Crescow, Ia.
John Millington	Bennington, Vt.
Albert L. Morgan	Marseilles, Ill.
James Decker Munson	Jersey.
Frank Hall Murdock	\dots Titusville, Pa.
A. W. Nicholson	
Dennis Nunan	
Edward Everett Pease	
Thomas Abram Perrin	
Abel M. Phelps	

H. DeW. C. Phelps
Bradford Franklin Plews
De La Motte Potter Frederickstown, O.
John James Porter
William H. Porter West Liberty, Ia.
Edwin West Raynor Frankfort, N. Y.
Noah Schenk
John L. Short
Samuel Finley Smith
Samuel L. S. Smith
Jerome Marvin Snook
Will Henry Solis
Benjamin Cotton Stevens
Charles Stuart
Abram R. Turner Brasher Falls, N. Y.
Joshua M. Wardell
Edward Watson
Charles M. Whiting
Charles H. Whitney
Samuel J. Wightman
Peter Wesley Wright
Hal Clement Wyman
mai Clement wyman
S. Gertrude Banks
Sara Elizabeth Brown
Emma Louise Call Boston, Mass.
Josephine Marie Copp
Virginia Harley
Hattie J. Tift Hilton
Eusebia N. Huntley South Columbia, N. Y.
Josephine Kingsley
Mary E. Little
Annie Julia Lore
Henrietta Milsom
Cornelia E. Whitbeck
Total 85

On motion of Regent Rynd, the degree of Doctor of Medicine was granted, and ordered to be conferred upon the persons named in the communication, in accordance with the recommendation of the Faculty.

On motion of Regent Walker, the Board went into executive ses-

really intending to continue in a select course. The others are striving to enter upon some regular and complete course, but yet are lacking sufficient proficiency in some one or more branches to take their places in the class they propose to join.

Of the students in the regular courses about 43 per cent have this year pursued the Classical Course, 18 per cent the Latin and Scientific Course, and 39 per cent the Scientific Course. Compared with the previous year there has been a slight increase in the relative proportion of students in the Scientific Course. It is probable that the increased requirements for admission to the Scientific Course may reduce this proportion.

The number of women, who enroll themselves as students in the University continues to increase. Two years ago it was 37; in 1871-2 it was 64; in 1872-3 it was 88. The attendance of women was, by Departments, as follows; in the Law Department 4; in the Medical Department 40; in the Academic Department 45. These last were according to the Calendar distributed as follows: Resident Graduates 2; Senior Class 1; Junior Class 7; Sophomore Class 8; Freshmen Class 20; Select Course 5; Pharmacy 2. Of the 35 in the regular courses of study, 14 pursue the Classical, 14 the Latin and Scientific, and 7 the Scientific. Of the graduates 8 are women; 1 in the Law Department, 1 in the Literary, and 6 in the Medical.

The history of our work during the past year has only deepened the impression made during the two previous years, of the entire practicability of imparting collegiate and professional education to the two sexes in the same schools. If any have cherished a fear that the admission of women would tend to reduce the standard of work in the University, their attention may be directed to the fact that during the last three years we have been steadily increasing the requirements for admission and broadening the range of studies. Now certainly the women experience no such difficulty in acquiring the studies assigned in the regular curriculum as to call for any modification of the course on their account. Their record is as creditable in all branches as that of their classmates of the other sex. Nor do I

327

amount be made at this meeting for the enlargement of the building, as the present facilities were inadequate to accommodate the applicants for admission.

On motion of Regent Burt, the matter was referred to the Finance Committee.

The following communication was presented by Regent Rynd:

To the Hon. Board of Regents:

The following are the names of students whose examinations have proved satisfactory, and in the absence of Dr. Sager, I am instructed by the Medical Faculty to present them to you as candidates for the degree of Doctor of Medicine.

Respectfully,

MISS C. A. SAGER,

For Dr. A. SAGER, Dean.

James Morris Barrett,	. Owego, N. Y.
Judson Beach,	. Ætna, N. Y.
E. Cushman Beebe,	. Swanton, Vt.
Frank A. Benham, Jr.,	.Brunson.
Frank E. Bodemann,	. Burlington, Ia.
William M. Bonnet,	. Darlington, Pa.
H. H. Bordner,	
David Kreps Broucher,	
John William Chambers,	. Kaneville, Ill.
Charles Edward Davis,	
Orlando A. Dimmick,	
John Henry Flagg, C. E.,	. Pentwater.
Harrison Ford,	.Big Rapids.
John W. Greenfield,	.Ann Arbor.
Austin Kent Hale,	.Adams, N. Y.
Josiah Heller,	. White House, Ohio.
Samuel G. Higgins,	. Ottawa, Ont.
Frank Clair Hill,	. Waupun, Wis.
Charles Robinson Hume,	. Medina.
Charles B. Humiston,	. Morenci.
William Hutton,	. Elizabeth, Ill.
George W. Kerr,	. Lovington, Ill.
George W. Lowry,	.Zanesville, Ohio.
Archibald M. Maclean,	.Kingston, Ont.
Seymour A. Manzer,	. Lapeer.

328

William L. Marr, La Porte, Ind.
George Martin,
William A. McCaslin,
Thomas O. Miller,Springfield, Ill.
Frank P. Moore,
Martland F. Newkirk,Bay City.
William T. Northup, Gallipolis, Ohio.
Addis Emmet Parker,
Herbert C. Phelps,
John F. Place, Jr.,
John Powell, P.C.,
Lorenzo S. Putney,
Emmet C. Rhodes,Stockbridge.
T. Webster Richmond,
Thomas Riley,
Frank Taylor Seeley, B.S.,Flint.
Alfred Senier, Jr.,
Charles Weed Shepard, Ann Arbor.
W. P. Shoemaker, Cochlinsville, Pa.
Samuel H. Sidlinger,
Walter W. Smith, Milan, Ohio.
T. Augustus Sparhawk, Leroy.
William C. Stevens,
Asher C. Taylor, Ann Arbor.
Jasper Tidball,
Leander Tidball
Flavel B. Tiffany,
John S. Walbridge, Berlin, Wis.
Clarence S. Ward, Warren, Ohio.
George Welsh,
William W. White, White's Cove, N. B.
John Young,
Olive Jane Emerson,
Nancy Maria Hill, Belmont, Maine.
Gertrude Jones,
Mary Keuyon, Venice, N. Y.
Harriet M. Kollock, Belleville, Wis.
Tinnie S. Lawrence, Emporia, Kan.
Mary V. Lee, North Granby, Conn.
Rachel A. Underwood,



The President presented and read the following communication from Prof. A. Sager.

To the President and Hon. Board of Regents:

Gentlemen,—In responding to a resolution passed October 7th, 1873, requesting me to report to the Board, at the March meeting, in regard to my probable future relationship to the University, I beg to say that although my health has considerably improved, yet so much doubt rests upon the near future that, to avoid embarrassment, I respectfully tender to you my resignation of the Professorship of Obstetrics and Diseases of Women and Children in the Medical Department of the University.

In thus severing a connection with the Institution which in various capacities I have had the honor to serve for more than thirty years, permit me to assure you that the future of the University will ever remain for me a subject of hope and solicitude, as in the past its support has commanded my earnest efforts.

I have the honor to be,

Very respectfully,

A. SAGER.

Regent Walker presented the following resolution which was unanimously adopted:

Resolved, That the resignation of Dr. A. Sager, Professor of Obstetrics and Diseases of Women and Children, be accepted, and he be continued as Emeritus Professor of the Medical Department of the University.

The following resolution was presented by Regent Rynd:

Resolved, That Edward S. Dunster, A. M., M. D., be and hereby is appointed Professor of Obstetrics and Diseases of Women and Children.

Adopted by the following vote:

Azes—Regents Gilbert, Burt, Estabrook, McGowan, Grant, Rynd, Walker and Climie.

On motion of Regent McGowan, Regent Rynd was requested to prepare and present to the Board resolutions expressive of the feelings of the Board in respect to the resignation of Prof. A. Sager.

Regent McGowan presented the following resolution:

Resolved, That hereafter there shall be no separate lectures given



to women in the Medical Department, and that the extra compensation paid professors therefor shall be discontinued.

The resolution of Regent McGowan, on motion, was laid on the table for the present.

Regent Walker, from the Library Committee, made a report relative to the Librarian, which was adopted and ordered to be placed on file.

On motion, the Board adjourned to 9 o'clock A. M., Tuesday March 24th, 1874.

University of Michigan, March 24, 1874.

The Board re-assembled in the room of the President at 9 o'clock A. M., and after spending some time signing diplomas, the Board was called to order by the President.

Present-a full Board.

Regent Rynd presented the following preamble and resolutions, which were unanimously adopted:

WHEREAS, God in His Providence has subjected Prof. Abram Sager, A. M., M. D., to severe affliction which has incapacitated him for duty during the last.year, and which has caused his resignation from the active duties of his professorship, therefore

Resolved, That we hold Prof. Sager in the highest esteem, not only for the symmetry of his character and purity of his life, but also for the eminent services which he has rendered to this University during a period of thirty-two years.

Resolved, That the great success attending the Medical Department has been largely due to his loyalty, industry, wisdom and scholarship.

Resolved, That our deepest sympathy is extended to Prof. Sager in his continued physical feebleness, and that we sincerely hope for his restoration to health, and for his future happiness and usefulness.

Resolved, That we shall regard with favor his future relationship to the Medical Department in such way as his health may permit, and trust that we may for many years be favored with his prudent counsels and personal influence.

Resolved, That a copy of this preamble, and these resolutions, signed by the President and Secretary be forwarded to Prof. Abram Sager.

I should not have asked this without being fully satisfied that the Department will in no way suffer thereby.

At my earnest solicitation, Hon. Wm. P. Wells, of this city, has consented, with your approval, to fill the Professorship during my absence.

I am satisfied that he will do so with credit to himself and benefit to the Department and the students.

Very respectfully,

Yours, etc.,

C. I. WALKER.

On motion of Regent Grant, the communication was accepted, and leave of absence was granted Professor Walker for one year. Action on the appointment of a person to fill the vacancy, at the suggestion of Regent Gilbert, was deferred for the present.

On motion of Regent Gilbert, the Board adjourned to 8 o'clock Tuesday morning.

University of Michigan, Tuesday morning, 8 o'clock.

The Board of Regents re-assembled in the room of the President.

Present—the President; Regents Gilbert, Estabrook, Mc-Gowan, Grant, Rynd, and Walker.

The first hour of the session was spent in signing diplomas, after which Regent Rynd presented the following communication from the Dean of the Medical Faculty:

UNIVERSITY OF MICHIGAN,
Department of Medicine and Surgery,
Ann Arbor, June 22d, 1874.

To the President and Hon. Board of Regents of the University of Michigan:

Gentlemen,—The students of Medicine whose names are herein submitted have complied with the requirements, and passed an exam-

ination satisfactory to the Faculty. They are therefore respectfully recommended for the degree of Doctor of Medicine.

By order of the Faculty.

A. SAGER, Dean.

CANDIDATES.

John Drake Chambers, Dontague Desnoyer, Fairfield Goodwin, Rufus H. McCarty, Marion Louise Rice, * Lafayette Rinkle.

It was voted to confer the degree as recommended.

Regent Rynd presented the following report:

The Committee on Medical Department, to whom was referred the following resolution:—"That hereafter there shall be no separate lectures given to women in the Medical Department, and that the extra compensation paid professors therefor shall be discontinued;"—beg leave to report that the medical gentlemen occupying chairs in that department of the University assure us of the impracticability of conducting certain lectures and experiments in the presence of mixed classes, and consider that any further attempt in this direction would seriously damage the Department.

So far as the question of salary is concerned, we deem it equally impracticable to recommend any reduction from the rates which have obtained for the last four years.

In this connection, your Committee desire that the co-education of the sexes in the Medical Department shall be conducted, so far as practicable, and recommend that for the present the matter be referred to the judgment and discretion of the Medical Professors.

> C. RYND. THOS. D. GILBERT.

The report was accepted, and after a brief discussion by Regents Walker, Grant, and McGowan, it was adopted.

Dr. Douglas, of the Chemical and Pharmaceutical Departments, being present, was requested by the Board to state the reasons why the two candidates for the degree of Pharmaceutical Chemist, now absent, could not be present. After having explained the reason of the absence of the candidates satisfactorily to the Board, on motion of Regent Rynd the degree was awarded, and ordered to be conferred, in accordance with the recommendation of the Faculty.

servance of order on the grounds and in the buildings. There is an entire freedom from certain offenses common in many colleges. Though all our buildings are unguarded by night, I think students have not wilfully damaged them to the amount of five dollars this year. As is well known, we unfortunately had occasion last May to confront the chief abuses, which had a foothold here, viz., hazing, and a disposition, occasionally manifested before, on the part of some students, to attempt by combinations and unpleasant demonstrations to press the government to recede from its action in a case of discipline. I regret to say that it became necessary to suspend until the beginning of this academic year about half of the members of each of the two lower classes.

During the year one student has been expelled for gambling, and one for complicity in preparing an obscene and abusive circular, which was distributed by night in the streets. The University has not before for years been disgraced by any papers of this kind, and I am happy to say that the students as a body showed a proper indignation at this vile act.

THE ADMISSION OF WOMEN.

The reception of women into our classes continues to attract Frequent inquiries are made of me concerning much attention. the experiment, not only from college men and others on this side of the Atlantic, but also from English men and women. An unprecedented interest is at present felt in Great Britain in the higher education of women. By one means or another women are gradually getting the benefit of the instructions of some of the leading University Professors, and it is found there as here that they bear off their full share of the honors of high and strenuous intellectual work. Our success has been referred to in numerous articles, which the friends of the higher education of women have published in England. It is noteworthy that some of the German universities are following the example of the schools at Zurich and Berne in admitting women to their lecture rooms.

Hardly any subject has been discussed with more spirit during the last year in this country in journals, magazines and books than that of the co-education of the sexes. The ground once maintained by some, that the women have not the intellectual gifts required to master the severe studies of a collegiate course, seems to be generally abandoned. It would indeed seem difficult to hold it in the face of the brilliant successes of women in our own classes, both in the Literary Department and in the professional schools. The main argument now pressed is the physiological. I do not propose here to discuss the positions which have been taken. But I may be permitted to bear witness that our experience does not by any means justify the fear that the work of our Institution in either Department cannot be done by young women without detriment to their health. I can emphatically repeat what I said a year ago, that I doubt if an equal number of young women in any other pursuit in life have been in better health during this year than those who have been under our roof.

In discussing the subject of opening the doors of our colleges to women, two quite distinct questions are often confounded. These questions are, first, whether all women, who aspire to a high education, shall be educated in the colleges with men, and, secondly, whether those, who for any worthy purpose desire the education now given only in the colleges and professional schools, originally intended for men alone, should be permitted to attend those Institutions and receive that education. One may argue that these last should have the permission they desire, and yet with entire consistency hold that the great mass of women may properly receive the kind of education they desire at the schools and colleges designed exclusively for women. But until the colleges for women have the same facilities for imparting the highest collegiate and professional education as are furnished by the best universities, it will be difficult to show why the doors of at least some of those universities ought not to be open to every woman, who desires and is qualified to enter them. unless the teachings of the experience of every college, which has with good sense tried the co-education of the sexes, be refuted by some new experience, it will be equally difficult to show why every woman, who desires and is qualified for the education provided in our universities, should not as freely as any man have

access to their privileges and be permitted to give to her mind the best development of which God made it capable.

The number of women in attendance at the University this year is 94, as follows: in the Law Department, 5; in the Medical Department, 38; in the Literary Department, 51. These last were distributed as follows: Resident Graduates, 1; Seniors, 6; Juniors, 8; Sophomores, 11; Freshmen, 17; Select Course, 5; Pharmacy, 4. One took both the course in Medicine and the course in Pharmacy. Of the 42 in the regular courses of collegiate study, 21 pursued the Classical Course, 15 the Latin and Scientific, and 6 the Scientific. Of the graduates 18 are women, 2 in the Law Department, 9 in the Medical, and 7 in the Literary. Three of these last received appointments to speak at Commencement.

DEGREES.

The following is the number of degrees conferred:

Pharmaceutical Chemist,				20
Civil Engineer,				14
Bachelor of Science, .		•		13
Bachelor of Philosophy, .			(. • .)	12
Bachelor of Arts,				35
Doctor of Medicine, .				71
Bachelor of Law,			•	126
Master of Science (in course	e),			2
Master of Arts (in course),				18
Master of Arts (on examina	tion),	, .		2
3			29	
Total,			•	313

The honorary degree of Master of Arts was conferred on one person, and the honorary degree of Doctor of Laws on another.

The members of the Literary Faculty, impressed with the importance of giving a higher significance to our Masters' Degrees, respectfully requested you to confer no second degrees in course after 1877, and their opinion met with your hearty appro-

Thomas Francis Shields, Unadilla.Barton Smith, . Channahon, Ill. George Whitman Smith, . Commerce. Horace Lee Smith, Ann Arbor. . Morristown, N. J. John Henry Smith, William Laselle Snell, Ann Arbor. . Salt Lake City, Utah Ter. Zera L. Snow, Job South, Waynesburg, Pa. . Marshall. George Harvey Southworth, Frank Vance Sowles, Urbana, Ohio. Charles A. Manly Spencer, . Ann Arbor. John Wesley Stanley, Mattoon, Ill. Gilbert Montague Stark, . Saginaw. William Richard Starr, Camden. Charles Cummings Stewart, . Ann Arbor. Henry Clark Stewart, Harry J. Stimpson, William Rush Taggart, Charles Augustus Terhune, Jacksonville, Ill. . Ann Arbor. Wooster, Ohio. . Ann Arbor. Arthur Rollin Tripp, . Commerce.. Ann Arbor. Dean Merrill Tyler, William Henry Utt, . George Milton Valentine, Platteville, Wis. . Three Oaks. Arend Visscher, Leroy Hibbard White, Holland. . Evanston, Wy. Ter. Massillon, Ohio. Eugene Willson, George Wenzell, . Detroit. Eugene B. Woodruff, Decatur. 136. TOTAL,

On motion of Regent Grant, the degree of Bachelor of Laws was awarded, and ordered to be conferred upon the 136 persons named in the communication, in accordance with the recommendation of the Law Faculty.

Regent Rynd presented the following communication from the Dean of the Medical Faculty:

ANN ARBOR, March 21st, 1875.

To the President and Hon. Board of Regents of the University of Michigan:

Gentlemen,—The subjoined list comprises the names of all the students of Medicine who, having complied with all the requirements of the Medical Department, are respectfully recommended by the Faculty for the degree of Doctor of Medicine.

Respectfully submitted.

By order of the Faculty

A. SAGER, DEAN.

~			
Sylvester B. Davis,			East Milan.
Frank Harris Durstine,			Ann Arbor.
Daniel W. Finlayson, .			Mt. Carroll, 111.
Edmund Fitzpatrick,		٠	
Marrin Foodiels	•		Johnson's Creek, N. Y.
Marvin Fosdick,		•	Almena.
Clinton Rogers Green,			Beaver Dam, Wis.
John Alexander Gunn, .			Red Oak, Iowa.
Allen F. Hagadorn, .			Bay City.
Goorge Martin Harrison	•		
George Martin Harrison,		•	Town Line, Pa.
George Harvey, .	•		$Ottawa,\ Ill.$
Will J. Herdman, .			Zanesville, Ohio.
Lewis Edward Higbee,			Williamston.
Marion Holland,			St. Joseph.
Toronh D. Hoalron			
Joseph B. Hosken, .	•		Grand Rapids.
Charles Wallace Hubbard,			Pontiac.
Guy Hutchings, .			Toledo, Ohio.
Colonel M. Johnson, .		10	Harvard, Ill.
		•	
John Calvin Keeney,	•		Hindsville, Ark.
Louis Lorenzo Kelley, .			Ann Arbor.
Martin Kelly,			Ann Arbor.
William John Ketcham,		12	Dowagiac.
Edwin Leroy Kimball,		•	
	•		Ann Arbor.
John Hillis Kirk, .		•	Fairview, Pa .
Robert Richard Lawrence,			$Benton\ Harbor.$
Leander Erastus Maddox,			Keystone, Ind.
Neil A. McCallum, .		-	Belmont, Ontario.
Mornia D. McCondless	•		
Morris D. McCandless, .		•	South $Bend$, Pa .
Frank S. McKibben, .			$Mt.\ Pleasant,\ Iowa.$
Richard Murphy,			Tandon Outanio
Ormond P. Paulding,			Piqua, Ohio.
Coorne Changy Bosse	•		Climan Prairie
George Chaney Pease, .		•	Climax Prairie.
John U. Raymond, .			Cambridge City, Ind.
Edwin James Rothwell, .			$Listowell,\ Ontario.$
Edward J. Rowe, .			Harriston, Ontario.
George Elmer Sanford, .			York.
		•	
George Gordon Shannan,			Industry, Ill.
Henry Lewis Steiner, .		•	$Kenton,\ Ohio.$
Edwin Augustine Swan,			$Woodstock,\ Ontario.$
Clifford Afton Turner, .			Orangeville.
Charles Tilter			Warrensburg, Mo.
	•		Districted by 110.
William Cyrenus Upjohn,		•	
William E. Upjohn, .			Kalamazoo.
Clark Watson,			Berlin, Wis.
Freeman S. Williams,	(23)		Factoryville.
Olin Seymour Wright, .	0.750		Hornellsville, N. Y.
Omi Seymour Winghe, .		•	110/100000000, 11. 1.
Logophine Cherr Prices			Mangala M V
Josephine Shaw Briggs,			Newark, N. Y.
Elisabeth Lord Deuel,			Ypsilanti.
Seraph Frissell, .			Peru, Mass.
Adele A. Gleason, .			Elmira, N. Y.
Elizabeth Hait Gerow,			Plattekill, N. Y.
	•		
Sophia Hartley,			Adrian.
Caroline A. Hollister,			Laingsburg.
Eliza Maria Mosher,			$Poplar\ Ridge,\ N.\ Y.$
A. Adelaide Richardson,			Boston, Mass.
Eliza Ann Shaw,			Toledo, Ohio.
Mattie Cochrane Strong.		•	
	•		Jackson.
Mary Lucinda Vincent, .		•	Chicago, Ill.
TOTAL,	ness		65.

degree of Doctor of Medicine, they having complied with the requirements, and having passed a satisfactory examination to the Faculty.

Respectfully submitted.

By order of the Faculty,

DONALD MACLEAN, Acting Dean.

George Griswold Baker, Newton Baldwin, David French Dayton, Rufus Alvin Egbert, Frederick D. Jenkins, Henry D. Livingstone, Henry McCrea,

Richard Joseph Piper, Charles Virgin Porter, Justin Ellis Post, John J. Thomson, Robert Tremper, Marie Josephine Walker.

On motion of Regent Rynd, the degree of Doctor of Medicine was awarded the thirteen persons named in the above communication, and was ordered to be conferred in accordance with the recommendation of the Medical Faculty.

The following communication was received from the Secretary of the Department of Literature, Science and the Arts:

To the Honorable the Board of Regents of the University of Michigan:

Gentlemen,—The following persons have, by a vote of the Faculty of the Department of Literature, Science and the Arts, been recommended for the degree indicated:

CIVIL ENGINEER.

Albert Llewellyn Arey,
Lucius Baker,
Charles Cutler Baldwin,
Henry David Bates,
Ben Birdsall,
Charles Luman Buckingham,
Charles Alexander Carnefix,
Rolla C. Carpenter, B. S.,
Leman Lee Dickinson,
J. Clement Eaton,

Emerson Warren Grant, Joseph Warren Hoover, John Henry Morrison, Martin Luther Newton, George E. Pantlind, Edward Ira Parsons, William Hobart Potter, Edgar Dean Root, Walter S. Russel, Marcus Jonathan Wells.

BACHELOR OF SCIENCE.

William Francis Bigelow, William Irving Brotherton, Charles Whitefield Clark, Deloss Fall, Horatio Clark Ford, George Ludlow Fox, Adelbert George Gumaer, Walter Jacob Heyser, Caroline Irene Hubbard,

Edwin Lockwood Mills, Herman Merton Roys, Alexander Hawks Seelye, John Franklin Shafroth, James Henry Shepard, Oscar Pliny Shepardson, William Thomas, Harriet L. Winslow, Franklin Pierce Wood.

BACHELOR OF PHILOSOPHY.

George Hazleton Abbott, Emma Cornelia Andrews, Martha Angle, Frank Webster Ball, Eugene Ralph Hutchins, Andrew Josiah McGowan, James Benoni McMahon, Irving Nelson Mitchell, building. The library has been largely increased by the munificence of one of our citizens. All departments of the institution have been thrown open for the first time to female students. Closer relations have been established between the University and the State High Schools; and thus with the State system of education. And, finally, the long and painful uncertainty relating to the presidency has been terminated by an appointment which affords the most lively satisfaction both to the University itself and to the public at large. Indeed, I can think of no period in the history of the University more replete with occasions for congratulation.

THE LEGISLATIVE GRANT FOR A NEW BUILDING.

Early in the last session of the Legislature you brought before that body the urgent want of enlarged accommodations for our Academic Department. petition for a grant of seventy-five thousand dollars for the erection of a building suitable to meet these present necessities, was favorably received. educational committees of both houses of the Legislature visited the University during the session, inspected the several departments, and especially the present recitation and lecture rooms of the Academic Department, saw our students assembled, or rather packed together, in the law lecture room, the largest apartment now existing on the ground, and on their return to the capital, made full and eloquent statements to the Legislature of the wants and claims of the University in this direction. Nothing has ever occurred in our history more gratifying than the friendly sentiments manifested in the ensuing discussions, the absence of prejudice, and the almost unanimous vote in both houses, by which your petition was finally granted.

X

If it is reasonable to regard the Legislature as representing the sentiment of the people, I think we may now feel assured that the University has at length reached that period which we have always desired to see, when it should be recognized and accepted by the citizens of the state as a genuine state institution, not only such by the organic laws of the state, but in the estimation of the people, and in their cordial sympathy and support; a state institution looking just as legitimately and confidently for all needed help to the hand of the Legislature, as those other institutions, educational and charitable, which together with the University, not only promote the internal happiness and prosperity of the State, but give it an enviable reputation far beyond its own borders.

The prompt measures taken by the Board under this grant, have resulted in the adoption of a building plan, presented by Mr. E. S. Jenison, one of our graduates in the department of engineering, which promises at once to secure all the objects contemplated, and to add an attractive architectural feature to the University grounds.

Already the work has progressed so successfully, that the corner stone of the new structure, for which the name of "University Hall" has been adopted, was laid as the appropriate closing exercise of commencement day, and of the year.

* THE ADMISSION OF WOMEN.

By virtue of the resolution of the Board, opening the University to women, one young lady was admitted to the Academic Department at the close of the first semester of the last year. At the beginning of the present year women were received for the first time into all the departments of the institution. The whole number of female students registered is thirty-four; two in the Law Department, eighteen in the Medical Department, and fourteen in the Department of Science, Literature and the Arts; the latter being distributed as follows: three in the classical course, five in the Latin-scientific, one in the scientific, two in selected studies, and three in the course of pharmacy.

One has already graduated in law, one in medicine and two in pharmacy.

Those who have entered the Medical Department, in accordance with the action of the Board prior to the opening of the year, have formed a class by themselves, both in lectures and in the dissecting rooms. In the other departments there has been no discrimination in any respect, and no special arrangements have been found necessary. In ability and scholarship, as shown in class exercises, and examinations, the young ladies have taken rank at once among the best students.

Many inquiries have already been made as to the working of this new movement. It is manifestly too early as yet to speak of results. Certainly nothing has occurred during the year to occasion any misgiving in regard to its ultimate success. No difficulty or disadvantage has been met with. No one connected with the University, so far as I have learned, not even those members of the Faculties who were at first opposed, or distrustful, any longer express any regret on account of the "innovation," or any apprehension in regard to its effect, either upon our internal condition or our reputation abroad.

But whatever may be its influence on our internal condition, its beneficial effect upon the relations of the University to the State has become immediately apparent. It has removed a ground of complaint against the University, constantly increasing, and obviously just—and, therefore, shutting off more and more from the institution the sympathy of a very large number, if not even a majority of our citizens. And there is no doubt that our friendly reception at the Legislature was due in no small degree to this wise and timely action of the Board in behalf of women.

THE "PARSONS LIBRARY."

Until the beginning of the present year no considerable donation has ever been made to the Uni-Since that time, however, a very versity library. large and valuable private library has been purchased and presented to the University by Philo Parsons, Esq., of Detroit. It consists of the entire collection of the late Professor Rau of Heidelberg, made during his long service of fifty years as Professor of Political Economy in Heidelberg University, and embracing all the most valuable literature contained in the European languages on political science and kindred topics. The number of volumes in this collection is 4034, and of pamphlets more than two thousand. While this munificent gift is of great importance on account of the intrinsic worth of the collection, it is not less valuable as an example which cannot fail to find imitators.

Many of the volumes, as is almost always the case in libraries of this kind, are unbound, or require rebinding before they can be placed on the shelves and catalogued. Mr. Parsons, I understand, has already made arrangements for the binding necessary to be done.

The Librarian has prepared a general description of this collection as a part of his report on the