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# CONSPECTUS

OF THE

# MEDICAL COLLEGES OF AMERICA.

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COMPILED BY THE

ILLINOIS STATE BOARD OF HEALTH.

Revised to December 20, 1884.



SPRINGFIELD, ILL.:  
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# CONTENTS.

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	PAGE
COMMENTS ON THE CONSPECTUS—SUMMARY AND TABLES .....	V
Conditional and Unconditional Recognition of Diplomas.	
Schedule of Minimum Requirements.	
Extinct and Existing Medical Institutions, 1765-1884.	
Improvement in the Standard and Methods of Medical Education.	
SUMMARY OF INSTITUTIONS AND STUDENTS.....	VII
I.—Institutions.	
II.—Students.	
III.—Duration of Lecture Terms.	
MATRICULATES AND GRADUATES, IN EACH STATE, BY SCHOOLS OF PRACTICE.....	XI
I.—Matriculates and Graduates, in each State, 1877-78 to 1883-84, inclusive.	
II.—Matriculates and Graduates, in each State, 1832-83 and 1883-84, compared.	
REVIEW OF PROGRESS IN MEDICAL EDUCATION .....	XX
Inadequate Requirements for Practicing Medicine.	
Need of Improved Standards in Medical Instruction.	
Medical Licenses and the Control of Medical Schools.	
CONSPECTUS OF THE MEDICAL COLLEGES OF AMERICA.....	1-91
Arranged alphabetically as to States.	
——— chronologically as to Dates of Organization.	
ADDENDUM—Cooper Medical College .....	91
AUXILIARY AND POST-GRADUATE INSTITUTIONS AND COURSES .....	92
COLLEGES FOR BOTH SEXES .....	93
COLLEGES FOR WOMEN ONLY .....	94
COLLEGES FOR COLORED STUDENTS .....	94
COLLEGES CONFERRING DEGREES AT SUMMER SESSIONS.....	95

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#### NOTES.

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DR. ROBERT A. MCLEAN, Dean of the Faculty, Med. Dept., University of California, furnishes (December 29, 1884,) the number of matriculates (43) and of gradates (15) at the last session of this college—the session ending October 31, 1884. These figures are included in the tables on pp. IX, XI, XIV, and XV; but were received too late for insertion in the body of the CONSPECTUS (p. 6).

THE Evansville Medical College of Indiana (since suspended), had a class of 12 matriculates, and graduated 4; at its last session—that of 1883-84. See page 28.

DR. PERRY H. MILLARD's postoffice address (Secretary of the Faculty, Med. Dept., Univ. of Minnesota,) is Stillwater, Minn. See page 50.

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## COMMENTS ON THE CONSPECTUS—SUMMARY AND TABLES.

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THE Schedule of Minimum Requirements, adopted in 1880 by the ILLINOIS STATE BOARD OF HEALTH as its standard for determining the status of medical colleges under the Medical-Practice Act, took effect at the close of the lecture-sessions of 1882-83. Diplomas, issued at the close of the sessions of 1883-84, are accepted unconditionally—as sufficient warrant for the certificate of the BOARD, required by law—from all colleges which give evidence, in their Announcements and elsewhere, of an actual and bona-fide compliance with this Schedule. The diplomas of colleges which do not give such evidence are required to be supplemented by an examination before the BOARD, on the branches or subjects of the Schedule omitted by the colleges in question.

The specific publication of the curriculum of study and of the requirements for matriculation and for graduation, in the Annual Announcements of Colleges is desirable on many accounts. The omission of these data, or their obscure and imperfect presentation—as well as the failure to publish the names and addresses of matriculates and graduates—is calculated to throw doubt upon the character of the work of the school.

Up to the first of December, 1884, the diplomas (session of 1883-84,) of 47 colleges had been presented to the BOARD for verification and acceptance by applicants for certificates; and of this number, 26 had complied with the Schedule, and their Diplomas were accepted unconditionally. In the remaining 21, the applicants were required to undergo an examination on the branches or subjects omitted.

The following is the

### SCHEDULE OF MINIMUM REQUIREMENTS.

I. CONDITIONS OF ADMISSION TO LECTURE-COURSES.—1. Credible certificates of good moral standing. 2. Diplomas of graduation from a good literary and scientific college, or high school. Or, lacking this—a thorough examination in the branches of a good English education, including mathematics, English composition, and elementary physics or natural philosophy.

II. BRANCHES OF MEDICAL SCIENCE TO BE INCLUDED IN THE COURSE OF INSTRUCTION.—1. Anatomy. 2. Physiology. 3. Chemistry. 4. Materia Medica and Therapeutics. 5. Theory and Practice of Medicine. 6. Pathology. 7. Surgery. 8. Obstetrics and Gynecology. 9. Hygiene. 10. Medical Jurisprudence (Forensic Medicine).

III. LENGTH OF REGULAR OR GRADUATING COURSES.—1. The time occupied in the regular courses or sessions from which students are graduated shall not be less than five months, or twenty weeks, each. 2. Two full courses of lectures, not within one and the same year of time, shall be required for graduation with the degree of Doctor of Medicine.

IV. ATTENDANCE AND EXAMINATION OR QUIZZES.—1. Regular attendance during the entire lecture-courses shall be required, allowance being made only for absences occasioned by the student's sickness, such absences not to exceed twenty per centum of the course. 2. Regular examinations or quizzes to be made by each lecturer or professor daily, or at least twice each week. 3. Final examinations on all branches to be conducted, when practicable, by competent examiners other than the professors in each branch.

V. DISSECTION, CLINICS AND HOSPITAL ATTENDANCE.—1. Each student shall have dissected during two courses. 2. Attendance during at least two terms of clinical and hospital instruction shall be required.

VI. TIME OF PROFESSIONAL STUDIES.—This shall not be less than three full years before graduation, including the time spent with a preceptor, and attendance upon lectures or at clinics and hospital.

VII. INSTRUCTION.—The college must show that it has a sufficient and competent corps of instructors, and the necessary facilities for teaching, dissections, clinics, etc.

A TOTAL of 234 different Medical Institutions, dating from the year 1765, are listed in the pages of the CONSPECTUS. Of this number the diplomas or licenses of 132 have been presented to the ILLINOIS STATE BOARD OF HEALTH for verification and acceptance—131 for the first time prior to the session of 1883-84, and one other for the first time since the close of that session. There are now remaining in existence 128 institutions of medical education of all classes which are empowered to grant degrees—116 in the United States, and 12 in Canada. Among the extinct schools there are 54, out of 153 regular; 7, out of 20 homeopathic; 12, out of 24 eclectic; and 6, out of 10 physio-medical and miscellaneous. Out of 18 fraudulent institutes, 17 are now extinct. The "Boston Bellevue" is the only one of this class remaining, and this exists only on paper and is, probably, incapable of harm; since it is doubtful if any one can be found so credulous as to buy its "diploma." (See page 46, of the CONSPECTUS, concerning this institution.)

THE recent improvement in the standard and methods of medical education is, to some extent, indicated by the following figures:

There are now 102 colleges which exact an educational requirement as a condition of matriculation; in the first CONSPECTUS there were only 45.

Attendance on three or more lecture-courses before graduation is now required by 35 colleges, as against 22 heretofore; and provision is made for a three- or four-years' graded course by 56 others.

Hygiene is now taught in 80 colleges, and medical jurisprudence in 92; as against 42 and 61, respectively, heretofore.

The average duration of lecture-term has increased from 23.5 weeks to 24.5 weeks; or aggregates of 2960 weeks for 126 institutions, and 3135 weeks for 128 institutions, respectively; 4 more colleges have lecture-terms of five months or over, and 11 more have terms of six months or over, as compared with the preceding session.

The following Summary sets forth these facts in detail:

SUMMARY OF INSTITUTIONS AND STUDENTS.

I—INSTITUTIONS.	Regular.....	Homeopathic..	Eclectic .....	Physio-Med...	Miscellaneous*	Fraudulent....	Totals.....
Total number of Institutions listed in the CON- SPECTUS (1).....	162	20	24	3	7	18	234
— — in the United States.....	147	20	24	3	7	18	219
— — in Canada.....	15						15
Total number which have become extinct.....	54	7	12	1	5	17	96
— — in the United States.....	51	7	12	1	5	17	93
— — in Canada.....	3						3
Total number whose Diplomas or Licenses been presented to the ILLINOIS STATE BOARD OF HEALTH prior to the session of 1883-84 (2).....	91	15	10	3	2	10	131
— — in the United States.....	85	15	10	3	2	10	125
— — in Canada.....	6						6
Total number recognized prior to the session of 1883-84 (2).....	91	15	4				110
— — in the United States.....	85	15	4				104
— — in Canada.....	6						6
Total number recognized conditionally prior to the session of 1883-84 (2).....			6	3	2		11
— — rejected.....					10		10
Total number of Colleges now in existence (3).....	99	13	12	2	2	†	128
— — in the United States.....	87	13	12	2	2		116
— — in Canada.....	12						12
Total number whose Diplomas, of the session of 1883-84, have been presented to the ILLINOIS STATE BOARD OF HEALTH in the United States.....	37	7	2	1			47
— — in the United States.....	34	7	2	1			44
— — in Canada.....	3						3
Total number whose Diplomas, of the session of 1883-84, have been accepted un- conditionally (4).....	20	4	2				26
— — — — — accepted conditionally (5)	17	3		1			21

\*"Miscellaneous" includes botanic, hygeo-therapeutic, etc., and mixed schools, or those claiming the appellation *regular*, but teaching the homeopathic and eclectic systems of materia medica and therapeutics.

†The bogus "Boston Bellevue" can not be classed as a *College* in this Table.

## Summary of Institutions and Students—Continued.

	Regular.....	Homeopathic..	Eclectic.....	Physio-Med...	Miscellaneous	Fraudulent...	Totals.....
I. INSTITUTIONS.							
Total number of Colleges formerly exacting an educational requirement as a condition of matriculation (6).....	41	4					45
— — — — now exacting such educational requirement (6).....	79	13	7	2	1		102
Total number formerly requiring attendance on three or more courses of lectures before graduation (6).....	21	1					22
— — — — now requiring such attendance (6).....	31	4					35
Total number formerly recommending and providing, but not requiring, three or more courses before graduation (6).....	43	7	2	1			53
— — — — now recommending and providing for, but not exacting, three or more courses (6).....	45	7	3	1			56
Total number formerly having chairs of hygiene (6).....	32	7	3				42
— — — — now having chairs of hygiene (6).....	63	8	7	2			80
Total number formerly having chairs of medical jurisprudence (6).....	49	8	4				61
— — — — now having chairs of medical jurisprudence (6).....	67	10	11	2	2		92
Total number requiring a thesis as a condition of graduation.....	34	5	5				44
Total number of Colleges for women only.....	6	1					7
— — — — in the United States.....	4	1					5
— — — — in Canada.....	2						2
Total number of Colleges for both sexes (4).....	23	8	8	2			41
Total number of Colleges for colored students only (4).....	3						3
— — — — for both white and colored students (4).....	1						1

NOTES.—1) "Total number of Institutions," includes five (5) examining and licensing bodies which do not give instruction; and four (4) schools which do not confer degrees. 2) "Prior to the session of 1883-4," refers to the status of colleges before the adoption and publication of the Schedule of Minimum Requirements of the ILLINOIS STATE BOARD OF HEALTH. 3) "Total number of Colleges" does not include those specified in Note 1. 4) "Accepted unconditionally"—as having conformed to the Schedule of Minimum Requirements. 5) "Accepted conditionally"—that is, after an examination of the applicant in the branches or subjects of the Schedule omitted by the college. 6) "Formerly" and "now" have reference respectively to the periods before and since the enforcement of the Schedule of Minimum Requirements, namely, the close of the session of 1882-83.

## Summary of Institutions and Students—Continued.

II. STUDENTS.	Regular...	Homeop...	Electic...	Phys.-Med.	Miscell...	Totals and Percentages...
Total number of Matriculates—session of 1881-82 .....	10,752	1,162	946	60	.....	12,920
— — — — — session of 1882-83 .....	10,903	1,204	909	52	.....	13,086
— — — — — session of 1883-84 .....	10,858	1,105	738	52	.....	12,779
— — — — — in the United States—1881-82 .....	10,157	1,162	916	60	.....	12,325
— — — — — 1882-83 .....	10,047	1,204	909	52	.....	12,230
— — — — — 1883-84 .....	10,092	1,105	738	52	.....	12,013
— — — — — in Canada—1881-82 .....	595	.....	.....	.....	.....	595
— — — — — 1882-83 .....	856	.....	.....	.....	.....	856
— — — — — 1883-84 .....	766	.....	.....	.....	.....	766
Total number of Graduates—session of 1881-82 .....	3,853	368	319	22	.....	4,562
— — — — — session of 1882-83 .....	3,447	437	274	23	11	4,192
— — — — — session of 1883-84 .....	3,449	398	227	17	13	4,104
— — — — — in the United States—1881-82 .....	3,772	368	319	22	.....	4,481
— — — — — 1882-83 .....	3,283	437	274	23	11	4,028
— — — — — 1883-84 .....	3,296	398	227	17	13	3,951
— — — — — in Canada—1881-82 .....	81	.....	.....	.....	.....	81
— — — — — 1882-83 .....	164	.....	.....	.....	.....	164
— — — — — 1883-84 .....	153	.....	.....	.....	.....	153
Percentages of Graduates to Matriculates—1881-82 .....	.....	.....	.....	.....	.....	33.5
— — — — — 1882-83 .....	31.6	36.2	30.1	44.2	.....	32.0
— — — — — 1883-84 .....	31.7	36.0	30.7	32.6	.....	32.1
— — — — — in the United States—1881-82 .....	34.6	.....	.....	.....	.....	34.6
— — — — — 1882-83 .....	32.6	36.2	30.1	44.2	.....	32.9
— — — — — 1883-84 .....	32.8	36.0	30.7	32.6	.....	33.0
— — — — — in Canada—1881-82 .....	14.6	.....	.....	.....	.....	14.6
— — — — — 1882-83 .....	19.1	.....	.....	.....	.....	19.1
— — — — — 1883-84 .....	19.9	.....	.....	.....	.....	19.9
Highest percent. of Graduates, by States, in U.S.—1881-82 .....	.....	.....	.....	.....	.....	57.1
— — — — — 1882-83 .....	44.4	43.5	58.3	46.1	.....	48.1
— — — — — 1883-84 .....	51.1	48.6	43.6	33.3	.....	44.1
— — — — — in Canada—1881-82 .....	23.0	.....	.....	.....	.....	23.0
— — — — — 1882-83 .....	23.0	.....	.....	.....	.....	23.0
— — — — — 1883-84 .....	19.9	.....	.....	.....	.....	19.9
Lowest percent. of Graduates, by States, in U.S.—1881-82 .....	.....	.....	.....	.....	.....	29.0
— — — — — 1882-83 .....	12.5	26.8	28.4	33.3	.....	25.2
— — — — — 1883-84 .....	14.0	21.4	23.0	6.2	.....	16.1
— — — — — in Canada—1881-82 .....	2.6	.....	.....	.....	.....	2.6
— — — — — 1882-83 .....	7.3	.....	.....	.....	.....	7.3
— — — — — 1883-84 .....	19.9	.....	.....	.....	.....	19.9
Highest percent. of Graduates, by individual Colleges, in the United States—1881-82 .....	59.0	65.0	58.0	40.0	.....	55.5
Highest percent. of Graduates, by individual Colleges, in the United States—1882-83 .....	58.0	50.9	58.3	46.1	.....	52.8
Highest percent. of Graduates, by individual Colleges, in the United States—1883-84 .....	65.8	48.7	43.6	33.3	.....	47.8
Highest percent. of Graduates, by individual Colleges, in Canada—1881-82 .....	20.7	.....	.....	.....	.....	20.7
Highest percent. of Graduates, by individual Colleges, in Canada—1882-83 .....	23.0	.....	.....	.....	.....	23.0
Highest percent. of Graduates, by individual Colleges, in Canada—1883-84 .....	27.6	.....	.....	.....	.....	27.6

Summary of Institutions and Students—Continued.

II. STUDENTS.		Regular....	Homeop....	Eclectic....	Phys.-Med.	Miscell.....	Totals and Percent-Ages.....
Lowest percent. of Graduates, by individual Colleges, in the United States—1881-82		9.6	20.0	33.0	33.3	.....	24.0
Lowest percent. of Graduates, by individual Colleges, in the United States—1882-83		5.2	27.0	28.2	33.3	.....	23.4
Lowest percent. of Graduates, by individual Colleges, in the United States—1883-84		13.6	18.1	19.7	32.2	.....	20.9
Lowest percent. of Graduates, by individual Colleges, in Canada—1881-82		2.7	.....	.....	.....	.....	2.7
Lowest percent. of Graduates, by individual Colleges, in Canada—1882-83		6.6	.....	.....	.....	.....	6.6
Lowest percent. of Graduates, by individual Colleges, in Canada—1883-84		13.3	.....	.....	.....	.....	13.3

III. DURATION OF LECTURE-TERM.

Schools.	Sessions.	Weeks.																	Totals.....					
		16	17	18	19	20	21	22	23	24	25	26	27	28	30	31	32	33		34	35	36	38	39
Regular.....	1883-4	3	1	1	..	11	9	15	3	9	5	23	1	3	3	2	1	..	1	2	..	3	3	99
	1882-3	2	2	..	2	9	21	8	6	9	12	1	..	3	2	1	1	1	4	1	1	1	2	98
Homeopathic.....	1883-4	..	..	..	..	3	3	2	1	1	..	1	..	..	..	..	..	1	..	..	..	..	1	13
	1882-3	..	..	..	..	2	..	3	2	2	..	1	..	..	..	..	..	..	1	..	..	..	..	11
Eclectic.....	1883-4	..	..	..	..	5	2	..	..	1	..	3	1	..	..	..	..	..	..	..	..	..	..	12
	1882-3	1	..	..	..	6	4	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	13
Physio-Medical.....	1883-4	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	1882-3	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Miscellaneous.....	1883-4	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
	1882-3	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2
Totals.....	1883-4	3	1	1	..	19	15	19	4	12	5	27	2	3	3	2	1	..	2	2	..	3	4	128
	1882-3	4	2	..	2	17	26	12	8	12	1	24	1	..	3	2	1	1	4	2	1	1	2	126

	Weeks.
Average duration of lecture-term, 1883-84	24.5
Average duration of lecture-term, 1882-83	23.5
Average duration of lecture-term—regular—1883-84	24.8
1882-83	24.4
Average duration of lecture-term—homeopathic—1883-84	24.0
1882-83	23.7
Average duration of lecture-term—eclectic—1883-84	23.5
1882-83	22.5
Average duration of lecture-term—physio-medical—1883-84	22.5
1882-83	22.5
Average duration of lecture-term—miscellaneous—1883-84	22.0
1882-83	19.0

	Session of 1883-84	1882-83
Number of schools having terms of five (5) months or over	104	101
Number of schools having terms of six (6) months or over	49	42

THE following tables show the number of matriculates and of graduates, by schools of practice, in attendance at the medical colleges of each State and of the Dominion of Canada, during the last seven sessions—1877-78 to 1883-84, inclusive. The percentages of graduates to matriculates, by schools of practice, are also given. For the sessions of 1882-83 and 1883-84, these are so grouped, in the next table, as to afford a ready means of comparison.

I—MATRICULATES AND GRADUATES IN EACH STATE, 1877-78 TO 1883-4, INCLUSIVE.

States.	Schools.	Classes.	SESSIONS.							Totals .....	Percent.
			1877-8	1878-9	1879-80	1880-1	1881-2	1882-3	1883-4		
Alabama .....	Regular.	Matr's .. Grad's ..	..... 18	..... 18	..... 20	..... 22	..... 21	47 16	75 12	122 127	22.1
Arkansas.....	Regular.	Matr's .. Grad's ..	..... .....	..... .....	22 1	32 10	36 5	32 4	28 13	150 33	22.0
California.....	Regular.	Matr's .. Grad's ..	65 37	58 28	42 18	120 25	126 27	146 30	123 31	680 196	28.8
	Eclectic.	Matr's .. Grad's ..	..... .....	..... .....	48 13	31 11	25 10	32 11	30 9	166 54	32.5
Canada.....	Regular.	Matr's .. Grad's ..	351 64	434 107	423 96	535 103	662 105	856 164	766 153	4,027 792	19.6
Colorado.....	Regular.	Matr's .. Grad's ..	..... .....	..... .....	..... .....	..... .....	15 5	21 5	30 5	66 15	22.7
Connecticut..	Regular.	Matr's .. Grad's ..	58 10	60 16	32 12	26 10	21 2	32 7	43 7	272 64	23.5
Dist. Columbia	Regular.	Matr's .. Grad's ..	119 19	123 27	141 34	168 23	173 31	193 45	202 43	1,119 222	19.8
Florida*.....	Misc....	Matr's .. Grad's ..	..... .....	..... .....	..... .....	..... .....	..... .....	..... .....	7 4	7 4	57.1
Georgia.....	Regular.	Matr's .. Grad's ..	88 23	125 34	165 51	198 69	261 116	230 76	285 112	1,352 481	35.5
	Eclectic.	Matr's .. Grad's ..	..... .....	..... .....	..... .....	..... .....	81 24	67 18	62 17	210 59	28.1
Illinois.....	Regular.	Matr's .. Grad's ..	564 185	555 164	705 195	788 234	821 247	923 295	815 284	5,171 1,604	31. +
	Homeo..	Matr's .. Grad's ..	272 119	307 98	291 107	282 125	392 146	422 174	393 152	2,359 921	39. +
	Eclectic.	Matr's .. Grad's ..	139 65	106 29	123 37	127 51	113 38	147 52	159 50	914 322	35.2

\*The first session of a miscellaneous or "mixed" school—see page 18 of the CONSPECTUS.

*Matriculates and Graduates—Continued.*

States.	Schools.	Classes.	SESSIONS.							Totals .....	Percent.
			1877-8	1878-9	1879-80	1880-1.	1881-2.	1882-3.	1883-4.		
Indiana.....	Regular.	Matr's... Grad's ..	37 21	179 80	249 77	286 106	251 95	227 101	145 72	1,374 552	40.2
	Ph-Med.	Matr's... Grad's ..	19 8	15 7	15 8	20 10	24 10	21 11	40 7	140 61	43.5
	Eclectic.	Matr's... Grad's ..	..... .....	..... .....	..... .....	37 12	19 11	24 7	31 10	101 40	39.6
Iowa.....	Regular.	Matr's... Grad's ..	82 19	293 96	392 139	415 152	424 172	292 89	282 104	2,180 771	55.3
	Homeo..	Matr's... Grad's ..	18 1	32 3	47 9	60 16	46 15	44 12	35 12	282 68	24.1
	Eclectic.	Matr's... Grad's ..	..... .....	..... .....	..... .....	..... .....	25 7	38 8	65 16	128 31	24.2
Kentucky.....	Regular.	Matr's... Grad's ..	413 168	433 169	604 232	513 228	513 241	672 231	680 246	3,828 1,505	39.3
Louisiana....	Regular.	Matr's... Grad's ..	..... .....	..... .....	..... .....	204 41	220 56	212 73	212 70	848 240	28.3
Maine.....	Regular.	Matr's... Grad's ..	94 25	99 31	105 22	115 30	104 28	94 28	99 33	710 197	27.7
	Eclectic.	Matr's... Grad's ..	..... .....	..... .....	..... .....	..... .....	23 3	38 14	24 7	85 24	28.2
Maryland....	Regular.	Matr's... Grad's ..	165 65	211 80	336 110	328 143	392 175	392 129	638 220	2,462 922	37.4
Mass.....	Regular.	Matr's... Grad's ..	227 47	253 70	263 45	275 60	282 88	263 84	287 65	1,850 459	23.7
	Homeo..	Matr's... Grad's ..	169 43	149 35	127 35	110 26	110 29	109 30	97 34	871 232	25.8
Michigan.....	Regular.	Matr's... Grad's ..	296 98	329 104	468 118	380 127	500 121	479 158	474 137	2,926 863	29.4
	Homeo..	Matr's... Grad's ..	73 22	63 25	70 18	88 23	71 15	57 17	55 20	477 140	29.3
Minnesota....	Regular.	Matr's... Grad's ..	..... .....	..... .....	..... .....	..... .....	25 5	58 4	50 7	133 16	12. +

## Matriculates and Graduates—Continued.

States.	Schools.	Classes.	SESSIONS.							Totals .....	Percent.
			1877-8.	1878-9.	1879-80	1880-1.	1881-2.	1882-3.	1883-4.		
Missouri.....	Regular.	Matr's...	473	462	569	604	628	598	613	3,947	36.2
		Grad's..	161	159	192	226	250	230	212	1,430	
	Homeo..	Matr's...	.....	.....	.....	.....	.....	41	39	80	37.5
		Grad's..	.....	.....	.....	.....	.....	11	19	30	
Eclectic.	Matr's...	120	66	95	66	118	114	65	644	42. +	
	Grad's..	78	36	42	22	40	38	15	271		
Mixed*..	atr's...	.....	.....	.....	.....	.....	18	19	37	54. +	
	Grad's..	.....	.....	.....	.....	.....	11	9	20		
Nebraska.....	Regular.	Matr's...	.....	.....	.....	.....	33	30	35	98	24.4
		Grad's..	.....	.....	.....	.....	8	9	7	24	
	Homeo..	Matr's...	.....	.....	.....	.....	.....	.....	14	14	21.4
Grad's..		.....	.....	.....	.....	.....	.....	3	3		
Eclectic.	Matr's...	.....	.....	.....	.....	.....	.....	16	16	6.1	
	Grad's..	.....	.....	.....	.....	.....	.....	1	1		
New Hampshire.	Regular.	Matr's... Grad's..	87 30	88 23	80 26	78 29	91 43	76 28	80 40	580 219	37.7
New York.....	Regular.	Matr's...	1,732	1,933	2,142	2,209	2,197	2,146	1,990	14,349	30.8
		Grad's..	539	601	629	642	792	646	580	4,429	
	Homeo..	Matr's...	152	152	157	199	187	187	178	1,212	27.9
Grad's..		38	40	40	59	46	55	61	339		
Eclectic.	Matr's...	107	138	172	249	270	224	96	1,256	24.2	
	Grad's..	26	24	32	64	86	62	19	313		
No. Carolina..	Regular.	Matr's...	.....	.....	.....	.....	11	11	12	34	.....
Ohio.....	Regular.	Matr's...	779	401	910	566	933	924	816	5,329	36.5
		Grad's..	285	166	310	197	390	319	282	1,949	
	Homeo..	Matr's...	106	108	130	219	208	197	156	1,124	34.4
		Grad's..	74	54	47	67	60	86	56	444	
Eclectic.	Matr's...	267	209	243	316	272	225	190	1,722	35.2	
	Grad's..	121	74	50	114	100	64	83	606		
Ph-Med.	Matr's...	37	33	35	34	36	26	31	232	33.6	
	Grad's..	14	7	12	11	12	12	10	78		
Oregon.....	Regular.	Matr's... Grad's..	25 7	32 8	27 6	31 13	29 9	28 10	24 10	196 63	32.1

\* "Mixed"—in the sense of claiming to teach the regular, homeopathic and eclectic systems of materia medica and therapeutics simultaneously.

*Matriculates and Graduates—Continued.*

States.	Schools.	Classes.	SESSIONS.						Totals .....	Percent.	
			187-8	1878-9	1879-80	1880-1	1881-2	1882-3			1883-4
Pennsylvania.	Regular	Matr's... Grad's ..	1,103 347	1,059 367	1,095 325	1,153 340	1,135 391	1,088 376	1,168 348	7,801 2,434	31.2
	Homeo..	Matr's... Grad's ..	161 52	162 61	192 75	208 83	148 57	147 52	138 41	1,156 421	36.3
So. Carolina...	Regular.	Matr's... Grad's ..	60 17	71 20	74 23	77 21	56 19	61 18	80 20	479 138	28.8
Tennessee ....	Regular.	Matr's... Grad's ..	134 3	140 8	448 201	158 67	589 298	504 211	444 186	2,417 974	40.2
Vermont .....	Regular.	Matr's... Grad's ..	108 33	140 49	143 53	171 50	190 85	151 36	230 100	1,133 406	35.8
Virginia.....	Regular.	Matr's... Grad's ..	..... 17	..... 21	..... 12	57 13	34 25	117 25	132 50	340 163	33.4
TOTALS.....	Regular.	Matr's... Grad's ..	7,060 2,228	7,478 2,386	9,435 2,947	9,487 2,981	10,752 3,853	10,903 3,447	10,858 3,449	65,973 21,291	32.2
	Homeo..	Matr's... Grad's ..	951 349	973 316	1,014 331	1,166 399	1,162 368	1,204 437	1,105 398	7,575 2,598	34.2
	Eclectic.	Matr's... Grad's ..	633 290	519 163	681 174	816 274	946 319	909 274	738 227	5,242 1,721	32.8
	Ph-Med.	Matr's... Grad's ..	56 22	48 14	50 20	54 21	60 22	52 23	52 17	372 139	37.3
	Misc.....	Matr's... Grad's ..	..... .....	..... .....	..... .....	..... .....	..... .....	18 11	26 13	44 24	54.5
GRAND TOTALS	All schools	Matr's... Grad's ..	8,700 2,889	9,018 2,879	11,180 3,472	11,523 3,675	12,920 4,562	13,086 4,192	12,779 4,104	79,206 25,809	32.5

*Matriculates and Graduates—Continued.*

II.—MATRICULATES AND GRADUATES—SESSIONS OF 1883-84 AND 1882-83, COMPARED.

States.	Sessions	Students.	Regular.	Homeo....	Ecclectic..	Ph.-Med.	Totals and percent..
United States.....	1883-84	Matriculates....	10,092	1,105	738	52	12,013
		Graduates.....	3,292	398	227	17	3,947
		Percent.....	32.6	36.0	30.7	32.6	32.8
	1882-83	Matriculates....	10,047	1,204	909	52	12,230
		Graduates.....	3,283	437	274	23	4,028
		Percent.....	32.6	36.2	30.1	44.2	32.9
Canada.....	1883-84	Matriculates....	766	.....	.....	.....	766
		Graduates.....	153	.....	.....	.....	153
		Percent.....	19.9	.....	.....	.....	19.9
	1882-83	Matriculates....	856	.....	.....	.....	856
		Graduates.....	164	.....	.....	.....	164
		Percent.....	19.1	.....	.....	.....	19.1
Totals in both countries...	1883-84	Matriculates....	10,858	1,105	738	52	12,779
		Graduates.....	3,445	398	227	17	5,100
		Percent.....	31.7	36.0	30.7	32.6	32.1
	1882-83	Matriculates....	10,903	1,204	909	52	13,086
		Graduates.....	3,447	437	274	23	4,192
		Percent.....	31.6	36.2	30.1	44.2	32.0
Alabama.....	1883-84	Matriculates....	75	.....	.....	.....	75
		Graduates.....	12	.....	.....	.....	12
		Percent.....	16.0	.....	.....	.....	16.0
	1882-83	Matriculates....	47	.....	.....	.....	47
		Graduates.....	16	.....	.....	.....	16
		Percent.....	34+	.....	.....	.....	34+
Arkansas.....	1883-84	Matriculates....	28	.....	.....	.....	28
		Graduates.....	13	.....	.....	.....	13
		Percent.....	46.4	.....	.....	.....	46.4
	1882-83	Matriculates....	32	.....	.....	.....	32
		Graduates.....	4	.....	.....	.....	4
		Percent.....	12.5	.....	.....	.....	12.5
California.....	1883-84	Matriculates....	123	.....	30	.....	153
		Graduates.....	31	.....	9	.....	40
		Percent.....	25.2	.....	30.0	.....	26.1
	1882-83	Matriculates....	146	.....	32	.....	178
		Graduates.....	30	.....	11	.....	41
		Percent.....	20.5	.....	34.3	.....	23+

NOTE.—The "totals" for the sessions of 1883-84 include 26 matriculates and 13 graduates of miscellaneous or mixed schools. The "totals" for the sessions of 1882-83 include 18 matriculates and 11 graduates of miscellaneous or mixed schools.

*Matriculates and Graduates—Continued.*

States.	Sessions	Students.	Regular.	Homeo.	Eclectic.	Ph-Med.	Totals and percent.
Colorado .....	1883-84	Matriculates ...	30	.....	.....	.....	30
		Graduates .....	5	.....	.....	.....	5
		Percent .....	16.6	.....	.....	.....	16.6
	1882-83	Matriculates ...	21	.....	.....	.....	21
Graduates .....		5	.....	.....	.....	5	
Percent .....		23.8	.....	.....	.....	23.8	
Connecticut .....	1883-84	Matriculates ...	43	.....	.....	.....	43
		Graduates .....	7	.....	.....	.....	7
		Percent .....	16.2	.....	.....	.....	16.2
	1882-83	Matriculates ...	32	.....	.....	.....	32
Graduates .....		7	.....	.....	.....	7	
Percent .....		21.8	.....	.....	.....	21.8	
District of Columbia .....	1883-84	Matriculates ...	202	.....	.....	.....	202
		Graduates .....	43	.....	.....	.....	43
		Percent .....	21.2	.....	.....	.....	21.2
	1882-83	Matriculates ...	193	.....	.....	.....	193
Graduates .....		45	.....	.....	.....	45	
Percent .....		23.3	.....	.....	.....	23.3	
Florida* .....	1883-84	Matriculates ...	.....	.....	.....	.....	7
		Graduates .....	.....	.....	.....	.....	4
		Percent .....	.....	.....	.....	.....	57.1
Georgia .....	1883-84	Matriculates ...	285	.....	62	.....	347
		Graduates .....	112	.....	17	.....	129
		Percent .....	39.9	.....	27.4	.....	34.2
	1882-83	Matriculates ...	230	.....	67	.....	297
Graduates .....		76	.....	18	.....	94	
Percent .....		33+	.....	27-	.....	31.6	
Illinois .....	1883-84	Matriculates ...	815	393	159	.....	1,367
		Graduates .....	284	152	50	.....	486
		Percent .....	34.8	38.6	31.4	.....	35.5
	1882-83	Matriculates ..	923	422	147	.....	1,492
Graduates .....		295	174	52	.....	521	
Percent .....		31.9	41.2	35.3	.....	34.8	
Indiana .....	1883-84	Matriculates ...	145	.....	31	21	197
		Graduates .....	72	.....	10	7	89
		Percent .....	50-	.....	32.2	33.3	45.1
	1882-83	Matriculates ...	227	.....	24	26	277
Graduates .....		101	.....	7	11	119	
Percent .....		44.4	.....	29.1	42.3	32.8	

†The first term of a "mixed" school—see page 18 of the CONSPECTUS.

## Matriculates and Graduates—Continued.

States.	Sessions	Students.	Regular..	Homeo ...	Electic..	Ph-Med..	Totals and percent.
Iowa .....	1883-84	Matriculates ...	282	35	65	.....	382
		Graduates .....	104	12	16	.....	132
		Percent .....	36.8	34.2	24.6	.....	34.5
Iowa .....	1882-83	Matriculates ...	292	44	38	.....	374
		Graduates .....	89	12	8	.....	109
		Percent .....	30.4	27.2	42.1	.....	32.6
Kentucky .....	1883-84	Matriculates ...	680	.....	.....	.....	680
		Graduates .....	246	.....	.....	.....	246
		Percent .....	36.1	.....	.....	.....	36.1
Kentucky .....	1882-83	Matriculates ...	672	.....	.....	.....	672
		Graduates .....	231	.....	.....	.....	231
		Percent .....	34.3	.....	.....	.....	34.3
Louisiana .....	1883-84	Matriculates ...	212	.....	.....	.....	212
		Graduates .....	70	.....	.....	.....	70
		Percent .....	33.0	.....	.....	.....	33.0
Louisiana .....	1882-83	Matriculates ...	212	.....	.....	.....	212
		Graduates .....	73	.....	.....	.....	73
		Percent .....	34.4	.....	.....	.....	34.4
Maine .....	1883-84	Matriculates ...	99	.....	24	.....	123
		Graduates .....	33	.....	7	.....	40
		Percent .....	33.3	.....	29.1	.....	32.5
Maine .....	1882-83	Matriculates ...	94	.....	33	.....	132
		Graduates .....	28	.....	14	.....	42
		Percent .....	29.7	.....	36.8	.....	31.9
Maryland .....	1883-84	Matriculates ...	638	.....	.....	.....	638
		Graduates .....	220	.....	.....	.....	220
		Percent .....	34.4	.....	.....	.....	34.4
Maryland .....	1882-83	Matriculates ...	392	.....	.....	.....	392
		Graduates .....	129	.....	.....	.....	129
		Percent .....	32.8	.....	.....	.....	32.8
Massachusetts .....	1883-84	Matriculates ...	287	97	.....	.....	384
		Graduates .....	65	34	.....	.....	99
		Percent .....	22.6	35.0	.....	.....	25.7
Massachusetts .....	1882-83	Matriculates ...	263	109	.....	.....	372
		Graduates .....	84	30	.....	.....	114
		Percent .....	31.9	27.5	.....	.....	30.6
Michigan .....	1883-84	Matriculates ...	474	55	.....	.....	529
		Graduates .....	137	20	.....	.....	157
		Percent .....	28.9	36.3	.....	.....	29.6
Michigan .....	1882-83	Matriculates ...	479	57	.....	.....	536
		Graduates .....	158	17	.....	.....	175
		Percent .....	32.9	29.8	.....	.....	31.5

*Matriculates and Graduates—Continued.*

States.	Sessions	Students.	Regular..	Homeo..	Eclectic..	Ph-Med..	Totals and Percent..
Minnesota.....	1883-84	Matriculates.... Graduates..... Percent.....	50 7 14.0	..... ..... .....	..... ..... .....	..... ..... .....	50 7 14.0
	1882-83	Matriculates.... Graduates..... Percent.....	58 4 6.9	..... ..... .....	..... ..... .....	..... ..... .....	58 4 6.9
Missouri.....	1883-84	Matriculates.... Graduates..... Percent.....	613 212 34.5	39 19 48.6	65 15 23+	19 9 47.3	776 255 34.6
	1882-83	Matriculates.... Graduates..... Percent.....	598 230 38.4	41 11 26.8	114 38 33.3	18 11 61.1	771 290 37.6
Nebraska.....	1883-84	Matriculates.... Graduates..... Percent.....	35 7 20.0	14 3 21.4	16 1 6.2	..... ..... .....	65 11 16.9
	1882-83	Matriculates.... Graduates..... Percent.....	30 9 30.0	..... ..... .....	..... ..... .....	..... ..... .....	30 9 30.0
New Hampshire.....	1883-84	Matriculates.... Graduates..... Percent.....	80 40 50.0	..... ..... .....	..... ..... .....	..... ..... .....	80 40 50.0
	1882-83	Matriculates.... Graduates..... Percent.....	76 23 36.8	..... ..... .....	..... ..... .....	..... ..... .....	76 28 36.8
New York.....	1883-81	Matriculates.... Graduates..... Percent.....	1,990 581 29.1	178 61 34.2	96 19 19.7	..... ..... .....	2,264 660 29.1
	1882-83	Matriculates.... Graduates..... Percent.....	2,146 616 30.1	187 55 29.4	224 62 27.7	..... ..... .....	2,557 763 29.8
North Carolina.....	1883-84	Matriculates....	12	.....	.....	.....	12
	1882-83	Matriculates....	11	.....	.....	.....	11
Ohio.....	1883-84	Matriculates.... Graduates..... Percent.....	816 282 34.5	156 56 35.8	190 83 43.6	31 10 32.2	1,193 431 36.1
	1882-83	Matriculates.... Graduates..... Percent.....	924 319 34.5	197 86 43.5	225 64 28.4	26 12 46.1	1,372 481 35+

Matriculates and Graduates—Continued.

States.	Sessions	Students.	Regular..	Homeo.	Ecclectic..	Ph-Med...	Totals and Percent..
Oregon.....	1883-84	Matriculates....	24	.....	.....	.....	24
		Graduates.....	10	.....	.....	.....	10
		Percent.....	41.6	.....	.....	.....	41.6
	1882-83	Matriculates....	28	.....	.....	.....	28
		Graduates.....	10	.....	.....	.....	10
		Percent.....	35.7	.....	.....	.....	35.7
Pennsylvania.....	1883-84	Matriculates....	1,168	133	.....	.....	1,306
		Graduates.....	348	41	.....	.....	389
		Percent.....	29.7	29.7	.....	.....	29.7
	1882-83	Matriculates....	1,088	147	.....	.....	1,235
		Graduates.....	376	52	.....	.....	428
		Percent.....	34.5	35.3	.....	.....	34.6
South Carolina.....	1883-84	Matriculates....	80	.....	.....	.....	80
		Graduates.....	20	.....	.....	.....	20
		Percent.....	25.0	.....	.....	.....	25.0
	1882-83	Matriculates....	61	.....	.....	.....	61
		Graduates.....	18	.....	.....	.....	18
		Percent.....	29.5	.....	.....	.....	29.5
Tennessee.....	1883-84	Matriculates....	444	.....	.....	.....	444
		Graduates.....	186	.....	.....	.....	186
		Percent.....	41.8	.....	.....	.....	41.8
	1882-83	Matriculates....	504	.....	.....	.....	504
		Graduates.....	211	.....	.....	.....	211
		Percent.....	41.8	.....	.....	.....	41.8
Vermont.....	1883-84	Matriculates....	230	.....	.....	.....	230
		Graduates.....	100	.....	.....	.....	100
		Percent.....	43.4	.....	.....	.....	43.4
	1882-83	Matriculates....	151	.....	.....	.....	151
		Graduates.....	36	.....	.....	.....	36
		Percent.....	23.8	.....	.....	.....	23.8
Virginia.....	1883-84	Matriculates....	132	.....	.....	.....	132
		Graduates.....	50	.....	.....	.....	50
		Percent.....	37.8	.....	.....	.....	37.8
	1882-83	Matriculates....	117	.....	.....	.....	117
		Graduates.....	25	.....	.....	.....	25
		Percent.....	21.3	.....	.....	.....	21.3

## REVIEW OF PROGRESS IN MEDICAL EDUCATION.\*

In his recent report the Commissioner of Education, the Hon. JOHN EATON, takes occasion to say that, in view of the overcrowded state of the medical profession, the time has now come when the medical student pays to the medical college money for which he receives no calculable equivalent. He asks for bread and receives a stone. The really capable graduate is jostled, crowded, shouted down and trampled upon by a horde of unwieldy behemoths, who not only intercept most of the work that he only is able to do satisfactorily, but who supplement their scant incomes by arts and devices that his nature and training forbid him to join in. Having overcrowded all other departments of medical employment, many of these physicians, by the grace of a diploma, have lately taken up the work of opening and conducting medical colleges, much to the wrath and confusion of the older schools, who would dearly like to retain their monopoly of oversupplying the market with medical "spring chickens."

## INADEQUATE REQUIREMENTS FOR PRACTICING MEDICINE.

The position assumed by these older schools is exquisitely illogical; they do not like to establish effectual entrance examinations (which might force some candidates to defer the study of anatomy and chemistry until they had mastered the simpler mysteries of reading and writing) because they do not want "to limit the number of doctors by artificial regulations." This phrase, quoted from a recent address by a widely known and much respected medical teacher and author, teaches us that "artificial regulations" mean all rules or usages that may or can hinder any young white man from paying money twice over for the privilege of hearing the same course of lectures during two courses of instruction. The "regulations" that forbid the faculty from receiving the money of a white woman or that of a black man, we learn by inference, are not "artificial."

This same medical professor and author says that "the law of supply and demand will properly control the professional expansion." Assuming that this is true, let the same rule be applied to the schools that supply the human integers of "the professional expansion:" the establishments that do not try "to limit the number of doctors" by long, complicated, and difficult courses of study obviously should become the most frequented and best attended, because the law of prompt and cheap supply is as much an axiom as the one quoted by the learned professor and author. When, however, "the law of supply and demand" is thus supplied, the professor expresses his disapproval of the result in the following words:

Many of the new colleges which have sprung up so abundantly over the country have really no right to exist. They are unprovided with the materials for teaching, and the fees are insufficient to procure them; they have no hospitals or dispensaries to which they can resort for clinical instruction; the faculties are without reputation or experience; the building in which the college has its habitat is some temporary structure little suited to the purpose. The lectures are mere recitals of text books, which the student could better read for himself. \* \* \*

\* See pp. CLXV-CLXXXIX, *Report of the Commissioner of Education for the Year 1882-83*. Washington: 1884.

These medical schools get into such desperate pecuniary straits that they must employ every possible expedient to obtain students. One hears of personal solicitations, of promises, of sending out drammers to intercept students on the trains and at hotels, of practices in short which seem to touch at the lowest point of degradation. The "advantages" of these institutions, besides their proximity to the homes of students, are the low fees, or no fees at all, how high soever the nominal price, and the certainty that a diploma may be obtained on a minimum of attendance on lectures. Such institutions are, indeed, little more than "diploma mills." These medical shops hurt our position before the public immensely. They unite with the reputable medical schools to form a national association of medical colleges. After a time they put on a severely virtuous air, and are disposed to snub newer colleges organizing in their vicinity, stigmatizing them as unnecessary, crude, and inferior. Having thus acquired a quasi-position and assuming a tone of lofty pretension, they carry on a traffic in medical diplomas the profits of which enable them to maintain a baleful existence. The most beneficent reform which can now be undertaken is to close the doors of these institutions engaged in flooding the country with unqualified doctors.\*

Denunciations like the foregoing are of little value, for they accomplish nothing. When analyzed dispassionately they are reduced to complaints that newer competitors are underselling "the old and well known stands." Of course the customers at the cheaper shops will get an article of inferior quality; that also is a "law" of trade. Even if the respected professor could have his wish and he could "close the doors of these institutions engaged in flooding the country with unqualified doctors," the evil, so injurious to the profession at large and to the guild of higher-priced medical colleges in particular, would not be corrected. If the cheaper schools are closed their clients "will enter some diploma shop and secure such training as its meagre resources afford," together with the coveted diploma. In this direction there is no hope of relief. Gazing on the prospect before him, the professor can well adopt Satan's melancholy words:

In the lowest deep, a lower deep,  
Still threatening to devour me, opens wide.

Some medical schools and many medical educators have chosen a much better expedient: they have adopted a preliminary examination to test the would-be medical student's general intelligence and knowledge. Commissioner EATON is sorry to say that in several cases this preliminary test is a "humbug," but in most of the colleges that have adopted the expedient it has been applied in good faith. Into these schools a person styling himself in writing "a Nachural Practishuner"† can no longer enter for the purpose of being crammed with medical lore. There is little doubt that, either by general consent or the passing of State laws, it will not be many years before an entrance examination will be required of all persons desiring a medical training.

Another antiquated and obsolescent practice in American medical education is also doomed to an early death, to-wit: the practice of requiring less than the usual exertion in order to obtain a diploma from the man who, without previous lecture-courses, has dared to trifle with the lives and health of his fellow creatures during some "years of reputable practice," so called. Formerly it was quite common to offer a man of this kind a degree at the end of *one* course of lectures, while young men whose records and consciences were entirely clear of professional manslaughter were obliged to pay for *two* courses, exactly like each other in subject, length, and cost.

\*See the Maryland Medical Journal, vol. VIII, pp. 505-512.

†See the Boston Advertiser of July 1, 1882. Also pp. 39, 60 and 61, Abstract of Proceedings, *Sixth Annual Report*, ILLINOIS STATE BOARD OF HEALTH.

This practice of selling the same article twice is also falling into deserved disrepute, although still followed and defended by many flourishing medical schools and "demanded" by the large body of young men who always want to become physicians in the easiest way that is considered respectable. These clients crowd the amphitheatres of the schools alluded to, well knowing that, if public sentiment were once thoroughly informed as to their unwritten bargain with the schools they attend, such haste and imperfect preparation for their solemn responsibilities would not long be tolerated in a civilized community. Does this language seem harsh and ill-natured? Let us relieve its effect by quoting the following wise and witty remarks of Surgeon John S. Billings, U. S. A., at a recent medical college commencement:

Being unable, as I have just explained, to remember what was said to me by way of valedictory, and never having been present at a similar ceremony from that day to this, I thought it would be prudent to consult the literature of the subject and find out what is usually said upon such occasions. For this purpose I have examined about a hundred valedictory addresses, and have obtained from them a vast amount of instruction and some little amusement. From them I gather that this is an epoch in your lives, that you are entering a remarkable age of the world's history (it is customary here to allude to steam and electricity), that you live in the most wonderful country under the sun, and that the eyes of the world are upon you. All are agreed upon these points, and also as to the importance and dignity of the science and art of medicine and the necessity of continued study on your part to keep pace with its advances. But the addresses are not equally harmonious on all points. Some of them assert that the condition of medical education in this country is not altogether satisfactory; that there are some medical colleges (not, of course, the college of the graduates, but some other medical college) which might be spared; that there are too many doctors now and more coming, and that some of these not only have not as clear ideas about the precession of the equinoxes or the authorship of the book of Job as a member of one of the learned professions should have, but that there are even graduates in medicine (of other schools of course) to whom the addition of vulgar fractions is a stumbling block and correct spelling a vexation of spirit. On the other hand, I find some who assert, first, that the above statements are unfounded; second, that it is not necessary to know how to spell correctly in order to cure the chills or set a broken leg; and, third, that the demand for higher medical education is essentially a pernicious, aristocratic movement, calculated to oppress the poor and prevent them from obtaining the sheepskins so desirable to cover their nakedness. As, however, I am sure that all of you are just now strongly in favor of higher medical education (without regard to what you may have thought about it a few weeks ago, or what you may think about it a few years hence, when you get a little steam-batching machine of your own), I feel that I shall most contribute to the harmony which this occasion demands by—entirely agreeing with you.\*

#### NEED OF IMPROVED STANDARDS IN MEDICAL INSTRUCTION.

The more thoughtful and less self-seeking members of the medical profession unite with Dr. Billings in his desire for a higher and better medical training than has hitherto been common in America. The venerable American Medical Association has, almost since its foundation, tried to produce a better condition of sentiment on this subject in the profession, and learned committees of its members have reported at different times important recommendations. General EATON'S first annual report, fourteen years ago, contained an article on medical education as it was and as its writer, Charles Warren, M. D., thought it should be. Some of the recommendations in that paper have been almost literally carried out by the recent reforms instituted; others, which the Commissioner believes to be as useful and indispensable to both public and professional well-being, are not accomplished yet, but soon may be. The special form that reformed medical education should assume was pointed out in that article and it was recommended that the lecture courses be *graded* and extended through *three* years, preceded by an entrance examination and terminated by an examination conducted under the

\* The Medical News, March 18, 1882.

auspices of the State. When that article was published only two medical colleges in the country provided a graded course of lectures occupying three winter sessions, the Chicago Medical College and the Woman's Medical College of the New York Infirmary. Now, although the Chicago school has not yet made such a course compulsory, many others have done so under the leadership of the medical departments of Harvard University and of the University of Pennsylvania.

Harvard, for 1871-72, announced an extended and graded course of instruction. The University of Pennsylvania, laboring beside a formidable and vigorous rival school, was obliged to proceed more slowly: a university hospital was opened in 1874; three professors of the medical faculty and three lecturers appointed by that faculty, together with five professors appointed by the trustees, became the teaching staff of the hospital. April 4, 1876, four of the hospital teaching corps became permanent members of the medical faculty in the university. In 1877-78 a compulsory graded course of instruction comprised three lecture-courses, each five months long. Early in 1878 a generous woman endowed the university chair of surgery with a gift of \$50,000, and a like endowment of the other chairs in the medical faculty is progressing, so that in time the pay of the faculty will not depend on the size of the attending class or the number graduated. The entrance examination, still of a rudimentary character, was instituted in 1881. The lecture-term was lengthened from five to six months in 1882, and a further prolonging to seven months is announced for the session of 1883-84. Moreover, a fourth year of more advanced study, recommended and advised, but not as yet required, has been arranged to begin at the same time. The graded scheme has thus been tried for six annual sessions, at which the attendance of students has varied from 378 to 363, with an average of 367.5 per session. The graduates from 1878 to 1883, six years, have been 670, an average of 111.66 annually. For the six years before the adoption of the graded course the annual attendance was 388.33, and the average number of graduates was 108.33. Thus, while the university has substantially preserved its attendance, the quality, character and attainments of the students have improved immensely. The longer time, more thorough teaching, harder work and greater expense have attracted a better class of men, while frightening the superficial, the lazy, the badly prepared and the "crammers." The advance in general intelligence and education is very manifest, and the proportion of students possessing literary and scientific diplomas has doubled in six years.

Harvard, as already said, adopted an excellent scheme of three lecture-courses properly graded in 1871, and candidates for degrees were required to spend at least the last entire year under its instruction, besides passing the oral and written examinations in the studies of the two previous years. Of late, like the University of Pennsylvania, a graded course of four years has been provided and is strongly recommended by the faculty, though it is not yet obligatory. Men graduating in three years at Harvard receive the degree of M. D.; those who study the fourth year and pass the examination with credit receive the degree *cum laude*, and, on proper application to the university authorities, may also receive the degree of

M. A. Space is wanting here even to mention the numerous other schools of medicine that have obligatory or alternative graded courses of instruction.

The greatest security for the permanence of this improvement, the Commissioner believes, would be the endowment of the medical chairs with sums sufficiently large to afford, by investment, a decent income to the incumbents. He would not recommend paying an absolutely fixed sum per annum to university professors of any faculty, but would compensate them by a fixed minimum salary (which would prevent the professors' minds from being harassed and weakened by financial worry) and an additional amount, depending upon the number of students who should study in that faculty. The very great importance of endowing the medical chairs is well set forth by Dr. OLIVER WENDELL HOLMES in the following remarks :

Medical science is only a special province of biology, the science which deals with the laws of life. It borrows much from the other divisions of this great realm of knowledge. It levies contributions from other realms, from physics, from chemistry; it accepts a useful hint from whatever source it may come. A medical school has to teach much that is incidental to medical practice, but only in this way can it send forth fully-equipped practitioners. It begins with chemistry, anatomy, physiology, and thus prepares its students for study at the bedside and in the operating room. All this takes time and the coöperation of different experts, each of whom should be a master in his special department. There is a general tendency in this country to hurry through a student's medical education. Young men are impatient to be at work, and they will flock to a school which will give them a degree after a short period of study and a slight examination, which they are almost certain they can pass successfully. In this way great multitudes of practitioners are sent forth not thoroughly fitted for their work, and the community has to suffer the consequences. \* \* \*

A school which depends for existence on the number of its students cannot be expected to commit suicide in order to satisfy an ideal demand for perfection. Any institution which is essentially dependent on the number of paying students it can draw must be tempted to sacrifice its higher aims to popularity. No high standard can be reached under such circumstances, and the only way to insure the independent action of a school which aims at teaching the whole country by example is to endow its professorships so that the very best and highest grade of instruction, and not that which is popular because it is easy and superficial, may always be given from its chairs, whether the classes be large or small. A small number of thoroughly accomplished medical graduates, their knowledge based on sound scientific acquirements and made practical by assiduous clinical observation and teaching, will be worth more to the country than twice or thrice the number of half-taught, hastily-taught practitioners' A series of such classes will, in the course of a single generation, elevate the whole professional standard, as they go forth, year after year, missionaries in the cause of health, soldiers, and, if need be, martyrs, in the unending battle with disease and its cause.\*

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#### MEDICAL LICENSES AND THE CONTROL OF MEDICAL SCHOOLS.

Having reviewed some topics connected with the preliminary qualifications of persons desiring to study medicine and with the amount and method of the medical instruction demanded by the nature and conditions of our present life, General EATON passes to the consideration of the best way to license persons desiring to practice medicine, as follows: "The old and common way of allowing any one who chose to announce himself as a physician or surgeon is fast passing away. The later habit of being satisfied if the candidate for public favor could show his 'diploma' has been fatally injured by the labors of John Buchanan and other proprietors of medical 'steam-hatching machines.' The device of throwing the responsibility of licensing upon voluntary associations of physicians called 'medical societies' has succeeded only on the condition that homoeopaths, eclectics, etc., are not numerous or noisy enough to make an effective resistance. The State of Illinois seems to have solved

\*The Boston Medical and Surgical Journal, January 19, 1882.

the problem of protecting the public without assailing the right of personal medical judgment, by the establishment of its STATE BOARD OF HEALTH. This BOARD contains representatives of at least three systems of medical doctrine and practice and two lay members; its method of procedure has been to ascertain not what system or doctrine a candidate believes or wishes to practice, but whether he has studied the human body in health and disease and has investigated the action and results of medical interference with sufficient thoroughness to enable him to act understandingly when he uses a scalpel or administers a remedy. Under such a rule, it is obvious that men of inferior attainments will be forced to prosecute their studies till they have acquired a sufficient amount of knowledge to satisfy the requirements of the BOARD; that medical colleges in the State and surrounding commonwealths will be stimulated to increased exertions in order to prepare their students for the ordeal; and that quacks, pretenders and rascals will be gradually forced out of the State. Such have been the results; and if the BOARD had done nothing else for public health in Illinois it would deserve the gratitude and hearty support of every good citizen; its severer labors about questions of public hygiene, prevention of epidemics, and similar subjects, are additional reasons for public gratitude, but cannot here be discussed."

General EATON then passes to the questions respecting the regulation and control of medical colleges, and remarks that the experience of the last decade is enough to warn any sensible man of the dangers attending entire absence of public control over the conduct of these corporations. We have seen unscrupulous and infamous men unhapily in control of the charters of American medical schools, advertising and selling their wares in three continents, disgracing the profession of medicine, and soiling the reputation of the country which sheltered them. We have seen even the officers of justice conniving with these scoundrels to shield them from punishment for some of their guilty deeds. We have seen tardy justice at last overwhelm the most conspicuous of these offenders, the charters of his schools impeached and repealed, himself, a pretended suicide, fleeing from justice to a neighboring country, and even then and there finding dupes stupid enough or rascals vain enough to buy his worthless wares. We have seen him captured and inadequately punished for his long career of knavery by a short imprisonment. We have seen the short pause of bewilderment and dismay that overtook the diploma-selling industry at this blow succeeded by renewed activity in another State, the laws of which permitted them to hope that medical colleges might be chartered in sufficient numbers to supply the diploma market. We have seen the new crop of medical mushroom-sprouting up in the State of Massachusetts, while the law seems inadequate to deal with the offenders. The correction for this condition of affairs is quite evident, but it will be difficult to attain it at once.

For its remedy he recommends that every State and Territory, and Congress for the District of Columbia, should pass a law ordering every school teaching medicine or surgery in any fashion whatever to furnish unquestionable bonds or other like security for the speedy acquirement of a fund amounting to not less than \$300,000; the

laws should direct that this sum, as fast as any part of it is collected, shall be invested in United States bonds or productive real estate, or interest-bearing loans on real-estate security; the laws should also prescribe that the corporations so endowed shall distribute the income derived from such investment equitably between at least ten professors; that these professors shall teach, didactically or clinically, at least one hundred hours apiece in each calendar year, the instruction by each professor to be progressive in subject and character; that no students shall be admitted to these courses of medical instruction before passing a satisfactory examination in the elements of language, mathematics, physics, and biology; that no candidate shall be finally examined for degrees by a State board till they have studied three years, during each of which they must have studied at least one-third of the course of instruction provided by the ten professors and the thousand hours of teaching above mentioned, and, in addition, performed such an amount of dissecting, laboratory work and hospital attendance as the faculty shall deem necessary; two or more schools desiring to unite their forces under the provisions of the acts should be allowed to do so, retaining one of the charters and names already in existence if they choose, but surrendering the others; and all charters not thus fortified and regulated within two years after the passage of the acts should be declared null and void.

Under a law like this, any ten gentlemen who possessed a sufficient quantity of the public confidence could begin a new medical school whenever and wherever it was thought best; the public would be protected from charlatans; and medical students would have some assurance that the money and time they spent would be of some value to them afterwards. The plan is perfectly practicable; and it is absurd to say that it is unjust to vested interests, etc. The higher courts of New York found, a few years ago, that admission to the bar in that State had become so easy and that the number of young men desiring to become lawyers was so much in excess of the legal business and legitimate increase of the legal profession, that they must take measures to restrict the supply; and they did this by a pre-arranged order that only graduates of specified law schools should after a certain date be eligible for examination. The other law schools in the State promptly closed their doors, and the profession cheerfully upheld the courts in this wise, but certainly unusual, exercise of their authority in this matter. Medical men, unlike lawyers, are not, *ipso facto*, officers of a department of the State government; but they are, or should be, equally guarded by the State governments from the competition of incompetent men and from the injurious effects of over-production by the medical schools.

THE full text of General EATON'S report is well worth reading by every one interested in the status of the medical profession, alike as it concerns the welfare of the public and the individual members of that profession to which the public looks for the prevention and the limitation of disease.

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**CONSPECTUS**

OF THE

**MEDICAL COLLEGES OF AMERICA.**

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# CONSPLECTUS

OF THE

## MEDICAL COLLEGES OF AMERICA.

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EMBRACING the Titles: Locations: Addresses of Corresponding Officers: Organizations: Curricula of Study: Requirements for Admission and for Graduation: Fees: Numbers of Matriculates and of Graduates—of all Existing Medical Schools in the United States and Canada.

The Titles: Locations: Dates of Organization: Periods of Existence—of all Extinct Medical Schools in the United States and Canada.

Arranged Alphabetically as to States, and Chronologically as to Dates of Organization.

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### ALABAMA.

#### MEDICAL COLLEGE OF ALABAMA.

MOBILE, ALA. W. H. SANDERS, M. D., Secretary, 12 St. Joseph street.

ORGANIZED in 1859. Closed during the war and re-opened in 1868. There were no graduates during the years 1862-68, inclusive.

The faculty embraces ten professors, two adjunct professors, two lecturers, and two demonstrators.

COURSE OF INSTRUCTION: Lectures begin November 10, and continue five months, with a recess at Christmas. A preliminary course begins October 20.—Attendance on three annual lecture terms is recommended; provision for such graded course is made, and without cost as to lecture tickets for the third term.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and diseases of women and children, physical diagnosis and diseases of the chest, ophthalmology and otology, histology, hygiene, medical jurisprudence, clinical and genito-urinary surgery, and practical pharmacy. Weekly quizzes on anatomy and chemistry. Clinics at hospital and infirmary, and of out-door patients at the college.

REQUIREMENTS: For admission, none.

For graduation: 1) age, twenty-one years; 2) good moral character; 3) three years' study, 4) attendance on two full courses of lectures; 5) pass before the members of the faculty a satisfactory examination; 6) a thesis on some medical subject.

FEES: Matriculation (once), \$5.00. Lectures, including hospital, \$75.00. Dissecting, \$10.00. Graduation, \$25.00.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	—	18	—
1878-79	—	20	—
1879-80	—	20	—
1880-81	—	22	—
1881-82	—	21	—
1882-83	—	16	—
1883-84	75	12	16

Percentage of graduates to matriculates during the only session for which number of matriculates is reported, *sixteen*.

There were also in attendance at the last session 4 post-graduates, who are not included in the number of matriculates above given.

REMARKS: The last announcement, 1884-85, contains a complete list of the alumni of the college, numbering 364.

MEDICAL DEPARTMENT SOUTHERN UNIVERSITY.  
GREENSBORO, Ala.

ORGANIZED in 1872. Extinct; last session closed in 1880.

**ARKANSAS.**

MEDICAL DEPARTMENT, ARKANSAS INDUSTRIAL UNIVERSITY.  
LITTLE ROCK, Ark. R. G. JENNINGS, M. D., Secretary of the Faculty.

ORGANIZED in 1879. First class graduated in 1880. Classes have graduated each subsequent year.

The faculty embraces fourteen professors and lecturers, and a demonstrator.

COURSE OF INSTRUCTION: Lectures begin October 1, and continue twenty weeks.—“A voluntary graded course of three years has been established from the organization of this college,”—but “students who prefer to continue their studies on the repetitional system can do so.”

Lectures embrace practice of medicine, institutes and practice of surgery, obstetrics, diseases of women and children, general, descriptive and surgical anatomy, materia medica, therapeutics, hygiene, botany, institutes of medicine, clinical surgery, dermatology, medical chemistry, toxicology, ophthalmology, otology, genito-urinary diseases, physical diagnosis, “meteorology, etc.”

REQUIREMENTS: For admission, none.

For graduation: 1) age, twenty-one years; 2) good moral character; 3) “a satisfactory certificate of having pursued the study of medicine for at least three years;” 4) attendance on two full courses of lectures; 5) satisfactory examination; 6) thesis on some medical subject, or report of clinic.

FEES: Matriculation (paid once only), \$5.00. Lectures, \$50.00. Demonstrator, \$5.00. Hospital, \$5.00. Graduation, \$25.00.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	22	1	4.6
1880-81	32	10	31+
1881-82	36	5	14—
1882-83	32	4	12.5
1883-84	28*	13	46.4

☐ Average percentage of graduates to matriculates during the past five years, *twenty-two*.

REMARKS: Two years and nine months of study are accepted for the third requirement for graduation, as above quoted.

\*Not including one post-graduate

## CALIFORNIA.

## COOPER MEDICAL COLLEGE.

SAN FRANCISCO, Cal. HENRY GIBBONS, JR., M. D., Dean, 101 Dupont Street.

ORGANIZED in 1859 as the Medical Department of the University of the Pacific. Ceased to exist in 1864, but was revived in 1870, under the same name. In 1882 it became the Medical Department of the University College of San Francisco, and was given the specific designation of the Medical College of the Pacific. In 1882 the institution received its present name.—The first class was graduated in 1860. No classes were graduated in the years 1865-69, inclusive. A class was graduated in 1870 and in each subsequent year.

Faculty embraces twelve chairs, two adjuncts and a demonstrator of anatomy.

**COURSE OF INSTRUCTION:** Three annual courses of lectures are required to complete the curriculum. The regular course begins June 2, and ends November 1; the intermediate course begins January 14, and ends May 3.—During the first year the student attends all didactic lectures, but gives special attention to descriptive anatomy, physiology, chemistry, surgery and microscopy, and is examined in these branches at the end of the term. In the second year all lectures and clinics must be attended, and examinations in all branches are held at the close, those in descriptive anatomy, physiology and chemistry being final. All lectures and clinics must be attended during the third year, except lectures on chemistry and physiology, if examination in these has been successfully passed. Final examinations, written and oral, in the third year.

The principal branches taught are principles and practice of medicine; clinical medicine and diagnosis; surgery, surgical anatomy, clinical and operative surgery; descriptive and practical anatomy; microscopy and histology; pathology with practical illustrations; obstetrics, diseases of women and children; gynecology; theoretical and practical physiology; ophthalmology, otology, didactic and clinical; chemistry; toxicology; materia medica and therapeutics; hygiene; insanity; medical jurisprudence; physical diagnosis; laryngoscopy.

**REQUIREMENTS:** For admission, an examination in English composition, physics, arithmetic and Latin rudiments (declension of nouns and grammar.) Graduates of literary, scientific, medical, or pharmaceutical colleges or universities, in good standing, graduates of high schools, and applicants who have passed the examination for admission to any recognized literary college or university, or who hold first-grade certificates from any public school board, as properly qualified teachers, on producing proper evidence of the same, are admitted to matriculation without examination.

For graduation: 1) good moral character; 2) twenty-one years of age; 3) three regular courses of lectures; 4) two courses of clinical instruction; 5) one course of practical anatomy, dissecting the entire subject; 6) satisfactory thesis; 7) successful passing of all examinations.

**FEES:** Matriculation, \$5; lectures (three courses), \$260; demonstrator, \$10; graduation, \$40. A charge of \$25 is made for each intermediate course, which amount is credited upon the succeeding regular course fees.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877	65	26	40
1878	58	15	26—
1879	42	7	17—
1880	19	9	15+
1881	67	12	18
1882	83	19	22.9

Average percentage of graduates to matriculates during the six years, 1883 inclusive, *twenty-three.*

**REMARKS:** "While the adoption of a three years' course is a direct pecuniary disadvantage to the college, it is, nevertheless, a great satisfaction to have accomplished this result, as it has been the constant desire of the faculty to raise the standard of medical education, and to graduate capable rather than many students."

## MEDICAL DEPARTMENT UNIVERSITY OF CALIFORNIA.

*Toland Medical College.*

SAN FRANCISCO, Cal. ROBERT A. McLEAN, M. D., Dean, 603 Merchant Street.

ORGANIZED in 1863 as the Toland Medical College. Became connected with the University of California in 1872.

The faculty embraces eleven professors, one lecturer and one demonstrator.

**COURSE OF INSTRUCTION:** One reading term, and one regular term annually. The session begins February 1, and ends October 31. The course is graded and extends over three years. Students are expected to attend clinics regularly. Examinations are held daily and at the beginning of each session, to determine the progress of the student, his advancement depending on the result of such examination. These examinations are not final, as the examination for graduation includes all the subjects of the three-years' course.

**STUDIES:** First year—descriptive anatomy, general chemistry, physiology and materia medica. Second year—Theory and practice of medicine, theory and practice of surgery, principles of obstetrics, general and surgical anatomy, medical and physical chemistry, physiology of the nervous system and reproduction, therapeutics and pathology. Third year—Clinical medicine, clinical surgery, obstetrics, diseases of women, diseases of children, diseases of eye and ear, medical jurisprudence, hygiene and mental diseases.

**REQUIREMENTS:** For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three full years' study; 4) three regular courses of lectures; 5) successful passage on all subjects by written and oral examination; 6) practical anatomy during two sessions; 7) thesis.

**FEES:** Matriculation, \$5; demonstrator, \$10; first and second courses of lectures, \$130 each; third course, free; graduation, \$40.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1878	—	11	—
1879	—	13	—
1880	—	11	—
1881	61	16	26+
1882	59	15	25+
1883	61*	11	18+

Average percentage of graduates to matriculates, three years, 1880, 1881, 1882 and 1883, *twenty-three*.

**REMARKS:** In 1885 a matriculation examination will be required of all those not college graduates or matriculates in the following subjects: English grammar, arithmetic, geography, elementary chemistry. In 1886, and every year thereafter, this examination will also embrace algebra, physics and botany.

\*Not including two post-graduates.

#### CALIFORNIA MEDICAL COLLEGE (*Eclectic*).

OAKLAND, Cal. D. MACLEAN, M. D., Dean, 405 Powell Street.

ORGANIZED in 1879. The first class was graduated in 1880.

The faculty embraces nine professors, one adjunct professor, and a demonstrator.

**COURSE OF INSTRUCTION:** One intermediate and one regular course, annually. Regular term begins November 3, and continues six months. Three-years' graded course recommended, but not required.

Lectures embrace principles and practice of medicine, obstetrics, surgery, anatomy, surgical anatomy, physiology, materia medica, chemistry, clinical and operative surgery, clinical medicine, therapeutics, pathology, gynecology, medical jurisprudence, clinical midwifery, diseases of children, clinical diseases of women, clinical diseases of children, mental diseases, hygiene, ophthalmology, otology, clinical diseases of the eye and ear, toxicology, physical diagnosis, laryngoscopy, diseases of the heart and lungs, and nervous diseases. Clinics at hospital and dispensary.

**REQUIREMENTS:** For admission, 1) certificate of good moral standing; 2) diploma from a high school, college or university, or a thorough examination in the branches of a good English education, including mathematics, composition and elementary natural philosophy.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "such education as shall give him proper standing with the public and profession;" 4) three regular courses or two intermediate and two regular courses; 5) practical anatomy at least two sessions; 6) "satisfactory examination upon the essential points in the general practice of medicine;" 7) thesis.

**FEES:** Matriculation, \$5; lectures, \$120; demonstrator, \$10; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	48	13	27+
1880-81	31	11	35.5
1881-82	25	10	40.
1882-83	32	11	34.4
1883-84	30	9	30

Average percentage of graduates to matriculates, during five years, *thirty-three*.

HAHNEMANN MEDICAL COLLEGE OF SAN FRANCISCO (*Homeopathic*.)

SAN FRANCISCO, Cal. C. B. CURRIER, M. D., Dean, 427 Geary Street.

ORGANIZED in 1884. Faculty embraces eighteen professors.

**COURSE OF INSTRUCTION:** Graded, extending over three years. Term begins first Tuesday in June and continues five months; an intermediate term begins about February 4; duration not announced.

Lectures embrace, first year, anatomy, chemistry and pharmacy, materia medica, physiology, histology and minor surgery; second year, same as first with the addition of theory and practice, diseases of throat and chest, diseases of children, obstetrics, chemistry and toxicology, ophthalmology and otology, pathology and surgery; third year, materia medica and the studies proper of the second year continued, together with gynecology, dermatology and venereal diseases, and mental and nervous diseases.—Clinics at the homeopathic dispensary.

**REQUIREMENTS:** For admission, applicants "will be required to pass a satisfactory preliminary examination, or present documentary evidence of such qualification."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three full courses of lectures; 4) certificate of having dissected every region; 5) satisfactory examination in each department.

**FEES:** Matriculation (once) \$5; lectures (three courses) \$250; demonstrator, \$10; graduation, \$40.

## CANADA.

PRACTITIONERS of medicine in Canada must be registered, and the requirements demanded vary in different provinces. The possession of the degree of Doctor of Medicine, granted by a recognized university, entitles its holder to registration in all the provinces, except Ontario. The curriculum of studies required of a university, in order that its degrees may be registered, is set forth in the following sections of the Quebec Medical Act, and are applicable, with slight changes, to all the provinces:

§ 8. From and after the passing of this act, no person shall be admitted as a student of medicine, surgery or midwifery, unless he shall have obtained a certificate of qualification from the said Provincial Medical Board. And no one shall be entitled to the license of the college, on presentation of a diploma, unless he shall have been previously admitted to the study of medicine, in accordance with the provisions of this act, or unless he shall have passed an equivalent preliminary examination before a college, school or board, authorized by law to require and cause such preliminary examinations to be passed in Her Britannic Majesty's possessions, elsewhere than in the Province of Quebec, and acceptable to the board created by this act. \* \* \* The subjects of the preliminary qualifications to be English and French, Latin, geography, history, arithmetic, algebra, geometry, belles-lettres, and any one of the following subjects: Greek, natural or moral philosophy; and the candidates to present a certificate of good moral character.

§ 15. The qualifications to be required from a candidate for obtaining a license, authorizing him to practice medicine, surgery and midwifery, shall consist in his holding a certificate of study from a licensed physician, for the period intervening between the courses of lectures which he has followed; that he is not less than twenty-one years of age; that he has followed his studies during a period of not less than four years, commencing from the date of his admission to the study of medicine by this board, and that, during the said four years, he shall have attended, at some university, college or incorporated school of medicine within Her Majesty's dominions, not less than two six-months' courses of general or descriptive anatomy, of practical anatomy, of surgery, of practice of medicine, of midwifery, of chemistry, of materia medica and general therapeutics, of the institutes of medicine, of physiology and general pathology, of clinical medicine and of clinical surgery; one six-months' course or two three-months' courses, of medical jurisprudence and of hygiene; one three-months' course, of botany; one three-months' course, and a course of not less than twenty-five demonstrations, upon microscopic anatomy, physiology and pathology; also, that he shall have attended the general practice of a hospital in which are contained not less than fifty beds, under the charge of not less than two physicians or surgeons, for a period of not less than one year and a half, or three periods of not less than six months each; and that he shall also have attended six cases of labor, and compounded medicines for six months. And to remove all doubts with regard to the number of lectures which the incorporated schools of medicine of the Province of Quebec are bound to give, it is enacted and declared that each six-months' course shall consist of one hundred and twenty lectures, except in the case of clinical medicine, clinical surgery and medical jurisprudence. Of the four years' study required by this act, three six-months' sessions at least shall be passed in attendance upon lectures at a university, college or incorporated school of medicine recognized by this board, the first whereof shall be so passed the session immediately succeeding the preliminary examination, and the last during the fourth year of study, and the candidate shall undergo an examination, on the final subjects of the curriculum, at the end of the session in his fourth year of study.

It is optional in Quebec with the provincial board to accept or reject the degree of a university outside the province, and the test of an examination is sometimes imposed upon its holder.

In Ontario all, except registered practitioners of Great Britain, must pass an examination in the required branches before registration. The remainder of the provinces accept recognized university degrees without examination.

Graduates of United States medical schools, in order to register in a province of Canada, unless holding an academical degree, must 1) pass the matriculation examination; 2) attend a Canadian school one or more full winter courses, so as to complete the curriculum of the province; and 3) pass the professional examination.

Manitoba is an exception, the regulation there being as follows: "American students in medicine (meaning graduates of medical colleges in the United States) obtain a license by passing a practical examination satisfactory to the Board on the following subjects, viz.: Anatomy, physiology, theory and practice of medicine, surgery, midwifery and diseases of women and children, chemistry, materia medica and therapeutics, medical jurisprudence and toxicology." For this examination, and subsequent registration, a fee of \$100 is charged.

STUDENTS attending Canadian colleges, are subject to the following rules:

1. In the case of disorderly conduct any student may, at the discretion of the professor, be required to leave the class-room. Persistence in any offence against discipline, after admonition by the professor, shall be reported to the dean of the faculty. The dean may, at his discretion, reprimand the student, or refer the matter to the faculty at its next meeting, and may in the interval suspend from classes.

2. Absence from any number of lectures can only be excused by necessity or duty, of which proof must be given, when called for, to the faculty. The number of times of absence, from necessity or duty, that shall disqualify for the keeping of a session, shall in each case be determined by the faculty.

3. While in the college students are expected to conduct themselves in the same orderly manner as in the class-rooms,

4. When students are brought before the faculty under the above rules, the faculty may reprimand, impose fines, disqualify from competing for prizes and honors, suspend from classes, or expel from the college.

## Ontario.

### TORONTO SCHOOL OF MEDICINE.

(Affiliated with the *University of Toronto and the University of Victoria College.*)

TORONTO, Ont. H. H. WRIGHT, M. D., Secretary, corner Sherbourne and Gerrard Streets.

ORGANIZED in 1843. Degrees were first conferred upon its students by affiliated universities, in 1845. Degrees have been so conferred each subsequent year.

Faculty embraces twelve professors (lecturers), two adjunct professors and two demonstrators.

COURSE OF INSTRUCTION: Two sessions yearly; the winter term of 1884-85 beginning October 1, 1884; continues six months; the summer term opens April 27, 1885, and ends July 4. For curriculum of studies see section fifteen of Quebec Medical Act, quoted above.

REQUIREMENTS: "The school does not exact any requirements as to matriculation, etc., and does not grant degrees. These matters it leaves entirely to the two universities with which it is affiliated, and to the medical council. [OLDRIGHT.]

FEES: Lecture courses, each chair, \$12, excepting anatomy, descriptive and surgical, \$15; normal and pathological histology, each, \$8; medical jurisprudence and chemistry, each, \$6; and botany and hygiene, each, \$5; registration, payable only once, \$5; four optional studies, each, \$5; summer session, \$20.

### MEDICAL FACULTY OF TORONTO UNIVERSITY.

TORONTO, Ont.

ORGANIZED in 1849. Extinct since 1852.

### TRINITY MEDICAL SCHOOL.

*Affiliated with the University of Trinity College, the University of Toronto and the University of Manitoba.*

TORONTO, Ont. W. B. GEIKIE, M. D., C. M., Dean, 324 Jarvis Street.

ORGANIZED in 1850. The school confers the degree of "Fellow by Examination of Trinity Medical School," which is "in every respect the equivalent of M. B., M. D. or M. D., M. C., at Trinity College." [GEIKIE.]

The faculty embraces ten professors, one lecturer and two demonstrators.

COURSE OF INSTRUCTION: The winter session of 1884-85, beginning October 1, 1884, continues for six months; the summer session begins in April and ends the last of June. Four years' attendance is required for graduation.

Lectures embrace the principles and practice of medicine and surgery, materia medica, therapeutics, anatomy, obstetrics, diseases of women and children, chemistry, botany, sanitary science, medical jurisprudence, physiology, histology, pathology, ophthalmology, otology, laryngology. Three examinations are held during the course, viz: at the close of the first, second and fourth years.

**REQUIREMENTS:** Students are advised to pass the matriculation examinations of the Medical Council of Ontario, or those of the affiliated universities before entering; but are allowed to attend lectures without any examination, though none such can obtain a degree. Students not matriculated elsewhere, and who desire to take the Fellowship Diploma, are required to pass an examination on the following subjects: 1) writing and dictation; 2) English language, including grammar and composition; 3) arithmetic; 4) algebra, including simple equations, Latin, and either Greek, German, French or natural philosophy.

For graduation: a) a recognized matriculation examination; b) four years' pursuit of medical studies; c) attendance on at least two full courses of lectures during either three or four winter sessions, and d) satisfactory examination in all required branches.

**FEEs:** Registration, \$5; lecture courses, each chair, \$12, excepting practical anatomy, practical chemistry, normal and pathological histology, each, \$8; medical jurisprudence, \$6; hygiene and botany, each, \$5; examinations, \$15; summer session, \$20.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1878-79	137	35	25.5
1879-80	136	30	22+
1880-81	136	30	22+
1881-82	168	35	20.7
1882-83	205	38	18.5
1883-84	222	62	27.9

Average percentage of graduates to matriculates during the past six years, *twenty-three*.

**REMARKS:** The number of graduates given above includes, also, "men licensed by the Council."

## ROYAL COLLEGE OF PHYSICIANS AND SURGEONS.

*(Affiliated with Queen's University)*

KINGSTON, Ont. FIFE FOWLER, M. D., L. R. C. S., Edin., President of the Faculty.

ORGANIZED in 1854. First class graduated in 1855, and classes graduated in each subsequent year. Being separately incorporated, the college confers the diplomas of "Licentiate" and "Fellow." Its students obtain the degrees of M. D. and C. M., from the Queen's University, upon passing the required examination.

The faculty embraces twelve professors and two demonstrators.

**COURSE OF INSTRUCTION:** The winter session of 1884-85 began on the first Wednesday in October, 1884, and continues six months; the summer term begins on the first Monday in May. The course of study is graded, covering four years, and fulfills the requirements of the provincial board. See excerpt from Quebec Medical Act.

**REQUIREMENTS:** For admission: "Candidates for the degree of the university or the diploma of the college must pass a matriculation examination before they can enter any professional examination, in the following subjects: English language, grammar and composition, arithmetic, algebra, geometry, Latin and natural philosophy. Graduates and matriculates in arts from any recognized university and matriculates of the Provincial Board are exempt from this examination."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) thesis; 4) certificates of attendance on the full course of instruction, as above, for four years, excepting graduates in arts and those who have passed a full years' pupilage in the office of a medical practitioner, of whom only three years' study is required; 5) evidence of having compounded medicines for a period of six months; 6) evidence of having attended six cases of midwifery. For the Fellowship: 1) a degree in arts, or an equivalent examination; 2) evidence of having been engaged in the practice of the profession for five years.

**FEEs:** Registration (payable once only), \$5; tuition, per session, seven chairs, \$12 each; five chairs, \$6 each, and two chairs, \$4 each; practical anatomy, \$8; hospital, \$4. For graduation: diploma of licentiate, \$20; degree of M. D. and C. M., \$50; Fellowship of college, \$50; summer session, \$20.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	48	10	20.8
1878-79	—	14	—
1879-80	—	12	—
1880-81	68	15	22+
1881-82	—	16	—
1882-83	48	11	23—
1883-84	105	14	13.3

Average percentage of graduates to matriculates during the years 1877-78, 1880-81, 1882-83, 1883-84, *twenty-two*.

### MEDICAL DEPARTMENT OF THE WESTERN UNIVERSITY.

LONDON, Ont. W. J. MCGUIGAN, M. D., Registrar, 371 Dundas Street.

ORGANIZED in 1882. First class graduated in 1883.—Faculty embraces fifteen professors and two demonstrators of anatomy.

COURSE OF INSTRUCTION: One annual graduating session of six months' duration. The course is graded, extending over three sessions in different years.—Lectures embrace anatomy, physiology, obstetrics, diseases of women and children, chemistry, therapeutics, botany, nervous and mental diseases, principles and practice of medicine, surgery, histology, pathology, sanitary science, medical jurisprudence, toxicology.

REQUIREMENTS: For admission, (a) certificate of graduation or matriculation in any recognized British University; (b) certificate of having passed the provincial examination; (c) matriculation examination on English language, arithmetic, algebra, geometry, Latin, writing and dictation. Correct spelling and legible writing are imperative.

For graduation: 1) certificate of having passed a recognized matriculation examination; 2) four years' study; 3) three sessions of six months each upon anatomy, practical anatomy, practice of medicine, surgery, theoretical chemistry, midwifery, diseases of women and children, materia medica, therapeutics, physiology, clinical medicine, clinical surgery; 4) one six months' course on medical jurisprudence; one three months' course on botany; twenty-five lectures on chemistry and toxicology; twenty-five practical demonstrations on histology and pathology; twenty lectures on sanitary science; 5) attendance for at least eighteen months on the practice of some recognized hospital; 6) six months' attendance on the practice of a lying-in hospital, and charge of six cases of confinement; 7) compounded medicines for six months; 8) good moral character; 9) twenty-one years of age.

FEES: Matriculation, \$5; registration, \$2; six chairs, \$12 each; eight chairs, \$6 each, and three, \$5 each; practical anatomy, \$10; hospital, \$5. Graduation, \$25.

STUDENTS: Number of matriculates and graduates at each session reported, and percentage of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1882-3	15	1	6.6
1883-4	19	—	—

### WOMAN'S MEDICAL COLLEGE.

TORONTO, Ont. M. BARRETT, M. A., M. D., President, 204 Simcoe Street.

ORGANIZED in 1883. The college does not confer degrees, but is intended for "the education of ladies in the science and practice of medicine, so as to fit them to undergo the examinations of the College of Physicians and Surgeons of Ontario, which are required for the provincial license, and for degrees in medicine in the several universities."

The faculty embraces ten professors and a demonstrator.

COURSE OF INSTRUCTION: One annual lecture term of six months' duration, beginning on the first Wednesday in October. The course is graded, and extends through three years.

Lectures embrace the principles and practice of medicine and surgery, obstetrics, diseases of women and children, materia medica, botany, anatomy, microscopy, sanitary science, medical jurisprudence, toxicology, chemistry, ophthalmology and otology.

REQUIREMENTS: For admission, certificate of having passed the matriculation examination of the provincial board.

For graduation: 1) four years' study; 2) four courses of lectures of six months' duration; if a graduate in arts three courses; 3) two courses of six months each upon anatomy, dissection, physiology, histology, chemistry, materia medica, therapeutics, principles and practice of medicine and surgery, midwifery, diseases of women and children, and clinical medicine and surgery; one six months' course on medical jurisprudence; one course of three months upon practical chemistry, toxicology, botany, pathology and hygiene; 4) dissect the whole human body; 5) six months' practice in compounding medicines; 6) twenty-four months' attendance on hospital; 7) six cases of midwifery.

FEES: For eight chairs, including practical anatomy, \$12 each; normal histology, pathological histology, \$8 each; medical jurisprudence, practical chemistry, clinical medicine, \$6 each; sanitary science, botany, \$5 each. Registration, once only, \$5. Third course on any branch free.

## KINGSTON WOMEN'S MEDICAL COLLEGE.

(Affiliated with Queen's University.)

KINGSTON, Ont. M. LAVELL, M. D., President of the Faculty.

ORGANIZED in 1883. Degree of doctor of medicine conferred by Queen's University, upon passing the required examinations.

The faculty embraces eight professors, in addition to which two professors of Queen's College give instruction in chemistry and botany.

**COURSE OF INSTRUCTION:** The course of lectures, which will continue for six months each session, "will be equivalent in all respects to the ordinary winter course delivered in other medical colleges, and as such will be accepted in proceeding to the degree of M. D. in Queen's University."

Lectures embrace obstetrics and diseases of women and children; principles and practice of surgery; materia medica and therapeutics; medical jurisprudence and sanitary science; theory and practice of medicine; physiology and histology; anatomy, descriptive and surgical; chemistry; botany; practical anatomy; clinical surgery; clinical medicine.

**REQUIREMENTS:** "The requisites for graduation will in no sense differ from what is required for the other sex, and the facilities for study will be also the same.

"By the regulations of the University, the matriculation examination of the college may be passed at any time before undergoing examination for the degree. The Medical Council matriculation, which is the intermediate examination of the High Schools with Latin, will be accepted by the University."

**FEES:** Registration, once only, \$5; seven chairs, \$12 each; practical anatomy, \$8; five chairs, \$6 each; sanitary science and histology, \$4 each. Except in practical anatomy, chemistry and botany, the third and subsequent courses in any branch, free.

**STUDENTS:** Number of matriculates, session of 1883-84, 11; of graduates, 3. Percentage of graduates to matriculates, *twenty-seven*.

## MEDICAL DEPARTMENT OF VICTORIA COLLEGE.

(Also known as "Rolph's School.")

TORONTO, Ont.

ORGANIZED in 18— . Extinct since 1872.

**Quebec.**

## MEDICAL DEPARTMENT OF MCGILL UNIVERSITY.

MONTREAL, Que. R. PALMER HOWARD, M. D., Dean, 47 Union Avenue.

ORGANIZED in 1824 as the Montreal Medical Institution; became the Medical Department of McGill University in 1829. No class graduated during the Canadian Rebellion, 1837-40.

The faculty embraces thirteen professors, four demonstrators and two instructors.

**COURSE OF INSTRUCTION:** The complete course of study extends over four winter sessions of six months, and one summer session of three months in the third academic year. The collegiate year of 1884-85 began October 1, 1884, and the summer session will begin April 13, 1885.

At the end of the first year sessional examinations must be passed on anatomy, physiology, chemistry, materia medica, botany, practical anatomy.—At the end of the second year pass examinations on anatomy, practical anatomy, physiology, chemistry, practical chemistry, materia medica.—Third year, sessional examinations on medical jurisprudence with toxicology, hygiene, medicine, surgery, midwifery.—Fourth year, final pass examinations on medicine, surgery, midwifery, clinical medicine, clinical surgery, medical anatomy, surgical anatomy.

**REQUIREMENTS:** For admission. see section eight of the Quebec Medical Act.

For graduation. see section fifteen of the Quebec Medical Act.

**FEES:** For first year, \$67; for second year, \$92; for third year, \$87; for the fourth year, \$65; hospital, \$28; university matriculation, \$5; graduation, \$30; separate lecture course, \$5 to \$16.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	161	27	16+
1878-79	166	37	22+
1879-80	166	30	18+
1880-81	168	38	22.7
1881-82	154	27	17.5
1882-83	188	30	16—
1883-84	212	34	16+

Average percentage of graduates to matriculates during the past seven years, *eighteen*.

## ECOLE DE MEDICINE ET DE CHIRURGIE.

(Affiliated with the University of Victoria.)

MONTREAL, Que. THS. D'ODET D'ORSONNENS, M. D., President, 26½ rue Ste. Elizabeth.

ORGANIZED in 1843. Degrees were first conferred on its students in 1845. Degrees have been conferred each subsequent year.

The faculty embraces twelve professors, one lecturer and two demonstrators.

COURSE OF INSTRUCTION: One annual session of six months' duration, attendance upon which is compulsory. Students are not received after the first month. The complete course extends over three years of graded instruction with weekly quizzes.

Lectures embrace chemistry, pharmacy, toxicology, materia medica, therapeutics, diseases of women and children, physiology, pathology, principles and practice of medicine and surgery, medical jurisprudence, botany, hygiene, histology and ophthalmology.

REQUIREMENTS: For admission, see section eight of the Quebec Medical Act.

For graduation, see section fifteen of the Quebec Medical Act.

FEES: Matriculation, \$2; lectures, \$120; dissection, \$6; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	111	6	5.4
1882-83	—	33	—

REMARKS: No announcement for the session of 1884-85 has been received, nor has any information been vouchsafed in response to letters of inquiry.

## ST. LAWRENCE SCHOOL OF MEDICINE.

QUEBEC, Que.

ORGANIZED in 1851. Extinct, 1852.

## MEDICAL DEPARTMENTS OF LAVAL UNIVERSITY.

QUEBEC, Que. ARTHUR VALLEE, M. D., Secretary, 22 rue Ste. Anne.

MONTREAL, Que. E. P. LA CHAPPELLE, M. D., Secretary, 132 rue S. Laurent.

ORGANIZED in 1852. The department in Quebec is the successor of the Quebec School of Medicine, which was organized in 1848, and existed four years. The Department in Montreal is known as a "Succursale," and was organized in 1878. The first class was graduated in 1855, and a class has been graduated each year since.

The faculty embraces twenty-six chairs, thirteen in each school.

COURSE OF INSTRUCTION: One annual session of about thirty-five weeks' duration; attendance is compulsory; the course is graded and extends over four years.

Lectures are divided into two sections, primary and final. Primary—descriptive anatomy 240 lectures, practical anatomy 180 lectures, of two hours each, microscopical anatomy and histology 120 lectures, physiology 150 lectures, general pathology 80 lectures, hygiene 60 lectures, chemistry 240 lectures, botany 60 lectures; examinations at the end of this course. Final section includes materia medica and general therapeutics 240 lectures, surgical pathology and theoretical surgery 240 lectures, medical pathology and special therapeutics 240 lectures, toxicology 240 lectures, medical jurisprudence 60 lectures, toxicology 60 lectures, diseases of the eye and ear 60 lectures, practical operative surgery 40 lectures, clinical surgery 180 lectures, clinical medicine 180 lectures, clinical studies of the diseases of the eye and ear 60 lectures, clinical midwifery not less than six cases, clinical study of diseases of women and children; examinations at the end of this course.

REQUIREMENTS: For admission, see section eight of the Quebec Medical Act.

For graduation, see section fifteen of the Quebec Medical Act.

FEES: Annual fee, \$54; diploma, \$20.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	70	15	21.4
1878-79	65	9	13.8
1879-80	56	16	28.5
1880-81	97	13	13.5
1881-82	104	12	11.5
1882-83	117	26	22. +
1883-84	109	25	22.9

Average percentage of graduates to matriculates during the past seven years, *nineteen*.

## FACULTY OF MEDICINE, UNIVERSITY OF BISHOP'S COLLEGE.

MONTREAL, Que. F. W. CAMPBELL, A. M., M. D., D en, 10 Phillips Place, Beaver Hall.

ORGANIZED in 1870. The first class was graduated in 1871, and a class has been graduated each year since.

Faculty embraces thirteen professors, two lecturers, one demonstrator, and a curator.

COURSE OF INSTRUCTION: One annual session, extending during the present year from October 1, 1884, to the end of March, 1885. Four years' course recommended but not required. Course of study is graded and in the shorter three years' course is arranged as follows:—First session, materia medica, botany, anatomy, physiology, chemistry, obstetrics, surgery, dissections, hospital practice. Second session, anatomy, physiology, chemistry, materia medica, medicine, gynecology, hygiene, practical chemistry, practical histology, dissections, hospital practice, clinical lectures. Third session, medicine, surgery, pathology, obstetrics, gynecology, medical jurisprudence, hospital practice, and clinical lectures.

REQUIREMENTS: For admission, see section eight, Quebec Medical Act.

For graduation, see section fifteen, Quebec Medical Act

FEES: Registration each session, \$4; eight chairs, \$12 each; two, \$10 each; practical histology, \$16; four chairs, \$6; degrees (C. M., M. D.), \$20; registration of degree, \$5; hospitals, \$28.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	43	10	23+
1878-79	30	9	30
1879-80	28	6	21.4
1880-81	31	5	16+
1881-82	55	6	10.9
1882-83	34	3	8.8
1883-84	39	10	25.8

Average percentage of graduates to matriculates during the past seven years, *eighteen*.

**Nova Scotia.**

## HALIFAX MEDICAL COLLEGE.

HALIFAX, N. S. J. F. BLACK, M. D., Registrar, 49 Granville Street.

ORGANIZED in 1867, as the Medical Department of Dalhousie College; attained its present relation in 1876. First class graduated in 1872. Classes graduated in each subsequent year excepting 1873.

Faculty embraces eight professors, six lecturers and instructors, and two demonstrators.

COURSE OF INSTRUCTION: One annual graduating course of six months' duration. Three years' graded course required, four years' course recommended; daily examinations by the professors; a roll of students attending each class called from time to time.

Lectures embrace principles and practice of medicine, clinical medicine, obstetrics, gynecology, principles and practice of surgery, clinical surgery, physiology, anatomy, dermatology, botany, diseases of children, practical chemistry, materia medica, therapeutics, microscopy, pharmacy, medical jurisprudence, toxicology, insanity and public hygiene.

REQUIREMENTS: For admission: a) diploma of recognized university in arts; or b) matriculation examination on the following compulsory subjects: English language—including grammar, composition and writing from dictation; arithmetic—including vulgar and decimal fractions, and the extraction of the square root; algebra—to the end of simple equations; geometry—first three books of Euclid; Latin—one book, translation and grammar; elementary mechanics of solids and fluids; and one of the following optional subjects, viz: history of England, with questions in modern geography; French translation; German translation; one Greek book; history of Nova Scotia; history of the Dominion of Canada.

For graduation: 1) four years' study; 2) three full courses of lectures; 3) one three months' course in practical pharmacy, chemistry, botany and medical jurisprudence; 4) two six months' courses in other branches; 5) twelve months' attendance at a hospital; 6) three months' practice in dispensing drugs; 7) at least six cases of accouchment; 8) a certificate, from a registered practitioner, of "proficiency in the practice of vaccination;" 9) one course of practical anatomy; 10) thesis; 11) twenty-one years of age; 12) a general written and oral examination on all the branches of medical and surgical science; 13) a clinical examination in medicine and surgery conducted at the bedside, cases being submitted for diagnosis and treatment in the wards of the hospital. In estimating the standing of

candidates and the number of marks to be awarded, professors take into account regularity of attendance, and diligence and care evinced in reporting cases.

**FEES:** Registration, annual, \$2, or perpetual, \$5; matriculation examination, \$10; lectures, \$12 for each class, except practical anatomy, \$8, and medical jurisprudence, chemistry, pharmacy, microscopy, and botany, \$6 each; graduation, \$20; registration of diploma, \$1.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	29	2	6—
1878-79	36	3	8+
1879-80	37	2	5.4
1880-81	35	2	5.7
1881-82	37	1	2.7
1882-83	41	3	7+
1883-84	34	5	14.7

Average percentage of graduates to matriculates, *seven*.

## Manitoba.

### MANITOBA MEDICAL COLLEGE.

(Affiliated with the University of Manitoba.)

WINNIPEG, Ma. JAMES KERR, M. D., M. Ch., Dean of the Faculty.

**ORGANIZED** in 1883. The faculty embraces thirteen professors and one demonstrator. All fellowship degree is granted.

**COURSE OF INSTRUCTION:** One yearly session; that of 1884-85 began October 1, 1884 and will continue for six months.

For curriculum of study, see section fifteen of the Quebec Medical Act, above.

**REQUIREMENTS:** "Every student who desires to present himself for the Fellowship Diploma must have passed a recognized matriculation examination, and spent four years in pursuit of medical studies, and attended two full courses of lectures during either three or four winter sessions."

**FEES:** Registration, \$5; eight chairs, each, \$12; four chairs, each, \$6; two chairs, each, \$5; examinations, each, \$5.

**STUDENTS:** Number of matriculates during the session of 1883-84, as reported, 15.

## COLORADO.

### MEDICAL DEPARTMENT OF THE UNIVERSITY OF DENVER.

DENVER, Col., J. H. KIMBALL, M. D., Secretary, Steele Block.

**ORGANIZED** in 1881. First class graduated in 1882.

The faculty embraces fourteen professors, four lectures and a demonstrator.

Fourth annual session begins on the first Wednesday in October, 1884, and closes on the last Wednesday in March, 1885.

**COURSE OF INSTRUCTION:** "Is divided into three series, and extends over three consecutive and annual courses of lectures." The junior, or first-year course, embraces anatomy, physiology, histology, materia medica and general chemistry. Middle, or second-year course, embraces anatomy, physiology, principles and practice of medicine, principles and practice of surgery, obstetrics and diseases of children, general pathology and pathological anatomy, therapeutics, hygiene and medical chemistry. Senior, or third-year course, includes principles and practice of medicine and clinical medicine, principles and practice of surgery and clinical surgery, medical and surgical diseases of women and clinical gynecology, obstetrics, clinical obstetrics and diseases of children, ophthalmology and otology, microscopy, medical jurisprudence, diseases of the chest and climatology, laryngoscopy, physical diagnosis, nervous and mental diseases, and diseases of the genito-urinary organs.

**REQUIREMENTS:** For admission: "All applicants for admission as matriculates are expected to pass a thorough examination in English composition, writing, grammar, arithmetic, natural philosophy and rudiments of Latin; but applicants holding the degree of A. B., or a diploma from any high-school or a certificate of proficiency in the above named branches from a reputable teacher of such school, shall be considered sufficiently prepared, and such degree or certificate shall be received in lieu of an examination."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years study; 4) two full courses of lectures; 5) practical anatomy and chemistry for two sessions; 6) proficiency in diagnosis and therapeutics by practical demonstration on the living subject; 7) satisfactory examination in the seven principal branches of medical science.

**FEES:** Matriculation (payable once) \$5; lectures, \$75; laboratory (for advanced students) \$15; demonstrator, \$5; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	12	5	33+
1882-83	21	5	23.8
1883-84	22	5	22.7

Average percent. of graduates to matriculates, during the past three years, *twenty-six*.

**REMARKS:** "The preliminary examination of applicants, as to literary qualifications, will be held by the examining board of the faculty on the first Tuesday in October, and following days of that week."

"While the faculty earnestly recommend students to follow out the graded-course system, they do not make it obligatory for them to do so, and the hours of lectures in the different courses are so arranged that they do not conflict with each other."

### MEDICAL DEPARTMENT OF THE UNIVERSITY OF COLORADO.

BOULDER, Col. J. A. SEWALL, M. D., Dean of the Faculty.

**ORGANIZED** in 1883. The faculty embraces seven professors.

**COURSE OF INSTRUCTION:** Graded, and extends over a term of three years, with a session of nine months in each year.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, histology, ophthalmology, otology and botany.

**REQUIREMENTS:** For admission, a literary or scientific degree, a high-school diploma, or the candidate will be required to write, in the presence of the examiner, a satisfactory application for admission, containing an account of his educational opportunities and acquirements, and further undergo a thorough examination in the branches of a good English education, including mathematics and natural philosophy.

For graduation: 1) twenty-one years of age; 2) a good moral character; 3) oral and written examinations satisfactory to the faculty.

**FEES:** Matriculation, \$5; graduation and diploma, \$10; tuition free.

**STUDENTS:** Matriculates at the session of 1883-84, *eight*.

**REMARKS:** The three years' course is not obligatory, as the student is allowed to present himself for examination at the end of any collegiate year, which, being satisfactory, the degree of Doctor of Medicine will be given, provided, three years have been passed in study under a preceptor, with attendance on two full courses of lectures.

### CONNECTICUT.

#### MEDICAL DEPARTMENT OF YALE COLLEGE.

NEW HAVEN, Conn. CHARLES A. LINDSLEY, M. D., Dean of the Faculty.

**ORGANIZED** in 1810, as the Medical Institution of Yale College. In 1879 a new charter changed the title to the present reading.

The faculty embraces eight professors, seven lecturers, one demonstrator.

**COURSE OF INSTRUCTION:** Graded, extending through three years and consisting of three lecture terms annually, the first (of 11 weeks) beginning in October; the second (of 12 weeks) beginning in January; and the third (of 11 weeks) beginning in April.

Lectures embrace, in the first year, general chemistry, qualitative analysis; medical chemistry and toxicology; anatomy, dissections; normal histology; physiology. The second year, anatomy, dissections; physiology; pathology; materia medica and therapeutics; theory and practice of medicine; clinical medicine; obstetrics; surgery; clinical surgery. Third year, pathology; theory and practice of medicine; physical diagnosis; clinical medicine; surgery; clinical surgery; obstetrics; diseases of women and children; ophthalmology; medical jurisprudence; insanity; diseases of the throat and ear; nervous diseases; venereal diseases; diseases of the skin.

**REQUIREMENTS:** For admission, excepting graduates in medicine and those who have passed an examination for admission to Yale College or some similar institution, candidates must present a degree in letters or science from a recognized college or sci-

entific school or pass a written examination in mathematics (algebra to quadratics, two books of Euclid, metric system of weights and measures) and physics (Balfour Stewart's or any equivalent elementary work). These entrance examinations are also held, in Chicago, Cincinnati and San Francisco, on the Thursday following the June commencement. "Students not fully prepared are admitted on condition that the deficiency be made up within a reasonable time." Students of any recognized medical school, or of private preceptors in good standing, "may present themselves for examination three weeks before commencement and enter the examinations of the first one or two years, as they see fit"—the result of such examination determining their admission.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' medical study, "two of which must have been in a recognized medical college and the last of which must have been at this school;" and 4) pass the required examinations in all the studies of the three years' course satisfactorily to the board of examiners. This board consists of the faculty and an equal number of the members of the Connecticut State Medical Society.

FEES: Matriculation (paid once only), \$5; tuition for one year, \$125; for the third year to those who have paid for and attended two full courses, \$75; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1877-78	58	10	17+
1878-79	60	16	26.6
1879-80	32	12	37.5
1880-81	26	10	42+
1881-82	21	2	9.5
1882-83	32	7	21.9
1883-84	43	7	16.3

Average percentage of graduates to matriculates during the past seven years, *twenty-four*.

## DISTRICT OF COLUMBIA.

### NATIONAL MEDICAL COLLEGE, MEDICAL DEPARTMENT COLUMBIAN UNIVERSITY.

WASHINGTON, D. C. A. F. A. KING, M. D., 726 Thirteenth street.

ORGANIZED in 1821, as the Medical Department of Columbian College. It was also authorized to use the title of National Medical College. In 1873 Columbian College became Columbian University. The first class was graduated in 1822. Operations were suspended from 1834 to 1838, and from 1861 to 1863. With these exceptions, classes have been graduated each year since its founding.

The faculty embraces seven professors, one assistant and four demonstrators.

COURSE OF INSTRUCTION: The curriculum of study consists of three graded annual courses of lectures. The regular yearly term begins October 6, 1884, and ends March 1, 1885. A spring session is held during April and May.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, toxicology, medical jurisprudence, dermatology, ophthalmology and otology.

REQUIREMENTS: For admission: "Matriculates will be required to show that they are fitted, by previous education, for the study of medicine, and for this purpose they must either submit themselves to an examination, or in lieu thereof, present a satisfactory certificate of their attainments from some college, seminary or high school." Students who have attended one course in any other regular medical school are placed on the same footing as first-course students of this college, and those who have attended two courses are admitted to the third-year class after passing a satisfactory examination on anatomy, physiology, chemistry and materia medica.

For graduation: 1) three years' study; 2) twenty-one years of age; 3) good moral character; 4) attendance on three courses of lectures, and satisfactory examinations at the end of the second and third years; 5) dissection, at least two sessions; and 6) attendance on two courses of clinical instruction.

FEES: Matriculation (paid once only), \$5; lectures, \$100; examination, primary, \$20; final, \$10; demonstrator, \$10.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1877-78	53	6	11.3
1878-79	55	11	20.
1879-80	56	8	14.3
1880-81	44	5	11.3
1881-82	52	8	15.4
1882-83	79	10	12.6
1883-84	78	14	17.9

Average percent. of graduates to matriculates during the past seven years, *fifteen*.

MEDICAL DEPARTMENT OF THE UNIVERSITY OF GEORGETOWN.

WASHINGTON, D. C. J. W. H. LOVEJOY, M. D., Dean, No. 900 Twelfth street, N. W.

ORGANIZED in 1850. First class graduated in 1851; classes have been graduated each subsequent year since.

Faculty embraces seven professors, two clinical professors, two lecturers and a demonstrator.—Thirty-sixth annual session begins September 22, 1884, and ends April 25, 1885; recess from December 24, 1884, to January 4, 1885, inclusive.

COURSE OF INSTRUCTION: Graded, extending over three years, and consisting of didactic and clinical lectures, recitations, demonstrations, and of dissecting and other practical manipulation during about seven months of each year.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, laryngology, diseases of children, microscopy, toxicology. Class recitations are conducted by the members of the faculty, one hour every week being devoted to each branch; and at the close of each session class examinations are held upon the subjects of study of each of the three classes.

REQUIREMENTS: For admission, a written preliminary examination upon the ordinary branches of an English education, "for the purpose of ascertaining whether the candidate can profitably pursue the technical study of medicine, and of preventing those not qualified from wasting time and money." Graduates of colleges, high-schools and academies are exempt from this preliminary examination. Students having attended one term at other medical colleges in good standing will be admitted to the second course without passing the first class examination; and candidates presenting certificates of examination from other medical colleges in good standing are admitted to the respective higher classes without further examination.

For graduation: 1) good moral character; 2) twenty-one years of age; 3) not less than three years' study; 4) three full courses of instruction; 5) two courses of practical anatomy; 6) pass all examinations with required percentage (.65).

FEES: Matriculation, (paid but once,) \$5; full course of lectures, \$100; demonstrator, \$10

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	40	4	10
1878-79	38	6	16—
1879-80	54	13	24+
1880-81	43	5	11.6
1881-82	30	7	23.3
1882-83	27	4	15—
1883-84	34	7	20.5

Average percentage of graduates to matriculates during the past seven years, *seventeen.*

REMARKS: Attendance on recitations is obligatory; a record is kept and each student is credited at the end of the course.

MEDICAL DEPARTMENT OF HOWARD UNIVERSITY.

WASHINGTON, D. C. CHARLES B. PURVIS, M. D., Secretary, 113 Thirteenth Street

ORGANIZED in 1867. The first class graduated in 1871, and classes have been graduated each subsequent year.

The faculty embraces ten professors and two demonstrators.

COURSE OF INSTRUCTION: Comprises lectures, recitations, clinics and practical exercises. The annual course of lectures beginning October 6, 1884, continues five months. Three courses of lectures are required, to complete the curriculum. The student is allowed to devote his first term to anatomy, physiology, chemistry and materia medica, but the second must be given to all the subjects. The school has a summer session of eight weeks beginning in April.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, pharmacy and botany, microscopy, dental surgery and toxicology.

REQUIREMENTS: For admission: "Matriculates must be of good moral character, pass an examination in the ordinary English branches, and possess a sufficient knowledge of the Latin language to read and write prescriptions and understand medical terms."

For graduation: 1) twenty-one years of age; 2) three years' study, including three courses of lectures; 3) attended clinical lectures and dissections; 4) written and oral examination on required branches; 5) thesis on some subject of original observation.

FEES: Matriculation, \$10; demonstrator, \$5; incidental expenses, \$15; graduating, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	26	9	34+
18 8-79	30	10	33+
1879-80	31	13	42—
1881-81	81	13	16+
1881-82	91	16	17+
1882 83	87	31	35+
1883-84	90	22	24.4

Average percentage of graduates to matriculates, *twenty-six*.

#### MEDICAL DEPARTMENT OF THE NATIONAL UNIVERSITY.

WASHINGTON, D. C. H. H. BARKER, M. D., Dean, 1116 H Street, N. W.

ORGANIZED in 1884. The faculty consists of seven professors and one demonstrator.

COURSE OF INSTRUCTION: The first annual session began the first Monday of October, 1884, and will end the last Thursday in April, 1885. Instruction will be given by lectures, recitations, clinics and practical exercises. "It is deemed advisable to divide the course of studies into three years, advancing the student as he passes the required examination of his respective class." Students who have begun their professional studies elsewhere are admitted to advanced standing upon passing the necessary examination.

Lectures embrace: First year, anatomy, physiology, general chemistry and materia medica; Second year, practical and topographical anatomy, medical chemistry, materia medica and therapeutics, physiology, practice of medicine, surgery, and obstetrics; Third year, practice of medicine, pathological anatomy, surgery, obstetrics, and the diseases of women and children.

REQUIREMENTS: For admission, "All candidates must pass an examination in English, or present a certificate of proficiency in the same from some recognized institute of learning."

For graduation: 1) three years' study; 2) satisfactory examination in all the subjects of the three years' course, "the last of which must have been in this college"; 3) certificate of demonstrator that the necessary dissections of the human body have been made.

FEES: Matriculation (once), \$5; lectures, \$100; demonstrator, \$10.

### FLORIDA.

#### TALLAHASSEE COLLEGE OF MEDICINE AND SURGERY.

TALLAHASSEE, Fla. Prof. H. N. FELKEL, Cor. Sec. of the Florida University.

ORGANIZED in 1883. The faculty embraces eight professors and one demonstrator.

COURSE OF INSTRUCTION: One annual session, opens on the last Wednesday in October and closes on the first Wednesday in March of each year.

Lectures embrace anatomy, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, medical jurisprudence, botany, pharmacy and histology.

REQUIREMENTS: For admission—"Both sexes, of suitable age and of good morals, are eligible for the attendance of lectures by payment of the matriculation and lecture fees."

For graduation: 1) a good moral character; 2) a good English education, as well as a competent knowledge of the natural sciences; 3) "an examination by the members of the entire faculty, on all the branches of medicine and their collaterals, will be made during the last week of the lecture course, and candidates giving full satisfaction of thoroughness of instruction, however obtained, will receive a diploma."

FEES: Matriculation, \$5; tuition, \$60; demonstrator, \$10; examination, \$25.

STUDENTS: Number reported during the session of 1883-84, seven, of whom four graduated, the percentage of graduates to matriculates being *fifty-seven*.

### GEORGIA.

#### MEDICAL COLLEGE OF GEORGIA.

AUGUSTA, Ga. EDWARD GEDDINGS, M. D., Dean of the Faculty.

ORGANIZED in 1829, as a Medical Academy, and has been in constant operation ever since, except during the period of the war. In 1873 it became the Medical Department of the State University, of Georgia.

The faculty embraces fourteen professors, two demonstrators and two assistants.

**COURSE OF INSTRUCTION:** One annual graduating course, beginning on the first Monday in November and ending on the first of March. "The faculty has determined to abandon, as far as possible, the old system of didactic lectures, for direct teaching by question and answer as practiced in our literary colleges, and to lay special stress on demonstration by experiment and clinical practice." Graded course of three terms recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, ophthalmology, otology and pharmacy.

**REQUIREMENTS:** For admission, none.

For graduation: "A candidate for the degree of doctor of medicine must have attended two full courses of lectures in this or some other college in good standing, and pass a satisfactory examination on all the branches taught in this institution."

**FEES:** Matriculation (paid once only) \$5; tickets, \$75; practical anatomy, (paid once only) \$10; diploma, \$30.

**STUDENTS:** Number of matriculates and graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-83	—	23	—
1883-84	85	37	43.5

#### SOUTHERN BOTANICO-MEDICAL COLLEGE.

FORSYTH—MACON, Ga.

ORGANIZED in 1839 at Forsyth. Removed to Macon in 1846. First class graduated in 1841, and classes were graduated every year until 1854, when the name was changed to the Reform Medical College of Georgia—*vide infra*.

#### THOMPSONIAN COLLEGE.

BARBOURVILLE, Ga.

ORGANIZED about 1850. Extinct.

#### SAVANNAH MEDICAL COLLEGE.

SAVANNAH, Ga.

ORGANIZED in 1853. Suspended during the civil war, 1861-66. Extinct since 1880.

#### REFORM MEDICAL COLLEGE OF GEORGIA.

MACON, Ga.

ORGANIZED in 1854, as the successor of the Southern Botanico-Medical College—*vide supra*. Classes were graduated every year until 1861; suspended during the civil war; resumed in 1867; classes graduated in 1868 and each subsequent year until 1874, when the school assumed the name of the College of American Medicine and Surgery—which see.

#### ATLANTA MEDICAL COLLEGE.

ATLANTA, Ga. JAMES A. GRAY, M. D., Proctor of the College.

ORGANIZED in 1854. Closed during the rebellion, 1861-65. Reorganized in 1865. Classes were graduated from 1855 to 1861, inclusive, and each subsequent year.

The faculty embraces eight professors, one assistant, two lecturers and one demonstrator.

**COURSE OF INSTRUCTION:** One annual graduating course of lectures, the twenty-seventh session of which extends from October 9, 1884, to March 1, 1885. A graded course of three years is recommended, but not enforced. Medical clinics are held, and "quizzes are given, from time to time, by the professors, to those who desire to enter their names on the lists."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology and diseases of the eye and ear. Instruction is also given in venereal disease, diseases of the throat, minor surgery, and in laboratory work in chemistry and microscopy, which is optional with the student.

**REQUIREMENTS:** For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) thesis, or a report of any of the clinics; 6) satisfactory examination on subjects mentioned above.

FEES: Matriculation, \$5; demonstrator, \$10; full course, \$75; graduation, \$30. In compliance with a law, making a donation to the building and apparatus of the college, tickets are yearly given gratis to one student from each congressional district in the State.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	88	23	26+
1878-79	125	34	27+
1879-80	101	43	42+
1880-81	93	31	33+
1881-82	135	56	41+
1882-83	126	39	31—
1883-84	114	48	42.1

Average percentage of graduates to matriculates, *thirty-five*.

### OGLETHORPE MEDICAL COLLEGE.

SAVANNAH, Ga.

ORGANIZED in 1855, and continued its sessions until 1861. Extinct.

### COLLEGE OF AMERICAN MEDICINE AND SURGERY.

ATLANTA, Ga.

ORGANIZED in 1874 as successor to the Reform Medical College at Macon. Removed to Atlantajin 1881—*vide supra*. The first class under this name was graduated in 1874. There was no graduating class in 1877, '78, '79, '80 or '81. During the session of 1882-3 there was a class of 24 matriculates, of whom 14 were graduated at the close of the session; percentage of graduates to matriculates, *fifty-eight*. In 1884 the institution was merged into the Georgia Eclectic Medical College.

### GEORGIA ECLECTIC MEDICAL COLLEGE.

ATLANTA, Ga. JOSEPH ADOLPHUS, M. D., Dean of the Faculty.

ORGANIZED in 1877. The first class was graduated in 1877 and classes have been graduated each subsequent year. The faculty embraces seven professors and one demonstrator.

COURSE OF INSTRUCTION: One course of lectures annually. The session of 1884-85 was announced to begin on the first Monday of October, 1884, but its duration is not stated. Daily quizzes are held by the faculty. Each member of the graduating class is required to present, once a week, a thesis on some subject already covered by the lectures, and to defend the same.

Lectures embrace physiology, anatomy, chemistry, toxicology, surgery, materia medica, theory and practice of medicine, medical jurisprudence, nervous and venereal diseases, obstetrics, diseases of women and children.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) thesis; 5) must have dissected the best part of the term; 6) "must have been diligent in attending the lectures and clinics;" 7) "thorough examination on the respective branches taught in the college."

FEES: Lectures, \$60; demonstrator, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

1881-82	81	24	29.6
1882-83	67	18	27—
1883-84	62	17	27.4

Average percentage of graduates to matriculates, *twenty-eight*.

### SOUTHERN MEDICAL COLLEGE.

ATLANTA, Ga. WM. PERRIN NICHOLSON, M. D., Dean, P. O. Box, No. 234.

ORGANIZED 1879. Faculty embraces nine professors and four lecturers.

COURSE OF INSTRUCTION: One annual lecture course, the current session beginning October 7th, 1884, and continuing until the first week in March, 1885. Hospital and dispensary clinics are given, and quizzes by the professors to such students as desire them. A graded course of three years recommended, but not required.

Lectures embrace principles and practice of medicine, obstetrics, diseases of women and children, physiology, hygiene, surgery, anatomy, materia medica, therapeutics, toxicology, diseases of the eye, ear and throat, chemistry, venereal diseases, dermatology, and dental surgery.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) "must have attended the dissections;" 5) "must undergo a personal and satisfactory examination before the faculty—examination must occur at close of session, except in cases of pressing necessity, and then only by unanimous consent of the faculty;" 6) thesis, or report of clinic.

FEES: Matriculation (paid once), \$5; tickets, full course, \$75; demonstrator, \$10; diploma, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1879-80	64	8	12+
1880-81	105	38	36+
1881-82	126	37	29+
1882-83	104	37	35+
1883-84	86	27	31.4

Average percentage of graduates to matriculates, during the past five years, *thirty*.

## ILLINOIS.

### ILLINOIS STATE BOARD OF HEALTH.

SPRINGFIELD, Ill. JOHN H. RAUCH, M. D., Secretary of the BOARD.

ORGANIZED July, 1877. This BOARD, in accordance with the Medical Practice Act of Illinois, grants licenses to practice medicine and surgery within the State.

The first examination of applicants for licenses, was held November 1, 1877. Examinations are now held in Chicago or Springfield once annually.

The following are extracts from the act conferring this power—see full text *ante*:

THE STATE BOARD OF HEALTH \* \* \* shall receive through its secretary applications for certificates and examinations. \* \* \* If not a graduate, the person practicing medicine in this State shall present himself before said BOARD, and submit himself to such examination as said BOARD shall require; and if the examination be satisfactory to the examiners, the said BOARD shall issue its certificate in accordance with the facts, and the lawful holder of such certificate shall be entitled to all the rights and privileges herein mentioned.

It shall prepare two forms of certificates, one for persons in possession of diplomas or licenses, the other for candidates examined by the BOARD; and shall furnish to the county clerks of the several counties a list of all persons receiving certificates.

The STATE BOARD OF HEALTH may refuse certificates to individuals guilty of unprofessional or dishonorable conduct, and may revoke certificates for like causes. In all cases of refusal or revocation the applicant may appeal to the body appointing the BOARD.

§ 8. Candidates for examination shall pay a fee of five dollars, in advance, which shall be returned to them if a certificate be refused.

§ 9. Examinations may be made wholly or in part in writing, and shall be of an elementary and practical character, but sufficiently strict to test the qualifications of the candidate as a practitioner.

All examinations of persons not graduates or licentiates shall be made directly by the BOARD, and the certificates given by the BOARD shall authorize the possessor to practice medicine and surgery in the State of Illinois.

Where the candidates have any special views of theory and practice of medicine or of therapeutics, respect is paid to such views, and they are allowed, upon request, to appear before individual members of the BOARD for special examination in such branches. Examinations are conducted in the English language. If made in another language, interpreters must be furnished at the expense of the applicant.

All candidates must pass a preliminary examination, such as is indicated in the "minimum requirements," and must fill out the following:

*Application for Examination before the Illinois State Board of Health, under the Act to Regulate the Practice of Medicine in the State of Illinois.*

1. Name in full.....
2. Nativity and age—(must be at least twenty-one years of age).....
3. Residence and postoffice.....
4. Time spent in professional studies—(must be at least three years).....
5. Physician or preceptor under whom the studies were pursued, with postoffice address—(must be a licentiate of the BOARD or reputable practitioner).....
6. Courses of medical lectures attended.....
7. Name of medical school attended—(time spent at schools not recognized by the BOARD, will not be counted).....
8. Time spent in hospital, if any.....
9. Time of practice, if any.....
10. School of practice chosen.....
11. References as to character—(must present certificate of good character from two licentiates of the BOARD or other reputable practitioners).....

Approved.....188.....

.....  
President of the BOARD.

*Subjects of Examination.*

1) anatomy; 2) materia medica; 3) theory and practice; 4) gynecology; 5) physiology; 6) pathology; 7) obstetrics; 8) chemistry; 9) surgery; 10) hygiene; 11) medical jurisprudence.

Eighty percent. of correct answers required.

We have examined this applicant and find him to stand as above.

(Signed by the members of the BOARD.)

NUMBER of candidates examined, 649. Number of candidates licensed, 193. Number of licentiates now practicing in the State, 60—the discrepancy being accounted for by the subsequent graduation of the licentiates and by removals. During the past year thirteen candidates applied for examination, only two of whom attained the required standard.

These examinations are independent of those of graduates of colleges that do not fully comply with the Schedule of Minimum Requirements of the BOARD, and which examinations are confined to the branches or subjects omitted by the given college.

RUSH MEDICAL COLLEGE.

CHICAGO, Ill. JAMES H. ETHERIDGE, A. M., M. D., Secretary, 1634 Michigan Avenue.

ORGANIZED in 1842. First class graduated in 1843, and classes have been graduated each year subsequently.

The following is compiled from the forty-second annual announcement: Session of 1884-85:—Faculty embraces twelve professors, three professors of special departments, and sixteen adjunct professors, lecturers and assistants and demonstrators.

COURSE OF INSTRUCTION: "Instruction is given in this institution by lectures, clinics, practical work in the dissecting room and laboratories, and by repeated oral examinations. The faculty desire that as many as possible of the matriculates shall pursue their studies in the college through three winter and three spring terms. To encourage this more extended curriculum of college study, final examinations in descriptive anatomy, physiology, chemistry, materia medica and therapeutics are open to three-years' students at the end of the second winter session." The forty-second [winter] session began September 23, 1884, and continues twenty-one weeks. The spring session, 1885, begins February 24, and continues sixteen weeks.

Lectures embrace anatomy, physiology, chemistry, materia medica, surgery, principles and practice of medicine, obstetrics, hygiene, medical jurisprudence, genito-urinary diseases, diseases of women and children, dermatology and venereal diseases, ophthalmology, otology, laryngology, dental pathology and surgery, and toxicology.

REQUIREMENTS: For admission, "A matriculation examination which will include the writing of a brief paper on a subject to be given; and an examination in the elementary principles of physics and mathematics as taught in the public schools of the country will be required. The written paper will be a sufficient indication of the student's knowledge of orthography, as well as of the subject given. Graduates of a literary or scientific college, academy or high school, or who have passed the entrance examination to a literary college in good standing; or persons having a State or county teacher's certificate; or graduates in medicine; or previous matriculates of this college; or students who desire to pursue a special course of study—other than for the purpose of securing the degree—will be exempt from examination. Students who have completed a full course of study equivalent to that required for admission to this college, may, by special arrangement, be admitted on the certificates of their instructors."

For graduation: 1) age, twenty-one years; 2) good moral character; 3) three years' study; 4) two full courses of lectures: "The lectures of the spring term cannot be considered as a *course of lectures* in this requirement;" 5) clinical instruction for two terms; 6) dissection of each region of the body; 7) one course in practical chemistry; 8) "full and satisfactory written or oral examination on each branch taught in the college."

FEES: For the regular winter course—matriculation (good to the following March) \$5; lectures, \$75; demonstrator (till the following March) \$5; chemistry, \$5; final examination (not returnable) \$30. "From alumni of this college, and from its students who have paid for two full courses of lectures, the matriculation fee only (\$5) will be required. From alumni of other recognized medical colleges the matriculation fee and one-half lecture fee will be required." For the annual spring course—matriculation, \$5; lectures \$20; (this amount will be deducted from the fees of the next following winter session); chemistry, \$5; demonstrator, \$5; hospital and infirmary, \$5. "Graduates of the college are admitted on payment of the matriculation fee only; graduates of other regular medical colleges on payment of matriculation fee and ten dollars."

STUDENTS: Number of matriculates and graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percentage.
1877-78	379	128	33.8
1878-79	364	122	33.5
1879-80	481	147	30.5
1880-81	559	172	30.7
1881-82	583	185	31.7
1882-83	549	183	33.3
1883-84	451	166	36.8

Average percentage of graduates to matriculates during the past seven years, *thirty-three.*

## MEDICAL DEPARTMENT OF ILLINOIS COLLEGE.

JACKSONVILLE, Ill.

ORGANIZED in 1843. Suspended lectures in 1848.

REMARKS: The faculty, as given in the catalogues and announcements still extant, embraced six professors, three of whom resided at Jacksonville, one at Springfield, one at Alton, and one at Geneva, Kane county; and who lectured on chemistry, physical aetiology, obstetrics, diseases of women and children, surgical and pathological anatomy, surgery, principles and practice of medicine, *materia medica*, therapeutics, anatomy and physiology. The course of lectures was of sixteen weeks' duration. The fees were: Lectures, \$60; dissection, \$5; matriculation, \$3; graduation, \$20.

The requirements for graduation were: 1) thorough course of study with some practitioner, (this course, according to the last catalogue, must extend over three years.) 2) two full courses of lectures, provided, however, that several years of reputable experience in the practice of medicine may be accepted in the place of one course of lectures; 3) full and satisfactory examination in all the branches of medical study; 4) thesis. Students applying for graduation were expected to possess a competent English and classical education. Dissection was optional.

During its existence instruction was given to about seventy-five students, and thirty-seven were graduated.

## MEDICAL DEPARTMENT, UNIVERSITY OF ST. CHARLES.

ST. CHARLES, Ill.

ORGANIZED in 1847. Annual courses of lectures were delivered until 1848, when the institution was transferred to Rock Island, and subsequently, in 1850, to Keokuk, Iowa, when it became the Medical Department of the University of Iowa, now the College of Physicians and Surgeons of Keokuk, Ia.

## ROCK ISLAND MEDICAL COLLEGE.

ROCK ISLAND, Ill.

ORGANIZED in 1849. Lectures were delivered during the years 1849-50. College extinct.

## CHICAGO MEDICAL COLLEGE.

*Medical Department of the Northwestern University.*

CHICAGO, Ill. WALTER HAY, M. D., LL. D., Secretary, 243 State Street.

ORGANIZED in 1859, as the Medical Department of Lind University, it continued under that name until 1864, when, severing this connection, it assumed the name of the Chicago Medical College. The school entered into its present university relations in 1869.

The faculty embraces eighteen professors, one adjunct professor, and five lecturers and demonstrators.

COURSE OF INSTRUCTION: Graded, comprising three annual consecutive courses of lectures. The twenty-sixth annual session began September 23, 1884, and ends March 24, 1885. Studies:—First year course—Descriptive anatomy, physiology, histology, practical microscopy and general chemistry; Second-year course—Surgical anatomy and operative surgery, general pathology and pathological anatomy, *materia medica* and general therapeutics, state medicine and public hygiene, practical obstetrics, medical chemistry, dermatology, hospital and dispensary clinics;—Third-year course—Theory and practice of medicine and clinical medicine, principles and practice of surgery and clinical surgery, gynecology, diseases of children, ophthalmology and otology, nervous and mental diseases, medical jurisprudence, hospital and dispensary clinics and service as surgical dresser in hospital; Fourth-year course—(optional)—Clinical instruction in medicine, surgery, obstetrics, gynecology, ophthalmology, otology, dermatology, nervous and mental diseases, medical jurisprudence, and more advanced work in microscopic pathology and analytical chemistry.

REQUIREMENTS: For admission, a certificate of graduation from a literary college, a scientific school or academy, or an examination before a committee of the faculty. Accredited certificates of one year's study entitle holders to enter as second-course students after satisfactory examination in studies of first-year course. Certificates of two years' study and of attendance on one full course of lectures entitle to entry as third-course students after examination in studies of first and second years.

For graduation: 1) Evidence of good moral character; 2) three years' study; 3) required age, twenty-one years; 4) attendance upon three courses, or two courses of lectures and sustaining satisfactory examination in studies embraced in first-year course of lectures; 5) dissection of three parts of the human body; 6) one year of hospital attendance; 7) passing all examinations; 8) satisfactory thesis.

FEES: Matriculation, \$5; lecture fees for first and second collegiate years (the third year being free), \$75; demonstrator, \$5; laboratory, \$5; deposit against breakage in laboratory, \$5; hospital, \$11; examination, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	153	50	32.6
1878-79	152	37	24.4
1879-80	148	38	25.6
1880-81	152	45	32.2
1881-82	155	39	25+
1882-83	137	42	30.6
1883-84	114	41	35.9

Average percentage of graduates to matriculates during the past seven years, *twenty-eight*.

The total number of matriculates in the twenty-five years of the existence of this college has been 2768, and the total number of graduates 875. Average percent. of matriculates to graduates (25 years) 31.

REMARKS: This school was the first in the United States to establish a systematic graded course of medical instruction, in accordance with the principles that obtain in all other branches of education. About nine-tenths of its graduates have completed the three-years' graded course.

### HAHNEMANN MEDICAL COLLEGE AND HOSPITAL.

CHICAGO, Ill. E. S. BAILEY, M. D., Registrar, 3034 Michigan avenue.

ORGANIZED in 1859. The first class was graduated in 1860. Classes have been graduated each subsequent year.

The faculty embraces fourteen professors, and two adjunct professors.

COURSE OF INSTRUCTION: One annual graduating course of lectures. The current session began September 23, 1884, and ends February 21, 1885. The plan of teaching is "largely clinical and objective." Daily and weekly quizzes are conducted by the professors in person.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, toxicology, ophthalmology and otology, histology, minor and operative surgery.

REQUIREMENTS: For admission—"Upon application for admission each student must present to the registrar satisfactory evidence of a good English education. Such as are graduates of a literary or scientific college, academy, or high school, or who have passed the entrance examination to a literary college in good standing; who have a county or State teacher's certificate; graduates in medicine; previous matriculates of this college; and students who desire to pursue a special course of study—other than for the purpose of securing the degree—will be exempt from this requirement, providing they furnish this documentary evidence to the registrar. Lacking such credentials from former teachers and preceptors, the students must pass a fair but not a technical examination, before a committee of the faculty appointed for that purpose." The following is quoted in this connection in the Announcement: "By vote of the Inter-Collegiate Committee of the American Institute of Homoeopathy, it has been decided that after the session of 1884-85 all colleges represented in that committee, and therefore in the Institute, shall require an entrance examination previous to matriculation. This examination shall include 1) credible certificates of good moral character, 2) a diploma, certificate, or other proof of graduation from a college, academy or high school, or a State or county teacher's certificate, or lacking this, 3) a thorough examination in the branches of a good English education, including elementary mathematics, English composition and elementary physics or natural philosophy."

For graduation: 1) good moral character; 2) twenty-one years of age; 3) two full courses of lectures; 4) satisfactory examination in obstetrics and diseases of women, surgery, principles and practice of medicine, materia medica and therapeutics, physiology, chemistry, anatomy, diseases of the eye and ear.

FEES: Matriculation, \$5; lectures, \$50; graduation, \$25; hospital free to matriculates; demonstrator, \$5; perpetual ticket, \$95.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	165	94	50.7
1878-79	197	67	34+
1879-80	205	87	42.4
1880-81	195	100	51+
1881-82	264	108	40.9
1882-83	297	134	45+
1883-84	259	113	43.6

Average percent. of graduates to matriculates, during the past seven years, *forty-four*.

## BENNETT COLLEGE OF ECLECTIC MEDICINE AND SURGERY.

CHICAGO, ILL. MILTON JAY, M. D., Dean, 126 State street.

ORGANIZED in 1868. The first class was graduated in 1869. Classes have been graduated each subsequent year.

The faculty consists of fourteen professors, two demonstrators and four assistants.

**COURSE OF INSTRUCTION:** Extends over two annual lecture terms, but students electing a three years' graded course will be allowed, at the end of the second year, to enter the final examination upon anatomy, physiology, chemistry and materia medica.—Instruction is imparted by didactic and clinical lectures, daily quizzes and laboratory work. The lecture term of 1884-85 began September 30, 1884, and continues six months, closing March 31, 1885. A practitioner's course begins February 16, 1885, and continues six weeks.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, orthopedy, ophthalmology and otology, diseases of the teeth and adjacent structures, venereal diseases and dermatology, diseases of children, electro-therapeutics, pharmacy, toxicology and insanity.

**REQUIREMENTS:** For admission—A good elementary English education, including mathematics, English composition and elementary physics, as attested by the presentation of a diploma of graduation from some literary and scientific college or high school, or by a creditable examination upon those branches by a committee appointed for that purpose. A competitive examination, open to first-course matriculates, and embracing mathematics, physics, English and Latin, entitles the one who stands highest to a scholarship.

For graduation: 1) the candidate must possess satisfactory references as to good moral character and have attained the age of twenty-one years; 2) three years' study; 3) must have attended not less than two courses of lectures, the last of which must have been in this college; 4) must have completed the prescribed course of analytical chemistry and practical anatomy; 5) sustain a satisfactory and honorable examination in every department.

**FEES:** Matriculation, \$5; lectures, \$50. demonstrator, \$10; analytical chemistry, \$10; examination \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	139	65	46
1878-79	106	29	27
1879-80	123	37	30
1880-81	127	51	40
1881-82	113	38	33
1882-83	147	52	35
1883-84	159	50	31

Average percentage of graduates to matriculates during the past seven years, *thirty-five.*

## EDINBURG UNIVERSITY OF CHICAGO.

CHICAGO, ILL.

INCORPORATED September 23, 1870, under the general incorporation act of the State. A fraudulent institution, exposed by the ILLINOIS STATE BOARD OF HEALTH, and since defunct.

## WOMAN'S MEDICAL COLLEGE OF CHICAGO.

CHICAGO, ILL. D. W. GRAHAM, M. D., Secretary, 101 Warren avenue.

ORGANIZED in 1870. The first class was graduated in 1871. No class was graduated in 1872. Classes have been graduated each subsequent year.

The faculty embraces twenty-one professors, two lecturers, four assistants and two demonstrators.

**COURSE OF INSTRUCTION:** The session of 1884-85 began September 16, 1884, and will continue thirty-one weeks, closing April 21, 1885. A graded course of three years recommended, but not required. Instruction is given by didactic lectures, recitations, clinical lectures, practical work, and attendance on hospitals.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, hygiene, ophthalmology and otology, diseases of children, diseases of the throat and chest, diseases of the nervous system, histology, dental surgery, dermatology.

**REQUIREMENTS:** For admission—"Students must present, before matriculating, satisfactory proof of a good English education. A certificate of graduation from high school, academy or college, or a teacher's certificate from a county superintendent of schools,

will be accepted as sufficient evidence of such education. Students without such credentials will, in every case, be required to pass an examination before a committee of the faculty. Certificates of character are required."

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses of lectures, one of which must have been in this college; 4) two courses in practical anatomy; 5) one course in practical chemistry; 6) one course in hospital clinical instruction; 7) a satisfactory examination.

FEES: Matriculation, \$5; lectures, \$50; demonstrator, \$5; chemical laboratory ticket, \$5; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	32	7	22—
1878-79	39	5	13—
1879-80	76	10	13+
1880-81	77	17	22
1881-82	83	23	27
1882-83	79	18	22
1883-84	71	21	29.5

Average percentage of graduates to matriculates during the past seven years, *twenty-two*.

### CHICAGO HOMEOPATHIC MEDICAL COLLEGE.

CHICAGO, Ill. J. R. KIPPAX, M. D., Secretary, 3154 Indiana Avenue.

ORGANIZED in 1876. The first class was graduated in 1877. Classes have been graduated each subsequent year.

The faculty embraces fifteen professors two lecturers, and three demonstrators.

COURSE OF INSTRUCTION: A regular session of twenty-two weeks' duration, and a spring session of six weeks' duration, annually. Three-years' graded course recommended but not required. A junior and a senior course (two separate and distinct courses) are delivered during each college term. Clinics at hospital and dispensary.

Lectures embrace: Junior year, anatomy, physiology, microscopy, materia medica chemistry, toxicology, minor surgery, odontology, sanitary science and clinics. Senior year, principles and practice of medicine and surgery, gynecology, pedology, materia medica, obstetrics, ophthalmology and otology, mental and nervous diseases, mental jurisprudence and clinics.

REQUIREMENTS: For admission—"All applicants must possess good moral character, and present to the secretary satisfactory evidence of a good English education, such as is required of all matriculates by the STATE BOARD OF HEALTH OF ILLINOIS. It is not intended to make this examination technical or rigid, but that every student must possess a fair English education. Previous medical matriculates of medical colleges having an equivalent examination, graduates or matriculates of literary or scientific colleges, graduates of high schools, and students who possess a county or State teacher's certificate, will be exempted from this examination on presentation of their diplomas or certificates, attesting graduation or matriculation."

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses; 4) practical anatomy to the extent of having dissected every region of the human body; 5) pass all the regular examinations.

FEES: Full course of lectures, including matriculation, \$55; perpetual ticket, \$90; final examination, \$25; partial course, each chair, \$10; demonstrator's ticket, \$5; hospital, \$5.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	105	25	23.3
1878-79	110	31	28+
1879-80	86	20	23.2
1880-81	87	25	28.7
1881-82	128	58	29.6
1882-83	125	40	32—
1883-84	134	39	29.1

Average percentage of graduates to matriculates during the past seven years, *twenty-eight*.

### COLLEGE OF PHYSICIANS AND SURGEONS OF CHICAGO.

CHICAGO, Ill. D. A. K. STEELE, M. D., Secretary, 1801 State Street.

ORGANIZED in 1882. The first class was graduated in 1883. The faculty consists of twenty-three professors, eight lecturers and three demonstrators. Three chairs are unassigned.

**COURSE OF INSTRUCTION:** The session of 1884-85 commenced September 23, 1884, and continues twenty-four weeks. A graded course of three years recommended, but not required. "Instruction will be given by didactic and clinical lectures, practical work in the dissecting room, clinical and physiological laboratories, and by oral and written examinations."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology, hygiene, medical jurisprudence, histology, microscopy, dermatology, genito-urinary diseases, dental surgery, orthopedics, ophthalmology and otology, diseases of children, nervous and mental diseases, laboratory work in chemistry and physiology.

**REQUIREMENTS:** For admission—"No previous reading or study of medicine is required before entering college. Each candidate must be not less than eighteen years of age. He must present to the faculty 1) a diploma of graduation from a literary college, high school or academy; or 2) a certificate of having passed the entrance examination in a literary or medical college; or 3) he must undergo a satisfactory examination in the branches of a good English education, before a committee of the faculty."

For graduation: "1) good moral character; 2) attainment of twenty-one years of age; 3) three years' study under the direction of a physician in good standing; 4) dissection of each part of the cadaver; 5) attendance upon two terms of clinical and hospital instruction; 6) satisfactory examinations."

**FEES:** Matriculation, \$5; lectures, \$50; demonstrator, \$10; chemical laboratory, \$5; graduation, \$30; "Cook county hospital ticket (good till the following March), and for the Eye and Ear Infirmary, good for one year (optional), each, \$5.

**STUDENTS:** Number of matriculates and graduates at each session reported, and percentage of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1882-3	152	52	34.2
1883-4	167	52	31.1

Average percentage of graduates to matriculates during the past two years, *thirty-three*.

### QUINCY COLLEGE OF MEDICINE.

*Medical Department of Chaddock College.*

QUINCY, ILL. C. R. S. CURTISS, M. D., Secretary.

**ORGANIZED** in 1882. The faculty embraces fourteen professors and one demonstrator.

**COURSE OF INSTRUCTION:** One lecture session is held annually, extending from the second Tuesday in October to the second Wednesday of March.

Lectures, clinical and didactic, embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, ophthalmology, otology, pharmacy, diseases of the mind and nervous system.

**REQUIREMENTS:** For admission, "All applicants who can present evidence of a good English education, sufficient to enable them to understand medical literature, and to readily and thoroughly comprehend the necessary technicalities of our profession, are eligible to our class. This may be made apparent by diploma of graduation from a good literary and scientific college or high school, or lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition and elementary physics."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two courses of lectures; 4) two courses of instruction in anatomy, including dissections and demonstrations; 5) three years' study; 6) a creditable examination in all the branches taught in the institution.

**FEES:** Matriculation, \$5; lectures, \$40; demonstrator, \$10; examination, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1882-83	6	0	—
1883-84	12	4	33.3

## INDIANA.

### UNIVERSITY OF INDIANA.

NEW ALBANY, Ind.

**ORGANIZED** in 1833. The following history of this, the first fraudulent medical school in the West, is compiled from the minutes of the New York County Medical Society of the date December 16, 1833:

It appears that John Cook Bennett, M. D., LL. D., chancellor, secretary, etc., of this institution, journeyed to New York city in the summer of 1833, and, having appointed two members of the county medical college as assistants, proceeded "to examine candidates and dispense diplomas," the persons usually paying therefor the sum of twenty-five dollars. This proceeding becoming known to the society, a committee was appointed "to investigate and report on the subject of diplomas purporting to be issued by the University of Indiana." The committee reported—

(1.) That such an institution was in existence, having been incorporated by an act entitled "An act to incorporate the Christian College, in New Albany, in Floyd county, Indiana."

(2.) That said college was organized by a meeting of eight persons, at the house of Bennett, in New Albany.

(3.) That the said college, under its charter, claims, and probably exercises the right, to confer eight different kinds of degrees on males, and seven on females.

(4.) That this university embraces seven departments, including a department of medicine.

(5.) That John Cook Bennett was bishop and secretary of the general university, and president, chancellor and professor of midwifery in the medical department.

(6.) That by a by-law, the bishop was authorized to send out commissioners to confer degrees, etc.

(7.) That at the time of issuing the diplomas, this university did not possess buildings, apparatus or facilities of any kind to teach physic and surgery; had not given any full course of instruction, nor had any lectures on medical science been delivered.

And finally, that the charges against the members of the society were true; whereupon the society publicly reprimanded the offenders.

### INDIANA MEDICAL COLLEGE.

LA PORTE, Ind.

ORGANIZED in 1844. Lectures were continued at this college until 1848, when the institution was removed to St. Charles, Ill., thence to Rock Island, Ill., in 1849, and finally to Keokuk, Iowa, where it remains as the College of Physicians and Surgeons of Keokuk.

### MEDICAL COLLEGE OF EVANSVILLE.

EVANSVILLE, Ind.

ORGANIZED in 1849. Classes were graduated during the years 1850 to 1854, inclusive, numbering 44 alumni. Lectures were suspended from 1854 to 1871. The college was re-organized in 1871, and classes were graduated from 1873 to 1884, inclusive, when the institution suspended.

### PHYSIO-MEDICAL COLLEGE OF INDIANA.

INDIANAPOLIS, Ind. C. T. BEDFORD, M. D., Secretary, 290 Massachusetts Avenue.

ORGANIZED in 1873. The first class was graduated in 1874. Classes have been graduated each subsequent year.

The faculty embraces nine professors and two lecturers.

COURSE OF INSTRUCTION: The session of 1884-85 began October 14, 1884, and will continue twenty-four weeks. The methods of teaching consist of didactic lectures, recitations, quizzes, and general reviews.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, and gynecology, medical jurisprudence, hygiene, histology, toxicology, diseases of the rectum, diseases of children, clinical medicine and surgery.

REQUIREMENTS: For admission:—"All applicants must possess at least a good English education. If an applicant is a graduate of a literary college, or presents a certificate from some scientific school or academy, the same will be accepted as satisfactory evidence, but unaccompanied by the above evidence he or she *must* sustain a satisfactory examination by a board of censors."

For graduation: The following is a verbatim copy of the "Requirements for Graduation," from the annual announcement, twelfth regular session, 1884-85: "Applicants for graduation in this college must be 21 years of age, a good moral character, attendance at least upon two full courses of lectures (the last of which must be in this college), three years' course of reading attendance at hospital clinics, two courses of dissection under the supervision of a demonstrator, a competent knowledge of all the branches taught in this college, qualifications sufficient to rightly apply the principles inculcated in everyday practice, are regarded as requisite to an examination which must be satisfactory to each professor in his own department."

FEES: Matriculation, (paid but once) \$5; hospital, \$3; lectures, \$75; demonstrator, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	19	8	42+
1878-79	15	7	46+
1879-80	15	8	53+
1880-81	20	10	50
1881-82	24	10	40+
1882-83	26	17	40+
1883-84	21	7	33.3

Average percentage of graduates to matriculates during the past seven years, *forty-eight*.

#### MEDICAL COLLEGE OF FORT WAYNE.

FORT WAYNE, Ind.

ORGANIZED in 1876. Classes were graduated in each year from 1877 to 1883, inclusive.

During the summer of 1883, the effects of the college were sold under execution, and the organization became extinct.

#### MEDICAL COLLEGE OF INDIANA.

INDIANAPOLIS, Ind. C. E. WRIGHT, M. D., Secretary, 107 N. Alabama Street.

ORGANIZED in 1873, when the Indiana Medical College (organized in 1868) and the College of Physicians and Surgeons of Indiana (organized in 1873) were united to form this college. It was formerly the Medical Department of Butler University, but severed its connection with that institution in 1883.

The faculty embraces eleven professors, four lecturers, two assistants, a curator and one demonstrator.

COURSE OF INSTRUCTION: The sessions of 1884-85 embrace a preliminary term, which began September 15, and ended September 30, 1884, and a regular graduating course which began October 1, 1884, and continues until February 26, 1885. Systematic daily examinations of the class by members of the faculty are held. Clinics at hospital and college.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, pharmacy, dermatology, syphilis, diseases of the mind and nervous system, laryngology, clinical medicine and surgery, ophthalmology and otology, diseases of children.

REQUIREMENTS: For admission: Candidates before commencing the first year of study must pass a creditable preliminary examination, covering 1) credible certificate of good moral standing, 2) diploma of graduation from a good literary and scientific college, or high school. Or, lacking this, 3) a thorough examination in the branches of a good English education, including mathematics, English composition, and elementary physics or natural philosophy.

For graduation: "He must produce satisfactory evidence of good moral character, and of having attained the age of twenty-one years. He must file a satisfactory certificate of having studied medicine for at least three years under a regular graduate, or a licentiate and practitioner of medicine in good standing, using the word 'regular' in the sense commonly understood in the medical profession. No candidate shall be eligible for final examination for graduation, unless his term of three years' study shall have been completed, or shall expire at a date not later than three months after the close of the final examination. \* \* \* He must file the proper official evidence that during the above-mentioned three years he has matriculated at some affiliated college or colleges for two regular sessions, and in the course of the same has attended two full courses of instruction. The candidate must have passed a personal examination before the faculty on all the branches of medicine taught in this college."

FEES: Matriculation, \$5; laboratory, \$5; lectures, \$40; demonstrator, \$10; hospital, \$6; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1878-79	143	66	46+
1879-80	182	60	33-
1880-81	200	83	41.5
1881-82	164	58	35+
1882-83	131	53	40.4
1883-84	71	43	65.8

Average percentage of graduates to matriculates, during the past six years, *forty*.

## CENTRAL COLLEGE OF PHYSICIANS AND SURGEONS.

INDIANAPOLIS, Ind. JOSEPH EASTMAN, M. D., Secretary, 197 N. Delaware Street.

ORGANIZED in 1879. The first class was graduated in 1880.

The faculty embraces ten professors, two demonstrators and one prosector.

**COURSE OF INSTRUCTION:** The collegiate year of 1884-85 embraces a preliminary fall course, opening September 24, ending October 1, 1884, and a winter session, commencing at the latter date and closing March 1, 1885. A three-years' graded course is recommended, but not required. Clinical instruction at college and hospital.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, histology and diseases of the nervous system, clinical medicine and surgery.

**REQUIREMENTS:** For admission, "Students must present, before matriculating, satisfactory proof of a good English education." Certificates of graduation from a high school or like institution, or a teacher's certificate from a county superintendent of schools, will be accepted as sufficient evidence of such education. Students who have attended one course of lectures, and practitioners in good standing, are exempt from this requirement.

For graduation: 1) good moral character; 2) twenty-one years of age; 3) three years' study; 4) two full courses of lectures; 5) must pass satisfactory examination in anatomy, including dissections, physiology, chemistry, materia medica, therapeutics, obstetrics, surgery, principles and practice of medicine, clinical medicine.

**FEES:** Matriculation, \$5; lectures, \$40; laboratory, \$5; demonstrator, \$5; hospital, \$6; graduation, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates:

Session.	Matriculates.	Graduates.	Percent.
1879-80	42	12	28.5
1880-81	62	17	27.4
1881-82	43	10	23+
1882-83	44	24	54.5
1883-84	28	13	46.4

Average percent. of graduates to matriculates during the past five years, *thirty-five*.

## FORT WAYNE COLLEGE OF MEDICINE.

FORT WAYNE, Ind. C. B. STEMEN, M. D., Dean, 261 W. Wayne Street.

ORGANIZED in 1879. The first class was graduated in 1880.

The faculty embraces sixteen professors, two lecturers and nine assistants.

**COURSE OF INSTRUCTION:** The collegiate year of 1884-85 began September, 16, 1884, and will continue until March 1, 1885. A three-years' graded course is recommended, but its acceptance is optional with the student. Clinics at hospital and college.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, toxicology, ophthalmology and otology, diseases of children, orthopedic surgery, genito-urinary and rectal diseases, mental and nervous diseases.

**REQUIREMENTS:** For admission, "Each student must present satisfactory evidence, on examination or otherwise, of proficiency in the fundamental branches of an English education. Graduates from a college, academy or high school, or a license to teach in the public schools, will be evidence of such proficiency."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "satisfactory certificate of having studied medicine three years under a regular graduate or licentiate and practitioner of medicine in good standing. No candidate shall be eligible for final examination for graduation unless his or her term of three years' study shall have been completed, or shall expire at a date not later than three months after the close of the final examination;" 4) two full courses of lectures, not within the same twelvemonth; 5) dissection for one session; 6) instruction in chemistry during one session; 7) must have followed the practice of a hospital; 8) must pass monthly and terminal examinations; premature examination will be granted if good and sufficient reasons are given for requesting it.

**FEES:** Matriculation, \$5; lectures, \$40; demonstrator, \$5; laboratory, \$5; hospital, \$5; graduation, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	27	16	59+
1882-83	25	12	48
1883-84	23	10	43.5

Average percentage of graduates to matriculates during the past three years, *fifty-one*.

## INDIANA ECLECTIC MEDICAL COLLEGE.

INDIANAPOLIS, Ind. L. ABBETT, M. D., Dean, 31½ Virginia Avenue.

ORGANIZED in 1880. Beach Medical College was merged into this institution in 1884. The faculty consists of eight professors and one demonstrator.

COURSE OF INSTRUCTION: The regular session of 1884-85 began October 1, 1884, and will continue twenty weeks.

Lectures embrace anatomy, physiology, chemistry, materia medica, therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology, hygiene, medical jurisprudence, ophthalmology, otology, electro-therapeutics, psychological medicine, toxicology and pharmacy, diseases of children, diseases of the throat and chest, dermatology.

REQUIREMENTS: For admission: "Every student must possess a good English education, including mathematics, English composition and elementary physics. A diploma from a high school or college is preferred."

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses of lectures; 4) must produce evidence of attendance on lectures on practical anatomy; 5) thesis or clinical report; 6) examination on the regular and essential branches of medicine; 7) good moral character.

FEES: Matriculation, \$5; demonstrator, \$5; lectures, \$40; graduation, \$25; laboratory, \$5.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1880-81	27	12	44.4
1881-82	19	11	58+
1882-83	24	7	29+
1883-84	31	10	32.2

Average percentage of graduates to matriculates during the past four years, *forty*.

## HOSPITAL MEDICAL COLLEGE OF EVANSVILLE.

EVANSVILLE, Ind. CHARLES KNAPP, M. D. Secretary.

ORGANIZED in 1882. The first class was graduated in 1883.

The faculty consists of nine professors and two lecturers.

COURSE OF INSTRUCTION: The collegiate year of 1884-85 includes a preliminary course of four weeks in September, and a regular session which began October 1, 1884, and closes the last of February, 1885. Clinics at hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, genito-urinary diseases, clinical medicine and surgery, diseases of children.

REQUIREMENTS: For admission, "Students will be required to present evidence of a good English education, either by presenting a diploma from a literary college, high school or academy, or by passing a satisfactory examination before a body of educated men."

For graduation: 1) three years of study with a regular physician; 2) two full courses of lectures, the last being at this college; 3) the candidate must have reached his majority and possess a good moral character; 4) he must have dissected three parts of the human body; 5) must pass a satisfactory examination in each of the seven branches taught in this college.

FEES: Matriculation, \$5; lectures, \$40; practical anatomy, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-83	11	5	45.4
1883-84	11	2	18.1

Regarding the session of 1882-83 the secretary of the college writes: "One of the graduates had already graduated in another college. Our percentage [of graduates to matriculates] therefore, is *forty*." Allowing this, the average percentage of graduates to matriculates during the past two years, is *twenty-seven*.

## BEACH MEDICAL COLLEGE.

INDIANAPOLIS, Ind.

ORGANIZED in 1883. In 1884 this college was merged into the Indiana Eclectic Medical College, (*vide supra*.)

## IOWA.

## COLLEGE OF PHYSICIANS AND SURGEONS.

KEOKUK, Iowa. J. C. HUGHES, M. D., Dean of the Faculty.

ORGANIZED in 1850, succeeding the Medical Department of the University of Iowa at Keokuk. The first class was graduated in 1851. Classes were graduated each subsequent year. The faculty embraces seven professors and two lecturers.

COURSE OF INSTRUCTION: The session of 1884-85 began October 8, 1884, and will continue twenty weeks. A three-years' graded course recommended, but not required. Clinics at college infirmary; daily quizzes conducted by the faculty.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, clinical medicine and surgery, ophthalmology and otology.

REQUIREMENTS: For admission: "A certificate of graduation from a literary college, academy, high school, or first-class teacher's certificate, or a matriculation examination in the branches of a good English education."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) three years' study; 5) no thesis required; 6) satisfactory examination, either oral or written at the discretion of the faculty, in anatomy, physiology, and pathology, chemistry, materia medica, therapeutics, practice of medicine and surgery; 7) must have dissected during two courses.

FEES: Matriculation, \$5; demonstrator, \$5; lectures, \$20; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	266	117	66.6
1881-82	273	126	46+
1882-83	130	54	41.5
1883-84	121	59	48.7

Average percentage of graduates to matriculates for four years, *forty-five*.

## IOWA MEDICAL COLLEGE.

KEOKUK, Iowa.

ORGANIZED in 1858. Extinct since 1860.

## MEDICAL DEPARTMENT OF THE STATE UNIVERSITY OF IOWA.

IOWA CITY, Ia. O. T. GILLET, M. D., Secretary of the Faculty.

ORGANIZED in 1870. The first class was graduated in 1871. Classes have been graduated each subsequent year.

The faculty embraces eight professors, one demonstrator, three lecturers and one prospector.

COURSE OF INSTRUCTION: The annual graduating session of 1884-85 began October 8, 1884, and will close March 4, 1885. Two courses of study are provided: a two-years' course and a three-years' course, one of which the student is required to select at the beginning of the second year. Daily quizzes; clinics at hospital. Recitations, practical work in laboratory, didactic and clinical lectures constitute the mode of instruction. All students in the advanced classes will receive special practical instruction in physical diagnosis, mechanical obstetrics, application of splints, bandages and surgical dressing.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, insanity, toxicology, ophthalmology and otology.

REQUIREMENTS: For admission—"All candidates for admission to the course of medical lectures must give evidence of a good English education. If the applicant is a graduate of a literary or scientific college, or presents the certificate of having passed the entrance examination of such an institution, or the certificate of graduation from a high school or academy, it will be accepted in lieu of an examination. In any other case, the candidate must pass an examination before a committee of the faculty, as follows: A written composition, not to exceed a page of foolscap, on a given subject, which will be the test of orthography, grammar, etc.; an examination in common arithmetic, history of the United States, in geography and elementary physics, or natural philosophy. Students from other schools not requiring preliminary examinations must present credentials, or be examined for admission.

For graduation: 1) twenty-one years of age; 2) unexceptionable moral character; 3) three years' study; 4) two courses of lectures; 5) satisfactory examination in all the branches taught. In cases where the three-term course is adopted, a certificate of time of study is not an absolute requirement.

**FEES:** Matriculation, \$5; lectures, \$20; demonstrator, \$10; laboratory, \$5; graduation, \$25; hospital, \$3.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78.	82	19	22+
1878-79	92	15	10+
1879-80	126	22	17+
1880-81	149	35	23+
1881-82	151	46	30+
1882-83	162	35	21+
1883-84	142	37	26+

Average percentage of graduates to matriculates, during the past seven years, *twenty-three.*

#### HOMEOPATHIC MEDICAL DEPARTMENT OF THE STATE UNIVERSITY OF IOWA.

IOWA CITY, Ia. A. C. COWPERTHWAIT, M. D., Dean of the Faculty.

ORGANIZED in 1877. The first class was graduated in 1878; classes have been graduated each subsequent year.

The faculty consists of three professors, four lecturers and one curator. The teaching of this department is supplementary, the peculiar views of the school only being taught. The lectures on subjects common to both schools are delivered by the professors in the regular department.

**COURSE OF INSTRUCTION:** The annual session of 1884-85 began October 8, 1884, and will close March 3, 1885. A two-years' course and a three-years' graded course are offered and students are required to select one or the other upon registration.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, ophthalmology and otology, dermatology.

**REQUIREMENTS:** For admission—Same as in the regular department (*vide supra*).

For graduation. 1) twenty-one years of age; 2) good moral character; 3) three years study; 4) two full courses of lectures; 5) "must have been engaged in the study of practical anatomy and practical chemistry"; 6) satisfactory examination in all the branches taught in the department. "The final examinations will be conducted in writing, by the faculty of the department, subject to approval or rejection by a board of examiners, selected for that purpose from the homeopathic physicians of Iowa. The *ad eundem* degree in this department may be conferred under the following circumstances: The candidate must be in possession of an accredited diploma, and must present letters from two respectable physicians in regard to his moral character and professional standing. An attendance upon lectures from time to time during the session, and a satisfactory examination must be passed on all subjects taught in the department."

**FEES:** Matriculation, \$5; lectures, \$20; demonstrator, \$10; graduation, \$25; hospital, \$3.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	18	1	5.5
1878-79	32	3	9.3
1879-80	47	9	19+
1880-81	60	16	26.6
1881-82	46	15	32.6
1882-83	44	12	27.2
1883-84	35	12	34.2

Average percentage of graduates to matriculates during the past seven years, *twenty-four.*

#### IOWA MEDICAL COLLEGE—*Eclectic.*

(*Medical Department of Drake University.*)

DES MOINES, Ia. J. G. HILL, M. D., Dean of the Faculty.

ORGANIZED in 1881 as the Iowa Eclectic Medical College, Medical Department of Drake University; assumed its present name in 1883. The first class was graduated in 1882.

The faculty embraces eight professors, two assistant professors and four lecturers.

**COURSE OF INSTRUCTION:** Only one graduating session annually will be given hereafter; the course of 1884-85 began September 10, 1884, and will continue twenty-four weeks. Clinics at college and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology, hygiene, medical jurisprudence, dental pathology, electro-therapeutics, toxicology, laryngoscopy, diseases of the throat and lungs.

REQUIREMENTS: For admission—"Candidates must possess a good elementary English education."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) must have read medicine three years and attended two full courses of lectures, not in the same year; 4) dissection for two terms; 5) satisfactory examination in anatomy, chemistry, materia medica and therapeutics, obstetrics, physiology, practice of medicine and surgery, either written or oral, at discretion of the faculty.

FEES: Matriculation, \$5; lectures, \$25; demonstrator, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
Jan. to June, 1882,	25	7	22+
Sept., 1882 to June, 1883,	19	—	—
Jan. to June, 1883,	19	8	42+
Sept., 1883 to Jan., 1884,	21	4	19+
Jan. 1884 to June,	13	3	23+

Total number of individual students, who have attended lectures at this school, 60. Total number graduated, 24. Percentage of graduates to matriculates, forty.

### COLLEGE OF PHYSICIANS AND SURGEONS OF IOWA.

DES MOINES, Ia. J. A. BLANCHARD, M. D., Dean of the Faculty.

ORGANIZED in 1882. The first class was graduated in 1883.

The faculty embraces thirteen professors and two demonstrators.

COURSE OF INSTRUCTION: The third annual session began September 24, 1884, and closes March 5, 1885. A three-years' graded course recommended, but not required. Clinics at hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, histology, ophthalmology, otology, diseases of children and orthopedic surgery, laryngology, dermatology and genito-urinary diseases.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) satisfactory examination in the several branches taught in the college, "and present satisfactory evidence of a preliminary examination in the higher English branches as taught in the high school, academy or college, or be subject to an examination in the same, at the discretion of the faculty;" 6) one course in practical anatomy.

FEES: Matriculation, \$5; lectures, \$45; graduation, \$25; laboratory (optional) \$5; anatomical material at cost.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-83	9	3	33.3
1883-84	19	8	42.1

Average percentage of graduates to matriculates for the past two years, thirty-nine.

### KING ECLECTIC MEDICAL COLLEGE.

DES MOINES, Ia. O. H. P. SHOEMAKER, M. D., Dean, 319 Walnut Street.

ORGANIZED in 1883. The first class was graduated in 1884.

The faculty embraces ten professors and one demonstrator.

COURSE OF INSTRUCTION: One session annually; the present session began October 6, 1884, and will continue twenty weeks. A three-years' graded course is recommended, but not required. Clinics at the college and hospital.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, toxicology, diseases of the nervous system, ophthalmology and otology, dental pathology and surgery.

REQUIREMENTS: For admission—"No previous reading or study is required before entering college. Students will be admitted without reference to the school of medicine they have attended, or the preceptor with which they have studied."

For graduation: 1) "Candidates must be twenty-one years old, of good moral character, have read medicine three years and attended two full courses of lectures, not in the same year; or have read two years and attended three courses of lectures; or have attended four courses of lectures without previous reading;" 2) dissected for at least two terms; 3) "must pass a satisfactory examination in the branches of a good English education (or furnish evidence of possessing the same) anatomy, chemistry, materia medica and therapeutics, obstetrics, physiology, practice of medicine and surgery, either written or oral, at the discretion of the faculty."

FEES: Matriculation, \$5; lectures, \$25; dissection, \$10; graduation, \$25.

STUDENTS: Number of matriculates, session of 1883-84, 31; of graduates, 9.

Percentage of graduates to matriculates, *thirty*.

## KANSAS.

### MEDICAL DEPARTMENT, UNIVERSITY OF KANSAS.

LAWRENCE, Kas. J. A. LIPPINCOTT, A. M., D. D., Chancellor of the University.

ORGANIZED in 1880.

COURSE OF INSTRUCTION: Two terms, of twenty weeks' duration, annually, making a preparatory medical course, which is claimed to be "accepted by all the leading colleges of the west as the first of a three-years' course, and students passing examinations in these classes will be admitted to the second year in those colleges on the certificate of the faculty of this institution."

First term—chemistry lectures and recitations daily, for twenty weeks; laboratory practice for twenty weeks; physiology lectures daily, for ten weeks; comparative anatomy, dissections, etc., etc., ten weeks. Second term—botany recitations and laboratory practice daily, for twenty weeks; chemistry, physiology and pathology recitations and laboratory practice, for fourteen weeks; toxicology, six weeks; materia medica recitations and practice daily, for twenty weeks.

REQUIREMENTS: A full collegiate course is recommended for all professional students. Any student admitted to the special course in medicine must be prepared for at least the freshman class in all English studies.

## KENTUCKY.

### MEDICAL DEPARTMENT OF TRANSYLVANIA UNIVERSITY.

LEXINGTON, Ky.

ORGANIZED in 1817. Lectures were delivered at Lexington until 1859, when the institution became extinct. From 1850 to 1859 lectures were delivered during the summer only, the winter session being intermitted to establish the Kentucky School of Medicine, at Louisville.

### MEDICAL DEPARTMENT OF THE UNIVERSITY OF LOUISVILLE.

LOUISVILLE, Ky. J. M. BODINE, M. D., Dean, Eighth and Chestnut Streets.

ORGANIZED in 1837. No lectures were delivered from June, 1862, to June, 1863, and no class was graduated in 1863.

The faculty embraces nine professors, one lecturer, four demonstrators and two assistants.

COURSE OF INSTRUCTION: The forty-eighth annual session began September 8, 1884, and will continue until March 3, 1885, which term, together with a spring course beginning March 2, and ending June 1, 1885, comprises the collegiate year. Clinics given at dispensary and hospitals. Frequent quizzes are conducted by the faculty.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, clinical medicine and surgery, diseases of children, microscopy, diseases of the throat and chest, ophthalmology, otology.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two complete courses of lectures; 5) one course of practical anatomy; 6) one course of clinical instruction; 7) examination on all the branches taught in the college.

FEES: Matriculation, \$5; lectures, \$75; demonstrator, \$10; hospital, \$5; graduation, \$30; special courses on surgical dressings and ophthalmosecopy, etc., \$5 each.

STUDENTS: Number of matriculates and of graduates at each session reported and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	200	69	34+
1878-79	210	84	40
1879-80	244	95	38+
1880-81	213	100	47+
1881-82	181	96	53+
1882-83	194	68	35+
1883-84	197	84	42.6

Average percentage of graduates to matriculates during the past seven years, *forty-one.*

#### KENTUCKY SCHOOL OF MEDICINE.

LOUISVILLE, Ky. WM. H. WATHEN, M. D., Dean, Fourth Avenue and Chestnut Street

ORGANIZED in 1850. The first class was graduated in 1851. Classes have been graduated each subsequent year.

The faculty embraces eight professors, three lecturers and one demonstrator.

COURSE OF INSTRUCTION: The twenty-ninth annual session begins February 10, 1885, and will continue twenty weeks. The preliminary session begins January 20, and is of three weeks duration. A three-years' graded course is recommended, but not required. Clinics at hospital and college. "Each professor quizzes the class on his own lectures as they proceed."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, microscopy, ophthalmology, otology, laryngology, dermatology, venereal disease, diseases of children, diseases of the rectum, clinical medicine and surgery.

REQUIREMENTS: For admission—"Students who fail to bring with them proper evidence of their preliminary education are required to pass a satisfactory examination before a committee of the faculty."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures, the interval between the beginning of the first and close of the second course must be at least fifteen months; 4) "dissection of the several regions of the body." 5) hospital clinics each year of attendance; 6) one course in practical chemistry; 7) examination on all branches taught in the college. "If, after examination for the degree, he be found to have received three negative votes, he shall be entitled to another examination. Should he decline this, he may withdraw, and will not be considered as rejected. The degree will not be conferred upon any candidate who is often absent from the regular lectures of the college, or who absents himself from the public commencement without special permission of the faculty."

FEES: Matriculation, \$5; demonstrator, \$10; hospital, \$5; lectures, \$75; graduation, \$30; laboratory, \$5.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879	136	43	31+
1880	107	43	40+
1882	132	55	41+
1883	158	51	32+
1884	159	55	34.5

Average percentage of graduates to matriculates during the past five years, *thirty-six.*

#### LOUISVILLE MEDICAL COLLEGE.

LOUISVILLE, Ky. C. W. KELLY, M. D., Registrar, Second and Green Streets.

ORGANIZED in 1869. The first class was graduated in 1870. Classes have been graduated each subsequent year.

The faculty embraces nine professors and two demonstrators.

COURSE OF INSTRUCTION: The collegiate year of 1884-85, which began September 1, 1884, comprises a preliminary course of four weeks and a regular winter session, extending from October 1, 1884, to the last week in February, 1885. Daily quizzes are held by the faculty. "The plan of instruction includes lectures, clinics, quizzes and practical demonstrations."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene and medical jurisprudence, clinical medicine and surgery.

**REQUIREMENTS:** For admission—"A preliminary examination will be required hereafter, as a condition of admission to the regular winter course. Gentlemen who are graduates of a literary or scientific college, academy, or high school, or who have passed the entrance examination to a literary college in good standing; who have a county or State teacher's certificate; graduates in medicine; previous matriculates of this college; and students who desire to pursue a special course of study—other than for the purpose of securing the degree—will be exempt from this examination. The examination will include the writing of a brief paper on a subject to be given; and an examination in the elementary principles of physics and mathematics as taught in the public schools of the country."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures (not within the same twelve month); 5) two courses of hospital clinics; 6) dissection of each region of the body; 7) one course in practical chemistry; 8) satisfactory written or oral examination on each branch taught.

**FEES:** Matriculation, \$5; demonstrator, \$10; lectures \$50; examination, \$30; hospital, \$5.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	149	70	46+
1878-79	136	61	44+
1879-80	129	56	43+
1880-81	116	54	47+
1881-82	125	54	43+
1882-83	157	51	32+
1883-84	267	76	28.5

Average percentage of graduates to matriculates during the past seven years, *thirty-nine.*

## HOSPITAL COLLEGE OF MEDICINE.

*Medical Department, Central University.*

LOUISVILLE, Ky. WM. H. BOLLING, M. D., Dean, Chestnut Street, near Preston.

ORGANIZED in 1873. The first class was graduated in 1875. Classes have been graduated each subsequent year.

The faculty embraces nine professors, one lecturer and three assistants.

**COURSE OF INSTRUCTION:** The thirteenth regular graduating course begins January 22, 1885, and ends June 18, 1885. Clinics continue throughout the year.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medica jurisprudence, ophthalmology and otology, toxicology, clinical medicine and surgery, diseases of children, orthopedic surgery, surgical pathology and diseases of the rectum.

**REQUIREMENTS:** For admission—"Matriculates who do not furnish evidence of sufficient preliminary education, are required to pass an examination in English and elementary physics. Gentlemen, who are graduates of a literary or scientific college, academy or high school, or who have passed the entrance examination to a literary college in good repute; who have a county or State teacher's certificate; graduates in medicine; previous matriculates of this college, and students who desire to pursue a special course of study—other than for the purpose of securing the degree—will be exempted from this examination. Students who have completed a full course of study equivalent to that required for admission to this college, may be admitted on the certificate of their instructors."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "satisfactory evidence of having studied medicine for at least three years, under a regular graduate, or licentiate and practitioner of medicine, in good standing, using the word 'regular' in the sense commonly understood in the medical profession. No candidate shall be eligible for final examination unless his term of three years shall have been completed, or shall expire at a date not later than three months after the close of the final examinations;" 4) two complete courses of lectures (not within one and the same year); 5) practical anatomy, two sessions; 6) two courses of clinical and hospital instruction; 7) regular attendance upon the daily lectures, quizzes and clinics; 8) examination on all branches taught in the college.

**FEES:** Matriculation, \$5; lectures, \$75; demonstrator, \$10; hospital, \$5; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	64	19	29+
1878-79	87	24	27+
1879-80	95	38	40
1880-81	77	31	40+
1881-82	75	36	48
1882-83	87	31	35+
1883-84	57	31	54.4

Average percentage of graduates to matriculates during the past seven years, *thirty-nine.*

JEFFERSON SCHOOL OF MEDICINE.  
LOUISVILLE, Ky.

ORGANIZED in 1882. This school graduated one class (in 1882), and then suspended operations.

**LOUISIANA.**

MEDICAL DEPARTMENT OF THE UNIVERSITY OF LOUISIANA.  
NEW ORLEANS, La. T. G. RICHARDSON, M. D., Dean of the Faculty.

ORGANIZED in 1831, as the Medical College of Louisiana. Transferred to its present connection in 1847. The Civil War caused a suspension during the years 1863, 1864 and 1865. The department was reorganized in 1865.

The faculty embraces seven professors, one lecturer and a demonstrator.

COURSE OF INSTRUCTION: The fifty-first annual graduating session, that of 1884-'85, commenced October 20, 1884, and closes March 27, 1875. A three-years' graded course is recommended, but not required. Daily rounds of the Charity Hospital wards are made by all the professors and chiefs of clinics, accompanied by the students.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, ophthalmology, otology, pharmacy, clinical medicine and surgery, diseases of children.

REQUIREMENTS: For admission none.—For graduation: 1) good moral character; 2) twenty-one years of age; 3) three years' study; 4) two complete courses of dissection; 5) thesis; 6) pass satisfactory examination.

FEES: Matriculation, \$5; lectures, \$140; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates	Graduates.	Percent.
1880-81	*204	41	20
1881-82	*220	†56	25.4
1882-83	*212	73	34.4
1883-84	*212	†70	33+

Average percentage of graduates to matriculates during the past four years, *twenty-eight.*

\*Includes pharmacy students. †Includes pharmacy graduates.

NEW ORLEANS SCHOOL OF MEDICINE.  
NEW ORLEANS, La.

ORGANIZED in 1856. Extinct since April, 1870.

CHARITY HOSPITAL MEDICAL COLLEGE.  
NEW ORLEANS, La.

ORGANIZED in 1873. Extinct since 1877.

## MEDICAL DEPARTMENT OF THE NEW ORLEANS UNIVERSITY.

## MEDICAL DEPARTMENT OF STRAIGHT UNIVERSITY.

NEW ORLEANS, La.

"Both are for colored students, and open to males and females. I do not know that any medical diplomas have actually been issued from either. If so, we could not recognize them here, for they certainly have not given such courses of instruction as to qualify men or women to practice medicine." (*Official letter, Louisiana State Board of Health.*)

**MAINE.**

## MEDICAL SCHOOL OF MAINE, AT BOWDOIN COLLEGE.

BRUNSWICK, Me. ALFRED MITCHELL, M. D., Secretary.

ORGANIZED IN 1820. The first class was graduated in 1820. Classes have been graduated each subsequent year.

The faculty embraces eight professors and two demonstrators.

COURSE OF INSTRUCTION: One annual course of lectures of sixteen weeks' duration commencing in February. Clinics are given once a week. Daily examinations are made by the faculty.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence and histology.

REQUIREMENTS: For admission—"Candidates for matriculation will be required to give evidence that they possess a good English education. Those who are graduates of colleges, normal schools, high schools, or who have passed the entrance examination to any recognized college, on presentation of their diplomas or matriculation tickets, will be exempt from examination."

For graduation, 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) satisfactory written and oral examination on subjects of the lectures; 5) thesis; 6) "dissection of not less than two parts."

FEES: Matriculation, \$5; lectures, \$78; graduation, \$25; laboratory, \$10.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percentage.
1878	94	25	26.6
1879	99	31	31.3
1880	105	22	21—
1881	115	30	26+
1882	104	28	27—
1883	94	28	29.7
1884	99	33	33.3

Average percentage of graduates to matriculates during the past seven years, *twenty-eight.*

## PORTLAND SCHOOL FOR MEDICAL INSTRUCTION.

PORTLAND, Me. C. O. HUNT, M. D., Registrar.

ORGANIZED IN 1855. No diplomas are conferred. "The aim of the school is to afford to medical students greater facilities for obtaining a higher grade of professional education than can usually be given under the direction of a single preceptor."

The faculty embraces ten professors and one demonstrator.

COURSE OF INSTRUCTION: Two terms of fifteen weeks each, annually.

Systematic recitations will be held in anatomy, materia medica and therapeutics, theory and practice of medicine and chemistry.

Lectures embrace, in addition to the foregoing subjects, physical diagnosis, minor and operative surgery, gynecology, physiology, and dentistry.

REQUIREMENTS: For admission—"Students will be required to satisfy the instructors that they are possessed not only of a good common school education, but also of such familiarity with the Latin language as may be acquired by the study of Harkness's Introductory Latin Book, and of a knowledge of physics equal to that which may be got from Norton's Elements of Natural Philosophy."

FEES: For summer term, \$35; for winter term, \$40; for the year, \$60; demonstrator, \$7.

STUDENTS: Number in attendance during 1883, 31.

ECCLECTIC MEDICAL COLLEGE OF MAINE.

LEWISTON, Me.

ORGANIZED in 1881, to "supply a demand for Eclectic medical teaching in New England." The information received, as to the present status of the institution, does not warrant any systematic presentation of details. Of the ten members of the "faculty" whose names are given, four are recent graduates of the college; and of the remaining six, two are non-medical men.

No requirements for matriculation are exacted, but students are "expected to possess a good common school education." For graduation it is not necessary that the candidate should pursue the curriculum of instruction or attend the lectures of the school; but by presenting certain documentary evidence, and passing "a successful examination in all the branches taught in this college he will be entitled to a diploma upon the condition named in terms." The terms are—matriculation, \$5; tuition, one course, \$75; scholarship, \$100; graduation, \$25; dissection, \$10.

MARYLAND.

SCHOOL OF MEDICINE OF THE UNIVERSITY OF MARYLAND.

BALTIMORE, Md. L. McLANE, TIFFANY, M.D., Dean, 137 Park Avenue.

ORGANIZED in 1807, as the Medical College in the City of Baltimore. In 1812, faculties of law, theology and arts were added, and the whole chartered under the name of the University of Maryland. The degree of M.D. was first conferred in 1810, and degrees have been conferred each year since.

The faculty embraces thirteen professors, four demonstrators, three prosectors, and ten dispensary physicians and chiefs of clinics.

COURSE OF INSTRUCTION: The seventy-eighth annual session began October 1, 1884, and will close about March 15, 1885. Clinical lectures, introductory to the regular session, were held throughout September. A three-years' course recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology, toxicology, ophthalmology, otology, diseases of the throat and chest, diseases of children, diseases of the nervous system, dermatology, clinical medicine and surgery, and dentistry.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) two full courses of lectures; 3) thesis; 4) evidence of attendance on clinical lectures on medicine and surgery; 5) practical anatomy course; 6) good moral character; 7) faithful and regular attendance on lectures and clinics; 8) examination in all the branches taught.

FEES: Matriculation, \$5; lectures, \$120; demonstrator, \$10; graduation, \$30. Not including nine post-graduates and five dentists. "In accordance with a usage which has arisen in other schools, a number of scholarships have been created, to which are appointed students unable to pay the full rates. The holders of these scholarships pay only \$50 for the professors' tickets."

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	135	49	36.2
1878-79	134	53	40+
1879-80	173	66	48+
1880-81	193	73	37.9
1881-82	197	73	37.8
1882-83	203	97	47.7
1883-84	188	74	39.3

Average percentage of graduates to matriculates, forty.

WASHINGTON UNIVERSITY SCHOOL OF MEDICINE.

BALTIMORE, Md.

ORGANIZED in 1827, as the Medical Department of Washington College, Pennsylvania. The first class was graduated in 1828, and classes were graduated under the auspices of Washington College until 1840, when the Maryland Legislature empowered the institution to assume the above title. Lectures were delivered and classes graduated until 1851, when it became extinct. In 1867 the institution was reorganized and lectures were thence delivered until 1877, when the institution was merged into the College of Physicians and Surgeons, Baltimore (*vide infra*).

COLLEGE OF PHYSICIANS AND SURGEONS.

BALTIMORE, Md. THOMAS OPIE, M.D., Dean, 197 North Howard Street.

ORGANIZED in 1872. The first class was graduated in 1873. Classes have been graduated each subsequent year. In 1877 the Washington University School of Medicine was united with this college.

The faculty embraces ten professors, two auxiliary professors, six lecturers and six demonstrators.

**COURSE OF INSTRUCTION:** Two courses of lectures are given during the year. The winter graduating session of 1834-5 began Oct. 1, 1834, and will close March 15, 1835. The spring course begins March 15, and continues until June 15, 1835. A three-years' graded course is recommended, but not required. Clinics in hospitals and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, pharmacy, dental surgery, diseases of the chest and throat, diseases of children, diseases of the nervous system, genito-urinary diseases, pathological histology, orthopedic surgery, and clinical medicine and surgery.

**REQUIREMENTS:** For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) good English education; 4) three years' study; 5) satisfactory examination.

**FEES:** Lectures, \$120; graduation, \$30; spring term, \$15. "In order to place the facilities of this school within the reach of the qualified, but poor young men of our country, and in conformity with the usage of the times, we receive a number of *privileged students*, at half the regular fees."

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	165	65	39.9
1878-79	211	80	38—
1879-80	336	110	37.7
1880-81	328	143	43.6
1881-82	346	158	45.7
1882-83	322	109	33.9
1883-84	400	127	31.7

Average percentage of graduates to matriculates, *thirty-eight*.

#### BALTIMORE MEDICAL COLLEGE. (A)

BALTIMORE, Md. W. R. MONROE, M.D., Secretary, 249 Bolton Street.

**ORGANIZED** in 1831. The first class was graduated in 1832. Dissensions occurring in the faculty of this school caused its disruption after the close of the session of 1833-34; and there are now two organizations issuing announcements under the same name. They are here described as colleges "A" and "B."

This faculty embraces ten professors and one demonstrator. The professorships of surgery and chemistry and the lectureship of diseases of the eye and ear, are unassigned.

**COURSE OF INSTRUCTION:** The fourth annual session opened on October 1, 1834, and continues until the following March; a spring session will begin March 15, and continue until June 1, 1835.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics, gynecology, hygiene, medical jurisprudence, ophthalmology, otology, diseases of throat and chest, oral surgery, insanity, and diseases of children.

**REQUIREMENTS:** For admission—"Students must possess good moral characters and studious habits, and unless matriculates of some literary institution or medical college, will be required to furnish sufficient evidence of possessing a good English education."

For graduation: 1) two courses of lectures; 2) "The fitness of a candidate for graduation will be based upon good moral character, and the result of a final examination to be determined by a majority of all the votes of the faculty."

**FEES:** Matriculation, \$5; demonstrator, \$10; lectures, \$120; graduation, \$30. "In accordance with the custom of other schools, such students as are unable to pay the full fees will be admitted at a charge of fifty dollars for the general ticket."

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1831-32	46	17	38.2
1832-33	52	20	38.4
1833-34	28*	14*	50

Average percentage of graduates to matriculates, *forty*.

\*Not including two post-graduates.

## BALTIMORE MEDICAL COLLEGE. (B.)

BALTIMORE, Md. Z. K. WILEY, M. D., Dean, 195 W. Lombard Street.

ORGANIZED—Vide supra.

The faculty embraces ten professors, one lecturer, one demonstrator and three clinical assistants.

**COURSE OF INSTRUCTION:** One annual graduating session; that of 1884-85 opened October 1, 1884, and continues until "about the first week in March." A short course of preliminary lectures preceded the regular term.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics, gynecology, medical jurisprudence, microscopy, diseases of throat and lungs, nervous diseases, ophthalmology and otology.

**REQUIREMENTS:** For admission—"Students must be possessed of good moral character, and, unless matriculates of some literary institution or medical college, will be required to furnish sufficient evidence of possessing a good English education."

For graduation: Candidates must have attended at least two courses of lectures. "The fitness of a candidate for graduation will be based upon good moral character and regular attendance upon instruction afforded by the college, and upon the result of a final examination, to be determined by a majority of all the votes of the faculty."

**FEES:** Matriculation, \$5; demonstrator, \$10; lectures, \$120; graduation, \$30. "As is the custom in some of the other medical schools, students who are unable to pay the full fees of the college will be admitted at a charge of \$50 per session."

## WOMAN'S MEDICAL COLLEGE OF BALTIMORE.

BALTIMORE, Md. WM. D. BOOKER, M. D., Dean, 157 Park Avenue.

ORGANIZED in 1882. The first class was graduated in 1883.

The faculty embraces eight professors, four lecturers, two demonstrators, two instructors and eleven clinical assistants.

**COURSE OF INSTRUCTION:** One annual graduating session; that of 1884-'85 began October 1, 1884, and ends May 1, 1885. The course of study is graded and a three-years' course is recommended, but students are allowed, upon preceptor's certificate of twelve months' medical study, to pursue a two-years' graded course.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, principles and practice of medicine, pathology, surgery, obstetrics, gynecology, hygiene, medical jurisprudence, ophthalmology and otology, diseases of throat and chest, diseases of children, pharmacy, clinical medicine and surgery.

**REQUIREMENTS:** For admission—"Every student on entering this institution will be required to present a diploma from a respectable institution of learning, or pass a satisfactory examination before a committee of the faculty on the usual elementary English branches taught in the public schools, viz: English grammar, history, geography, arithmetic, elementary physics and composition."

For graduation: 1) twenty-one years of age; 2) two full courses of lectures; 3) one full dissection; 4) evidence of having attended the clinics; 5) examination on all the branches; 6) good moral character.

**FEES:** Matriculation, \$5; lectures, \$75; demonstrator, \$10; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-83	19	1	5.2
1883-84	22	5	22.7

Average percentage of graduates to matriculates, *fifteen*.

## MEDICAL DEPARTMENT OF THE JOHNS HOPKINS UNIVERSITY.

BALTIMORE, Md. D. C. GILMAN, LL.D., President of the University.

A PRELIMINARY course of training for young men who propose to pursue the study of medicine, was instituted in 1877. Physics, chemistry and biology, with Latin, German, French and English, form the principal elements of this course, with opportunities for the study of psychology, logic, history, and other branches of knowledge, according to the requirements of the scholar.

"Opportunities are here afforded to a young man, who expects at a later day to take up the study of medicine, to become proficient in laboratory work while acquiring a knowledge of German and French and continuing his general education. A course is arranged, in which physics for the first year, chemistry for the second, and the biological study of plants and animals for the third year, are the dominant topics. At the close of this course the student should have become proficient in a knowledge of the physical and chemical laws which underlie the conditions of life; he should have become familiar with

the structure and functions of living things, in their normal and healthy condition; he should have become skilled in the use of the microscope and other physiological apparatus; and so, when he enters the school of medicine he should know that he has been well prepared for the study of disease and of its treatment, by a training in fundamental sciences, which has not only exercised his eye and hand, but has accustomed his mind to accurate habits of observation and inquiry." This course leads to the university degree of Bachelor of Arts.

**MEDICAL DEPARTMENT:** "As the construction of the Johns Hopkins hospital approaches completion, the university is devoting much thought to the organization of its Faculty of Medicine. A study of the problem, consultation with eminent physicians at home and abroad, and an examination of other institutions, led long ago to the conclusion that a professorship of pathology should be among the earliest to be instituted. Chemistry and biology, including morphology, embryology and physiology, were already taught in the philosophical faculty. Pathology and therapeutics were the scientific chairs which seemed to be next called for, as their instructions would be likely to require experimental laboratories, distinct from the hospital and from the other university working rooms." This chair has recently been established, and "the nucleus of the medical faculty in the Johns Hopkins University is, therefore, the president of the university, D. C. GILMAN, LL.D.; the professor of chemistry, I. REMSEN, Ph. D., M. D.; the professor of physiology, H. N. MARTIN, Dr. Sci., M. D., and the professor of physiology, W. H. WELCH, A. M., M. D., together with the medical adviser of the Johns Hopkins hospital, JOHN S. BILLINGS, M. D., LL. D., Surgeon, U. S. A., who also lectures on hygiene in the university."

## MASSACHUSETTS.

### MEDICAL SCHOOL OF HARVARD UNIVERSITY.

BOSTON, Mass. H. P. BOWDITCH, M. D., Dean, Boylston and Exeter Streets.

ORGANIZED in 1782. The first class was graduated in 1783, and classes have been graduated in each subsequent year.

The faculty consists of eleven professors, six assistant professors, one curator, two demonstrators, two lecturers, nine assistants to chairs, and eight special clinical instructors.

**COURSE OF INSTRUCTION:** Instruction in this school is given by lectures, recitations, clinical teaching and practical exercises, uniformly distributed throughout the academic year. The year begins on the Thursday following the last Wednesday in September, and ends on the last Wednesday in June. The course of study recommended by the faculty covers four years, but the degree of Doctor of Medicine continues to be given upon the completion of three years of study. The degree of Doctor of Medicine *cum laude* is given to candidates who have pursued a complete four years' course, and obtained an average of 75 per cent. in all the examinations of this course; and a certificate of attendance on the studies of the fourth year will be given to such students desiring it as shall have attended the course, and have passed a satisfactory examination in the studies of the same.

The division of studies in the three-years' course is as follows: First year—*anatomy, physiology and general chemistry.* Second year—*practical and topographical anatomy, medical chemistry, materia medica, pathological anatomy, clinical medicine and clinical surgery.* Third year—*therapeutics, obstetrics, theory and practice of medicine, surgery, clinical surgery, ophthalmology, dermatology, syphilis, otology, laryngology, mental diseases, diseases of the nervous system, diseases of women, diseases of children, forensic medicine and hygiene.*

In the four-years' course, the first and second-years' studies are the same as in the three-years' course; and in the third year of the four-years' course attention is confined to *therapeutics, obstetrics, theory and practice of medicine, clinical medicine, surgery and clinical surgery.* During the fourth year the subjects are *ophthalmology, otology, dermatology, syphilis, laryngology, mental diseases, diseases of the nervous system, diseases of women, diseases of children, obstetrics, clinical and operative obstetrics, clinical medicine, clinical and operative surgery and forensic medicine.*

**REQUIREMENTS:** "All candidates for admission, except those who have passed an examination for admission to Harvard College, must present a degree in letters, science or medicine from a recognized college or scientific school, or pass an examination in the following subjects: 1) every candidate will be required to write, legibly and correctly, an English composition of not less than two hundred words, and also write English prose from dictation; 2) the translation of easy Latin prose; 3) a competent knowledge of physics; 4) each candidate must pass an approved examination in any *one* of the following subjects: French, German, the elements of algebra or plain geometry, botany. "Students who began their professional studies elsewhere may be admitted to advanced standing; but all persons who apply for admission to the advanced classes must pass an examination in the branches already pursued by the class to which they seek admission, and furnish a satisfactory certificate of time spent in medical studies. No student shall advance with his class, or be admitted to advanced standing, until he has passed the required examination in the studies of the previous year, or a majority of them; nor shall he become a member of the third class until he has passed all the examinations of the first, in addition to a majority of those in the second year."

For graduation: "Every candidate must be twenty-one years of age, and of good moral character; must give evidence of having studied medicine three or four full years; must have spent at least one continuous year at this school; must have presented a satisfactory thesis, and have passed the required examination." Written examinations on all the main subjects of instruction are distributed, for regular students, through their entire

course of study. "In addition to these written examinations each student is required to present a written report of the analysis of a solution containing inorganic substances, and of a specimen of urine, to examine and report upon a clinical case in surgery, and to take charge of and report upon two cases in obstetrics; each student must also have satisfactorily dissected the three parts of the body."

FEES: Matriculation, (payable once only) \$5; lectures, full year, \$200; one-half year, \$120; special courses, \$15 to \$30 each.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	227	47	20.7
1878-79	253	70	27.6
1879-80	263	45	17.1
1880-81	251	60	23.9
1881-82	233	77	33+
1882-83	229	74	32.3
1883-84	243	59	24.2

Average percentage of graduates to matriculates, *twenty-six*.

BERKSHIRE MEDICAL COLLEGE (*Medical Department of Williams College*).  
PITTSFIELD, Mass.

ORGANIZED in 1843. Lectures were delivered until 1867, when the college became extinct. During its existence 1138 students were graduated.

WORCESTER MEDICAL COLLEGE.  
WORCESTER, Mass.

ORGANIZED in 1848. Lectures were delivered until 1858 (?), when the college became extinct.

NEW ENGLAND FEMALE MEDICAL COLLEGE.  
BOSTON, Mass.

ORGANIZED in 1848. Lectures were delivered and classes graduated until 1874, when it was merged into the Boston University School of Medicine, (*vide infra*).

BOSTON UNIVERSITY SCHOOL OF MEDICINE—*Homeopathic*.  
BOSTON, Mass. I. TISDALE TALBOT, M. D., Dean, 66 Marlborough Street.

ORGANIZED in 1873. The first class was graduated in 1874. Classes have been graduated each subsequent year. In 1874 the New England Female Medical College was united with this school.

The faculty embraces nine professors, twelve lecturers, five assistants, and one demonstrator.

COURSE OF INSTRUCTION: The school year of 1884-85 is divided into three terms, as follows: The first term beginning October 9, 1884, continues to December 20, 1884; the second term begins January 1, 1885, and continues to March 12, 1885; the third term begins March 23, 1885, and continues to June 3, 1885. A three-years' graded course is required, and a four-years' graded course is recommended. The degrees of Bachelor of Medicine and Bachelor of Surgery are granted to students of the four-years' course at the end of the third year. To each term and each year certain studies are assigned, in which the student is required to become proficient, as shown by examination, before entering upon more advanced studies.

The arrangement of studies for the three-years' course is as follows: First year—*anatomy, physiology, general chemistry, microscopy, histology, history and methodology of medicine, minor surgery and dissections.* Second year—*medical chemistry, surgical anatomy, surgery and surgical pathology, general pathology and pathological anatomy, special pathology and therapeutics, materia medica and pharmaceutics, obstetrics, gynecology, pedology, auscultation and percussion, laryngology and diseases of the throat, and sanitary science.* Third year—*operative surgery, general pathology and pathological anatomy, special pathology, anatomy, materia medica, practical and operative obstetrics, ophthalmology and otology, dermatology, insanity and nervous diseases, medical jurisprudence, "ethics and esthetics," clinics and clinical reports in various departments.*

In the four-years' course the studies of the first year are the same as in the three-years' course; special dissections, histology and microscopy are substituted for gynecology and pedology in the second year; operative surgery, practical and operative obstetrics, materia medica, special pathology and therapeutics, general pathology and pathological anatomy, pedology, gynecology and clinics occupy the third year; and the fourth year continues materia medica, clinics and clinical reports, and takes up ophthalmology, otology, dermatology, insanity, nervous diseases, medical jurisprudence, "ethics and esthetics," and dispensary practice.

**REQUIREMENTS:** For admission, "Candidates who have taken their first degree in arts, philosophy or science are admitted without examination. All others, before matriculation, are examined in the following branches: 1) in orthography, English composition and penmanship, by means of a page written at the time and place of examination; 2) in arithmetic, geography and English grammar, if there be any doubt whether the candidate has sufficient attainment therein; 3) in elementary physics, by an examination in Stewart's Primer of Physics; 4) in Latin, by requiring a translation from Harkness's Latin Reader at sight. Candidates must be at least nineteen years old, or, if they intend to pursue a four-years' course, within six months of nineteen."

For graduation: "Candidates for the degree of Bachelor of Medicine or Bachelor of Surgery must have studied medicine three full years, the last of which was in this school, and must have passed examinations in all the branches of the first three years of the four-years' course in this school with a minimum average of eighty per cent." Candidates for the degree of Doctor of Medicine must be twenty-one years of age and of good moral character; must have studied medicine at least three years under competent instruction; must have attended at least three full and reputable courses of lectures, the last in this school"; and must sustain a satisfactory examination, an average of seventy per cent. being required from all the chairs in order to enable a student to graduate. The candidate must also furnish a thesis in which shall be cited the authorities for all statements of fact and opinion advanced, other than original, and these latter he must be prepared to publicly defend. He is also required to furnish satisfactory written reports of at least twenty medical, five surgical and three obstetric cases attended personally, and five cases seen in each of the clinical departments.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	169	43	25.4
1878-79	149	35	23.5
1879-80	127	35	27.6
1880-81	110	26	23.6
1881-82	110	29	26.3
1882-83	109	30	27.5
1883-84	97*	31*	35

Average percentage of graduates to matriculates, *twenty-seven*.

\*Not including three post-graduates and five special students.

#### COLLEGE OF PHYSICIANS AND SURGEONS.

BOSTON, MASS. ARTHUR H. WILSON, M. D., Registrar, 594 Broadway, South Boston.

ORGANIZED in 1880. The first class was graduated in 1881.

The faculty embraces nine professors, nine lecturers, four instructors, one demonstrator, and three clinical assistants.

**COURSE OF INSTRUCTION:** The college year begins on the second Wednesday in October, and ends on the second Wednesday in May. Course of study is graded and extends over three years, but three courses of lectures are not absolutely demanded. Instruction consists of didactic lectures with demonstrations, clinical teaching, recitations and practical teaching on subjects involving manipulation.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, diseases of the nervous system, ophthalmology and otology, histology, dermatology, laryngology, diseases of children, orthopedic surgery, clinical medicine, clinical surgery, genito-urinary diseases.

**REQUIREMENTS:** For admission, "Candidates for matriculation will be required to give evidence that they possess a good moral character, and a good English education, including elementary physics (heat, light, and electricity). Persons who have studied medicine with a regular physician one or more years, or who have attended one full course of lectures at a recognized medical college, or students who have taken two full courses of lectures, may be admitted to the second or third year's course after examination in the branches of the first course.

For graduation: 1) twenty-one years of age; 2) thesis; 3) three years' study; 4) two full courses of lectures; 5) dissected three parts; 6) fulfill all requirements of laboratory work; 7) satisfactory examination; 8) an acquaintance with the Latin language sufficient for a good medical and surgical education.

**FEES:** Matriculation, \$5; lectures, \$85; demonstrator, \$5; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1880-81	24	—	—
1881-82	49	11	22.4
1882-83	34	10	16.6
1883-84	44	6	13.6

Average percentage of graduates to matriculates, *eighteen*.

NEW ENGLAND UNIVERSITY OF ARTS AND SCIENCES.  
BOSTON, MASS.

Fraudulent: Extinct.

BELELVUE MEDICAL COLLEGE OF MASSACHUSETTS.  
BOSTON, MASS.

ORGANIZED in 1880. A fraudulent institution, exposed by the ILLINOIS STATE BOARD OF HEALTH in 1882. Vide infra; see, also, pp. XIII-XV., Fourth Annual Report of the BOARD.

MEDICAL DEPARTMENT OF THE AMERICAN UNIVERSITY OF BOSTON.  
FIRST MEDICAL COLLEGE OF THE AMERICAN HEALTH SOCIETY.

EXCELSIOR MEDICAL COLLEGE.

THE exposure, in November, 1882, by the ILLINOIS STATE BOARD OF HEALTH, of the fraudulent Bellevue Medical College of Massachusetts, led to the correction of a flagrant abuse in connection with the issuing of medical diplomas in Massachusetts. The "Bellevue" was organized under the "Public Statutes relating to *Manufacturing* and other Corporations," and its officers, on the trial which resulted from the exposure referred to, pleaded that they were legally incorporated, and were empowered by the laws of Massachusetts to issue diplomas and confer degrees without any restriction as to course of study or professional attainments. The United States Commissioner, before whom the trial was had, held the plea to be valid, and dismissed the case, with the following remarks:—

"The State has authorized this college to issue degrees, and it has been done according to legal right. \* \* \* The law makes the faculty of the college the sole judges of eligibility of applicants for diplomas. There is no legal restriction, no legal requirements. *If the faculty choose to issue degrees to incompetent persons, the laws of Massachusetts authorize it.*"

As a result of this decision, the "American University of Boston," and the "First Medical College of the American Health Society," were incorporated under the same authority as the "Bellevue"; and the "Excelsior Medical College" and others were projected. The passage, (June 30, 1883), of an act forbidding any corporation, organized under the public statutes above referred to, from conferring medical degrees or issuing diplomas, or certificates conferring or purporting to confer degrees, unless specially authorized by the Legislature so to do, deprived these concerns of the only object of their creation, namely, the sale of bogus diplomas, and it was believed that they were all extinct.

Recently, however, (October, 1884) it was learned that the Boston "Bellevue" advertised an annual course to commence October 1, 1884, information concerning which was to be obtained by addressing "Prof. S. G. Ginner, M. D., 24 Dover Street, Boston, Mass." In response to a letter, thus addressed, asking terms, when it would be necessary to attend, etc., and written by a young man who had never read medicine an hour in his life, and who, in his letter of inquiry, made no claim of having done so, the following was received:

"-----, Esq., M. D.:

"MY DEAR DOCTOR:—Your favor of October 31 at hand; in reply will say that our terms for graduation are \$75. Diploma of M. D., (Doctor of Medicine.) It is not necessary for you to attend.

"If you will act as our agent in Illinois, and sell for us out West, we will supply you at \$50 each. The article is solid and will stand the test of Law.

"We prefer to do our *Hon* business from this city—card enclosed.

"Upon receipt of \$50 we will send you one, and you can have the name engraved on it to suit yourself, and that will also allow you a commission of \$25 on each sale.

"Yours very truly,

"G."

This letter is undated, and gives no locality; but the envelope is postmarked "Baltimore, Md., Nov. 14, 1884," and is endorsed "If not delivered in three days, return to Prof. S. G. Ginner, M. D., 455 W. Fayette Street, Baltimore, Md." The "card enclosed" also reads "S. G. Ginner, M. D., Physician and Surgeon, formerly surgeon in the English Royal-Navy; No. 455 W. Fayette Street, Baltimore, Md."

**MICHIGAN.****DEPARTMENT OF MEDICINE AND SURGERY OF THE UNIVERSITY OF MICHIGAN.**

ANN ARBOR, Mich. A. B. PALMER, M. D., Dean of the Faculty.

ORGANIZED in 1850. The first class was graduated in 1851. Classes have been graduated each subsequent year.

The faculty embraces eleven professors, six assistants to the professors, two demonstrators, one instructor and a curator.

COURSE OF INSTRUCTION: The thirty-fifth annual session began October 1, 1884, and will end the last part of June, 1885, continuing nine months and being divided into two semesters. At the end of each semester written examinations are held. The course of study is graded and extends over three years, but the student will be examined in the studies of the first year without attendance upon lectures. "The students are examined often upon the subjects of the lectures in progress either by the professors or assistants."

Lectures embrace: First year, human and comparative anatomy, embryology, histology, physiology, chemistry, botany, physiological chemistry, and materia medica and therapeutics. Second year, continuation in review of anatomy, histology, physiology, chemistry, and materia medica and therapeutics, with pathology and practice of medicine, surgery and obstetrics. Third year, practice of medicine, sanitary science, surgery, obstetrics and the diseases of women and children, ophthalmology and otology, and laryngology, with clinical medicine and surgery and clinical gynecology. "The above list will be understood to include all special studies that appertain to, and form an essential part of the general subjects enumerated."

REQUIREMENTS: For admission—1) eighteen years of age; 2) good moral character; 3) no previous study of medicine required for admission but candidates will be examined as to their elementary education, and their fitness to pursue properly and profitably the technical study of medicine. The examination will be in writing. The candidate will be asked to give an account of his previous educational advantages, and to answer such questions in arithmetic, geography and history, and on forms of government and current events, as shall show his general intelligence; and particularly will he be required to correct imperfect English, and to show his ability to express ideas correctly in writing. Graduates or matriculates of a university or college, graduates or advanced members of any academy or high school, persons holding certificates from any public school board as being properly qualified as teachers, and persons having certificates, based upon an examination by some recognized medical society, of being properly qualified to engage in the study of medicine, will not be required to pass the above examination.

For graduation: "To be admitted to the degree of Doctor of Medicine, a student must be twenty-one years of age and possess a good moral character; he must have successfully pursued the study of practical anatomy and practical chemistry, and, unless the full course of study has been taken in this college, he must have been engaged in the study of medicine for the period of three years, including the time spent in attendance upon lectures. He must also have passed satisfactory examinations on all the studies included in the full course of instruction; or, if admitted to advanced standing, he must have attended at least two full courses of medical lectures, the last of which was at this college, and must have passed the required examinations."

FEES: Matriculation, for residents of Michigan, \$10; for non-residents, \$25, to be paid but once. Lectures, for residents of Michigan, \$25; for non-residents, \$35. Graduation for all alike, \$10; demonstrator, \$20; laboratory, \$15.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	296	98	33+
1878-79	329	104	31.6
1879-80	350	91	26
1880-81	380	99	26
1881-82	380	90	23.7
1882-83	366	117	32
1883-84	328	85	25.9

Average percentage of graduates to matriculates, *twenty-eight.*

**DETROIT MEDICAL COLLEGE.**

DETROIT, Mich. H. O. Walker, M. D., Registrar, 177 Griswold Street.

ORGANIZED in 1868. The first class was graduated in 1869. Classes have been graduated each subsequent year.

The faculty embraces eleven professors, ten lecturers and instructors, a demonstrator, a director of dispensary clinics and three assistants.

COURSE OF INSTRUCTION: Two sessions annually. The current graduating term began September 10, 1884, and will close March 5, 1885. The recitation session begins March 11, and will terminate June 11, 1885. Didactic lectures, practical manipulative instruction,

and clinical study in hospitals and dispensary; laboratory work in chemistry and histology required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, laryngology, diseases of children, nervous diseases, orthopedic surgery, pharmacy, dermatology, ophthalmology and otology, clinical medicine, clinical surgery, histology and microscopy.

**REQUIREMENTS:** For admission—"All matriculates will be required to show on examination a satisfactory knowledge of the English branches. In place of this examination the college will except the degrees of A. B., B. S., Ph. D. certificates of having passed the entrance examination of any incorporated literary college, or any recognized medical college in which an examination is required for admission; also certificates of having graduated at any high school or academy."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures, not within the same twelvemonth; 5) examination on all branches taught in the college; 6) full course of dissection; 7) satisfactory course in chemical and physiological laboratory; 8) practical clinical work for one term in hospital and out-door clinics; 9) thesis.

**FEES:** Matriculation. \$5; lectures, \$50; hospital, \$10; graduation; \$25, summer session, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	118	27	23—
1881-82	48	11	23—
1882-83	58	13	22.4
1883-84	75	25	33.3

Average percentage of graduates to matriculates, *twenty-six*.

#### DETROIT HOMEOPATHIC MEDICAL COLLEGE.

DETROIT, Mich.

ORGANIZED in 1871. Extinct since 1876.

#### HOMEOPATHIC MEDICAL COLLEGE OF THE UNIVERSITY OF MICHIGAN.

ANN ARBOR, Mich. THOMAS P. WILSON, M. D., Dean of the Faculty.

ORGANIZED in 1875. The first class was graduated in 1877. Classes have been graduated each subsequent year.

The faculty embraces three professors, two lecturers, four assistants to chairs, and a resident physician and surgeon in hospital. Five professors of the department of medicine and surgery (regular school) give instruction to homeopathic students.

**COURSE OF INSTRUCTION:** One annual session; that of 1884-85 began October 1, 1884, and will end the last part of June, 1885. The course is graded, extending over three years, although two courses *may* suffice under certain conditions (see requirements for graduation.) Daily quizzes by the assistants of the several chairs.

Lectures as follows: The first year of the course will include anatomy, histology, general chemistry, minor surgery, materia medica, principles of medicine, preparation of medicines and their action, descriptive and anatomical botany, clinics, physical diagnosis, with the necessary practical work in the chemical and physiological laboratories. This year's work in materia medica will be devoted to teaching the source, nature, origin and method of preparing remedies, with their physiological action, and a general survey of their pathogeneses. In the second year the above studies, excepting histology and minor surgery, will be reviewed, and the student will take up general therapeutics, in connection with materia medica, diseases of women and children, obstetrics and their clinical work, materia medica, qualitative chemistry and analysis of urine, pathological anatomy, principles and practice of medicine (including hygiene or preventive medicine), principles of surgery, and ophthalmology and otology. The materia-medica work of this year will consist of special analyses and syntheses of drug-provings. In addition, the student will attend such didactic and clinical lectures on the practical branches as his progress shall render advisable. In the third year the student will enter upon the study of operative surgery, electro-therapeutics, spinal diseases and curvatures, and review obstetrics, materia medica, diseases of women and children, the principles and practice of medicine, and ophthalmology and otology, and receive practical instruction in diagnosis and treatment, both theoretical and clinical.

**REQUIREMENTS:** For admission—1) good moral character; 2) unless already a matriculate of the university, or a graduate of some respectable college, academy or high school, every candidate will be examined as to his previous education and his fitness to enter upon and appreciate the technical study of medicine. The diploma or certificate of graduation from such institutions must be presented to the dean of the faculty in order to secure exemption from examination. The examination will be in writing, and will cover the ordinary branches of an English education.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) must have attended at least seventy-five percent of the regular lectures; 5) must have spent the required time in practical anatomy, chemical analysis, etc., in the various laboratories and hospitals; 6) must have attended the usual quizzes and drills by the assistants of the several chairs; 7) must also have passed satisfactory examinations in all the studies included in the curriculum; or, *if admitted to advanced standing*, he must attend at least *two full courses* of medical lectures in this college, and pass the required examinations. Students who have completed full college courses for the first and second years in an accredited medical college, will be permitted, upon examination, to enter the third year and complete the studies of that year in this department, and to present themselves for examination for the degree at the end of the year. Students who have attended one full course of lectures in any accredited medical college previous to 1880 will be admitted to advanced standing in the course required in this department, and may be graduated on the conditions in force prior to that date. Students who have studied medicine elsewhere at least one college year, and who possess superior qualifications, may be admitted, on examination, to advanced standing.

FEES: Matriculation, for residents of Michigan, \$10; for non-residents, \$25, (paid but once.) Lectures, for residents of Michigan, \$25; for non-residents, \$35. Graduation, for all alike, \$10. Course in chemical laboratory, \$15; in physiological laboratory, \$15; in physiological laboratory, \$1; in electro-therapeutics, \$1; in anatomy, \$10.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	73	22	30+
1878-79	63	25	40—
1879-80	70	18	25.7
1880-81	88	23	26
1881-82	71	15	21+
1882-83	57	17	29
1883-84	55	20	36.3

Average percentage of graduates to matriculates, *twenty-nine*.

#### MICHIGAN COLLEGE OF MEDICINE.

DETROIT, Mich. J. B. BOOK, M. D., Registrar, 303 Jefferson Avenue.

ORGANIZED in 1880. First class was graduated in 1881, and a class has been graduated each year since.

The faculty embraces sixteen professors, one instructor and two demonstrators of anatomy.

COURSE OF INSTRUCTION: The collegiate year consists of two sessions; the regular session of 1884-85 commenced September 2, 1884, and continues six months; the spring session commences on the second Tuesday of March, and will continue three months. A three-years' graded course is recommended, but not required. Clinics at hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, otology, ophthalmology, dermatology, laryngology, clinical medicine and surgery, genito-urinary diseases, dental surgery, diseases of children and orthopedic surgery.

REQUIREMENTS: For admission—"Students entering the college, who are not in possession of the degree of a college or university, or of a certificate from a high school or other recognized educational institution, will be required to pass a satisfactory examination in the following subjects: 1) English grammar; 2) English composition (a short composition upon any subject); 3) elementary mechanics of solids and fluids; 4) arithmetic to, and including, common and decimal fractions; 5) algebra to, and including, simple equations; 6) geometry, first two books; 7) general geography and history of the United States; 8) Latin grammar and translation of easy Latin prose; 9) optional studies (one of which will be accepted in lieu of any of the above studies, except English grammar, composition and Latin), Greek, French, German, botany, zoology."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) satisfactory examination in all branches taught.

FEES: Matriculation, \$5; lectures, \$50; graduation, \$20; hospital, \$10; spring term, \$15.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1880-81	—	28	—
1881-82	72	20	28
1882-83	55	28	50.9
1883-84	71	27	38+

Average percentage of graduates to matriculates, *thirty-eight*.

**MINNESOTA.**

WINONA MEDICAL SCHOOL.  
WINONA, Minn.

ORGANIZED in 1872. Extinct. No diplomas were issued.

MINNESOTA COLLEGE HOSPITAL.

MINNEAPOLIS, Minn. F. A. DUNSMORE, M. D., Dean of the College.

ORGANIZED in 1881. Successor to the St. Paul Medical College, which was organized in 1880.

The faculty embraces twenty professors and one demonstrator.

**COURSE OF INSTRUCTION:** The collegiate year embraces a spring reading course of three months, which commences the first Monday in April, and a regular session, which begins the first Monday in October and lasts five months. A graded course is recommended, but not required. Instruction is imparted by lectures, recitations, practical work in laboratories and demonstrations, and by hospital and dispensary clinics.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, clinical medicine and surgery, dermatology, diseases of children, toxicology, nervous diseases, orthopedic surgery, genito-urinary diseases, medical and surgical dentistry.

**REQUIREMENTS:** For admission—"Before matriculation the student must pass an examination in the common English branches, including reading, writing, spelling, grammar, geography, arithmetic, and elements of physics. Candidates having a degree in arts or sciences, or presenting a certificate from a high school or other institution in good standing, or a teacher's certificate, will be admitted without examination."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) dissection of each part of the cadaver; 4) thesis; 5) three years' study; 6) two full courses of lectures.

**FEES:** Matriculation, \$5; lectures, \$50; spring course, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	25	5	20
1882-83	58	4	7
1883-84	50	7	14

Average percentage of graduates to matriculates, *twelve*.

**MEDICAL DEPARTMENT OF THE UNIVERSITY OF MINNESOTA.**

MINNEAPOLIS, Minn. PERRY H. WILLARD, M. D., Secretary of the Faculty.

ORGANIZED in 1883. The faculty embraces nine professors. This department is organized by the regents of the University, under their charter empowering them to grant degrees in medicine. The law regulating the practice of medicine in Minnesota makes this faculty also the State Medical Examining Board, with powers and duties similar to those conferred upon the STATE BOARD OF HEALTH OF ILLINOIS by the Illinois medical practice act—that is, to examine into the qualifications of those practicing medicine in the State not exempt from the provisions of the act by reason of length of practice, and to issue certificates entitling to such practice: 1) to those who establish the fact of graduation from a legally chartered medical institution in good standing; and 2) to those who, not being graduates of such institutions, pass a satisfactory examination by said board.

As the faculty of the medical department of the University, they examine and recommend to the regents candidates for the University degrees in medicine and surgery. No instruction is offered in this college. The faculty is an examining body only. Examinations include: 1) the entrance examination; 2) the scientific examination; 3) two or more professional examinations.

"I. The entrance examination embraces the English language, including writing, spelling, grammar, analysis and composition, arithmetic, elementary algebra, plane geometry, geography, United States history, general history, Latin grammar and reading, or an equivalent knowledge of German, French or Scandinavian.

"II. The scientific examination embraces physical geography, natural philosophy, elementary botany, chemistry, drawing—free-hand or mechanical.

"III. The professional examinations embrace anatomy, physiology, pathology, materia medica, therapeutics, medical chemistry, preventive medicine, practice of medicine, surgery, obstetrics, diseases of women, diseases of children, diseases of the nervous system, medical jurisprudence."

**DEGREES:** All candidates who pass the entrance, scientific and professional examinations, including the appropriate clinical and experimental tests incidental thereto, and give satisfactory evidence of having pursued professional studies as required by the by-laws, being twenty-one years of age or upwards, and of good moral character, are recommended by the faculty of the college to the board of regents to receive the degree

of Bachelor of Medicine (M. B.), which degree duly conferred is the warrant of the University of Minnesota for the practice of medicine and surgery.

Whenever the examinations in any case evince a high degree of proficiency in the literature, theory and practice of medicine, the faculty of the college permit the candidate to present and defend a thesis; this being done to their satisfaction, they recommend the candidate to receive at once the full degree of Doctor of Medicine (M. D.)

Any Bachelor of Medicine of this University who furnishes satisfactory evidence that he has been actively engaged in professional practice for three years after his graduation, and who presents and defends a thesis in the manner prescribed, is recommended to receive the degree of Doctor of Medicine (M. D.)

Doctors of Medicine of other colleges of medicine recognized by the board of regents, upon the recommendation of the faculty of this college, are recommended to receive the degree of Doctor of Medicine of this University, upon successfully defending a thesis in the manner prescribed.

All candidates for the first degree must furnish satisfactory evidence that they have severally pursued the study of medicine for four years in the office of and under the personal direction of a physician in active practice, who is a graduate of some college or school of medicine recognized by the board of regents, upon the recommendation of the faculty of this college. *Provided, however, that—*

(1) One course of lectures, with other work incidental thereto, in a college of medicine recognized as above, shall be reckoned as equivalent to eight months of such study.

(2) One term of six months in a school of medical instruction, organized and conducted in conformity with the by-laws, shall be equivalent to one year of such study under a preceptor.

(3) Three courses of lectures, with work incidental thereto, in colleges of medicine recognized as above, shall be equivalent to three years of study under a preceptor; one year at least must, in all cases, have been passed in a preceptor's office.

(4) Graduates of colleges and universities receive a credit of one year on professional study, in consideration of superior literary and scientific attainments.

The faculty of this college have authority to provide examinations for candidates for licenses in sanitary science, dental surgery and other specialties. Only Bachelors or Doctors of Medicine can become such candidates. All theses must be upon subjects approved by the faculty, must be founded on original work, and certified as the unaided productions of the candidates.

## MISSOURI.

### MISSOURI MEDICAL COLLEGE.

ST. LOUIS, Mo. T. F. PREWITT, M. D., Dean, corner Twenty-second and Olive Streets.

ORGANIZED in 1840 as the Medical Department of Kemper College. In 1845 it became the Medical Department of the University of Missouri. In 1855 it assumed its present name. The first class was graduated in 1841. It was suspended during the war, and no students were graduated in 1862, '63, '64 or '65. It is sometimes called after its founder, The McDowell Medical College.

The faculty embraces eleven professors, one adjunct professor, one lecturer, three demonstrators and two clinical assistants.

**COURSE OF INSTRUCTION:** The forty-fourth regular graduating course began October 1, 1884, and will continue five months; the spring course begins March 1, 1885, and will continue nearly three months. A three-years graded course is recommended, but not required. Clinics are given at hospitals and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, histology, clinical medicine, clinical surgery, diseases of the nervous system, diseases of children, pharmacy and microscopy.

**REQUIREMENTS:** For admission—"A preliminary examination will take place in accordance with the rules of the State Boards, as follows: 1) creditable certificates of good moral standing; 2) diplomas of graduation from a good literary and scientific college or high school; or, lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition, and elementary physics or natural philosophy."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) a satisfactory examination.

**FEES:** Matriculation, \$5; lectures, \$60; graduation, \$30; demonstrator, \$10.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	240	97	40.4
1878-79	225	90	40
1879-80	300	120	40
1880-81	265	123	46.4
1881-82	235	125	53
1882-83	210	86	41
1883-84	*252	103	40.8

Average percentage of graduates to matriculates, *forty-three.*

\*Not including seven post-graduates.

## ST. LOUIS MEDICAL COLLEGE.

ST. LOUIS, Mo. J. S. B. ALLEYNE, M. D., Dean, 3132 Washington Avenue.

ORGANIZED in 1841, as the medical department of the St. Louis University. In 1855 it was chartered as an independent institution under its present name. The first class was graduated in 1843. Classes have been graduated each subsequent year.

The faculty embraces ten professors, eight lecturers, three demonstrators and two clinical assistants.

**COURSE OF INSTRUCTION:** The collegiate year of 1884-5 embraces a spring and a winter session. The former began March 10, 1884, and continued eleven weeks. The winter graduating course began September 22, 1884, and will continue until March 1, 1885. The course of studies extends over a period of three years, and is graded.

**Lectures embrace:** First term, chemistry, chemical laboratory practice, anatomy, dissections, histology, histological demonstrations, physiology, materia medica.—Second term, chemistry, anatomy, dissections, physiology, materia medica and therapeutics, pathological anatomy, principles and practice of medicine, medical clinics, clinics for diseases of children, surgical clinics. Third term, dissections, principles and practice of medicine, principles and practice of surgery, ophthalmology, obstetrics, diseases of women, diseases of children, hygiene and forensic medicine, medical clinics, children's clinics, surgical clinics, ophthalmic clinics, gynecological clinics, clinics for diseases of the genito-urinary organs, obstetrical out-clinics.

**REQUIREMENTS:** For admission—"All students entering the college will be required to pass a satisfactory examination in the branches of a good English education, including English grammar, orthography and composition, mathematics, and elementary physics. Students who present a diploma or certificate of graduation from a literary or scientific college or a high school, shall be exempt from this preliminary examination." Students who have attended other accredited schools may obtain advanced standing by passing the examinations of the proper year.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) *must have attended three regular courses of lectures*; 5) examination in chemistry, anatomy, physiology, materia medica, therapeutics, principles and practice of medicine, clinical medicine, surgery, obstetrics, hygiene and forensic medicine, pathological anatomy.

**FEES:** Matriculation (paid but once), \$5; term fee, including demonstrator, laboratory and hospital tickets, \$90; spring session, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	180	47	26
1878-79	170	54	31.7
1879-80	163	41	25
1880-81	153	43	28
1881-82	167	29	17.3
1882-83	134	40	30
1883-84	112	33	29.4

Average percentage of graduates to matriculates, *twenty-seven*.

## MEDICAL SCHOOL OF THE UNIVERSITY OF THE STATE OF MISSOURI.

COLUMBIA, Mo. J. G. NORWOOD, M. D., Dean of the Faculty.

ORGANIZED in 1846. The first class was graduated in 1846. From 1845 to 1855 the medical department was situated at St. Louis. See Missouri Medical College. No degrees were conferred during the war, 1861-65.

Faculty embraces eight professors, nine lecturers and four examiners for medical degrees, appointed from as many district medical societies.

**COURSE OF INSTRUCTION:** One annual session of nine months' duration. The present session began September 8, 1884, the junior course closing the first Thursday in May, 1885, and the senior course ending the first Thursday in June, 1885. The course is graded, requiring only two years for completion. Instruction is given by lectures, recitations and clinical teaching. Seniors visit patients with members of the faculty. Daily examinations are made upon the lectures of the preceding day.

**Lectures embrace—Junior class:** anatomy, physiology, chemistry, meteria medica, medical botany, surgery, physics, metric system of weights and measures, laboratory work, dissecting and medical jurisprudence. Senior class: anatomy, toxicology, surgery, obstetrics, practice of medicine, lectures by special professors, laboratory work (optional), dissecting and medical jurisprudence. "No student is allowed to attend both courses the same year."

**REQUIREMENTS:** For admission, none. "Before entering the senior class all students must pass a satisfactory examination upon: 1) English grammar (Harvey) and orthography; 2) rhetoric (Hart); 3) history of the United States (Swinton) and its geography; 4) arithmetic (the four fundamental rules, denominate numbers and common fractions).

For graduation: 1) twenty-one years of age; 2) good moral character; 3) last course in this school; 4) satisfactory examination upon the prescribed course; 5) regular attend-

ance on clinics and lectures; 6) practical anatomy and chemistry, one course; 7) thesis. Percentages required at final examination are, anatomy and physiology, 85; chemistry, toxicology, pharmacy, 60; all others, 75.

FEES: Lectures, \$40; demonstrator, \$10; graduation, \$5.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	22	8	36.3
1878-79	36	6	16.6
1879-80	43	9	20.9
1880-81	40	5	12.5
1881-82	35	7	20
1882-83	25	9	36
1883-84	16	4	25

Average percentage of graduates to matriculates, *twenty-two*.

REMARKS: Notice is given of a proposed academic year for students proposing to enter the medical school after the year 1884-85. The first semester of this preparatory year is devoted to Latin, physics, zoology and drawing, English composition, arithmetic and the metrical system; and the second semester to chemistry, political science, botany, and book-keeping. A "passing grade" in these branches will, after June, 1885, be a prerequisite of entrance to the medical school.

### HUMBOLDT MEDICAL COLLEGE.

ST. LOUIS, Mo.

ORGANIZED in 185—. Extinct since 1867.

### HOMEOPATHIC MEDICAL COLLEGE OF MISSOURI.

ST. LOUIS, Mo. J. T. KENT, M. D., Registrar, 2309 Washington Avenue.

ORGANIZED originally in 1859; reorganized in 1882. Between the years 1869 and 1881, the following homeopathic colleges were organized in St. Louis, viz: The St. Louis College of Homeopathic Physicians and Surgeons, organized 1869; held two sessions and suspended after session of 1870-71. The Homeopathic Medical College of St. Louis, organized 1873. The Hering Medical College, organized in 1880. In 1880 a portion of the faculty of the Homeopathic Medical College of Missouri seceded and revived The St. Louis College of Homeopathic Physicians and Surgeons, which again held two sessions; but after the session of 1881-82 this college and the Hering were consolidated with the Homeopathic Medical College of Missouri.

The faculty of this college embraces twelve professors and one instructor.

COURSE OF INSTRUCTION: The present course of lectures began October 6, 1884, and will terminate March 1, 1885. Clinics at hospital and at dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, diseases of the nervous system, pedology, clinical medicine, clinical surgery.

REQUIREMENTS: For admission—"The applicant must present a certificate of moral character; pass an examination in all the branches of an English education and furnish evidence of scientific and literary qualifications."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) satisfactory examination on all the branches taught.

FEES: Matriculation, \$5; lectures, \$50; graduation, \$25; demonstrator, \$10.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates	Percent.
1882-83	41	11	27
1883-84	39*	19	48.7

Average percentage of graduates to matriculates, *thirty-eight*.

\*Not including four post-graduates.

## KANSAS CITY MEDICAL COLLEGE.

KANSAS CITY, Mo. E. W. SHAUFFLER, M. D., Dean of the Faculty.

ORGANIZED in 1864, as the College of Physicians and Surgeons of Kansas City. The first class was graduated in 1865; classes have been graduated each subsequent year. The school assumed its present name in 1880.

The faculty embraces twelve professors, one adjunct professor, two lecturers, two demonstrators and one instructor.

COURSE OF INSTRUCTION: One graduating session annually, which, in 1884-85 began September 17, and will close March 17, 1885. A graded three-years' course is recommended, but not required. Hospital and dispensary clinics are given.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, ophthalmology and otology, histology, urinary chemistry, clinical medicine, clinical surgery and diseases of children.

REQUIREMENTS: For admission—The action of the faculty, taken October 18, 1884, concerning preliminary examination is as follows: "Resolved, That from and including the session of 1884-85, applicants for admission to this college shall be examined in the ordinary branches of an English education, including mathematics, English composition and elementary physics. Resolved, That the President appoint a committee of three members of the faculty to conduct such examination of the class at present in attendance at this college."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of instruction; 5) personal examination on the seven principal branches of medicine.

FEES: Matriculation, (paid but once) \$5; lectures, \$50; demonstrator, \$10; hospital, \$3; graduation, \$20.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	31	9	29
1878-79	31	9	29
1879-80	44	17	38.6
1880-81	42	12	28.5
1881-82	32	16	50
1882-83	36	12	33.3
1883-84	38	15	39.4

Average percentage of graduates to matriculates, *thirty-six*.

## ST. LOUIS COLLEGE OF HOMEOPATHIC PHYSICIANS AND SURGEONS.

St. Louis, Mo.

ORGANIZED in 1869. Suspended after the session of 1870-71.—See Homeopathic Medical College of Missouri,

## ST. LOUIS ECLECTIC MEDICAL COLLEGE.

St. Louis, Mo.

ORGANIZED in 187—. Extinct in 1883.

## HOMEOPATHIC MEDICAL COLLEGE OF ST. LOUIS.

St. Louis, Mo.

ORGANIZED 1873. Extinct.

AMERICAN MEDICAL COLLEGE (*Eclectic*).

St. Louis, Mo. GEO. C. PITZER, M. D., Dean, 1103 Chambers Street.

ORGANIZED in 1873. The first class was graduated in 1874. Classes were graduated twice annually from that date up to 1883, but only one annual graduating session is now held.

The faculty embraces eight professors, one demonstrator.

COURSE OF INSTRUCTION: The regular graduating session of 1884-85 began October 6, 1884, and will terminate in March, 1885. It was preceded by a preliminary course of one week. Clinics are given at hospital and college.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, pharmacy, ophthalmology, otology, diseases of children, clinical medicine, clinical surgery and diseases of the nervous system.

REQUIREMENTS: For admission—"A good English education."

For graduation: 1) good moral character; 2) twenty-one years of age; 3) two courses of lectures; 4) three years' study; 5) "must show a record of faithful attendance both at the college and hospital lectures;" 6) satisfactory final examination.

FEEs: Tickets for the session, including matriculation and demonstrator's ticket, \$75; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	120	78	65
1878-79	66	36	54.5
1879-80	95	42	44.2
1880-81	66	22	33.3
1881-82	118	40	33.9
1882-83	114	38	33.3
1883-84	65*	15*	23+

Average percentage of graduates to matriculates, *forty-two*.

\*Not including thirteen post-graduates.

### ST. JOSEPH HOSPITAL MEDICAL COLLEGE.

ST. JOSEPH, Mo.

ORGANIZED in 1876. Five classes containing forty-five students, were graduated. In 1882, this college was merged into the St. Joseph Medical College, (*vide infra*).

### COLLEGE OF PHYSICIANS AND SURGEONS [OF ST. JOSEPH.

ST. JOSEPH, Mo.

ORGANIZED in 1878. Three classes, containing fifty students, were graduated. In 1882, this college was merged into the St. Joseph Medical College, (*vide infra*).

### ST. LOUIS COLLEGE OF PHYSICIANS AND SURGEONS.

ST. LOUIS, Mo. LOUIS BAUER, M. D., Dean, 519 Pine Street.

ORGANIZED in 1879. The first class was graduated in 1880.

The faculty embraces thirteen professors, two lecturers and one demonstrator.

COURSE OF INSTRUCTION: A preliminary session of four weeks' duration begins on the second Monday in September. The regular graduating session commences on the second Monday of October and continues until the first Saturday of March. A three-years' graded course is recommended, but not required. Clinics are given at hospitals and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, military surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, dermatology and syphilis, laryngology, clinical medicine, clinical surgery, toxicology and diseases of the nervous system.

REQUIREMENTS: For admission—"The prospective student must present certificate of possessing a good general English education; if without it, he will be examined in the various branches which constitute such an education, to wit: 1) English grammar, orthography, mathematics, physics and history of the United States; 2) his age must not be less than eighteen; 3) he must present credible evidences of a good moral character."

For graduation: 1) twenty-one years of age; 2) a good moral character; 3) at least three years' study of medicine; 4) attendance on two courses of lectures.

STUDENTS: Number of matriculates and graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	19	5	26.3
1880-81	41	9	22—
1881-82	49	12	24.5
1882-83	69	31	45
1883-84	57	27	47.3

Average percentage of graduates to matriculates, *thirty-six*.

## JOPLIN COLLEGE OF PHYSICIANS AND SURGEONS.

JOPLIN, Mo.

ORGANIZED in 1880. The first class was graduated in 1881. The school became extinct in 1884.

HERING MEDICAL COLLEGE (*Homeopathic*.)

ST. LOUIS, Mo.

ORGANIZED 1880. See Homeopathic Medical College of Missouri.

## NORTHWESTERN MEDICAL COLLEGE OF ST. JOSEPH.

ST. JOSEPH, Mo. J. P. CHESNEY, M. D., Secretary, Felix, between Seventh and Eighth Sts.

ORGANIZED in 1880. The first class was graduated in 1881.

The faculty embraces nine professors and four lecturers.

COURSE OF INSTRUCTION: The regular graduating term begins the first Monday in October and continues five months.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, obstetrics and gynecology, hygiene, medical jurisprudence, diseases of children, diseases of the nervous system, otology and ophthalmology, clinical medicine, clinical surgery, genito-urinary diseases and electro-therapeutics.

REQUIREMENTS: For admission—1) credible certificate of good moral character; 2) diploma of graduation from a good literary and scientific college or high school; or lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition and elementary physics or natural philosophy.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses; 4) satisfactory examination; 5) thesis.

FEES: For the entire course, \$45; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, an percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percentage.
1880-81	40	23	57.5
1881-82	40	26	65
1882-83	31	18	58
1883-84	39	10	25.8

Average percentage of graduates to matriculates, *fifty-one*.

## JOPLIN MEDICAL COLLEGE.

JOPLIN, Mo.

ORGANIZED in 1881. Extinct.

## MEDICAL DEPARTMENT OF THE UNIVERSITY OF KANSAS CITY.

KANSAS CITY, Mo. JOHN W. ELSTON, M. D., Secretary, 515 May Street.

ORGANIZED in 1881. The first class was graduated in 1882.

The faculty embraces fifteen professors, one adjunct professor and two lecturers.

COURSE OF INSTRUCTION: The fourth annual session opened September 15, 1884, and will continue twenty-six weeks. The spring course opens about the middle of March, and continues ten weeks. Instruction is given by lectures, clinics, practical courses in the dissecting room, laboratories and by repeated examinations. A three-years' course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, nervous and mental diseases, orthopedic surgery, diseases of the throat and chest, diseases of children, pharmacy, genito-urinary diseases, clinical medicine and clinical surgery.

REQUIREMENTS: For admission—"Every applicant must be of good moral character, and possess the evidences of a good English education. He should also possess a sufficient knowledge of Latin to read and write current prescriptions. Every candidate for matriculation, unless a graduate of some college, high school or academy, or holds a certificate of some literary institution, will be examined to ascertain his fitness for entering upon and appreciating the study of medicine."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) clinical instruction during one term; 6) dissection of each region of the body; 7) full and satisfactory examination in each branch.

FEES: Matriculation, \$5; lectures, \$50; demonstrator, \$10; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	25	11	44
1882-83	28	8	38.6
1883-84	45	14	31.1

Average percentage of graduates to matriculates, *thirty-four*.

#### ST. JOSEPH MEDICAL COLLEGE.

ST. JOSEPH, MO. JACOB GEIGER, M. D., Dean, corner Sixth and Francis Streets.

ORGANIZED in 1882, by the union of the St. Joseph Hospital Medical College and the College of Physicians and Surgeons of St. Joseph. The first class graduated in 1883.

The faculty embraces eleven professors, two lecturers and one demonstrator.

COURSE OF INSTRUCTION: The eighth regular course of lectures commenced October 6, 1884, and will continue five months. Clinics are given in hospital and dispensary. A three-years' course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, mental and nervous diseases, ophthalmology and otology, diseases of children, genito-urinary diseases, diseases of throat and nose, clinical medicine and clinical surgery.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) dissection "continuously"; 6) hospital clinics; 7) satisfactory examination on all branches taught in this college; 8) thesis.

FEES: Matriculation, \$5; lectures, \$35; demonstrator, \$10; graduation, \$35.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-83	24	8	33.3
1883-84	35	6	17.1

Average percentage of graduates to matriculates, *twenty-four*.

REMARKS: A second (summer) examination is held for candidates who do not pass an entirely satisfactory examination in certain departments, not exceeding three in number. If they pass these examinations, which are held six months after the regular examination, "they will be recommended to the board of trustees for the degree."

#### KANSAS CITY HOSPITAL COLLEGE OF MEDICINE.

KANSAS CITY, MO. E. G. GRANVILLE, M. D., Secretary of the Faculty.

ORGANIZED in 1882. The first class was graduated in 1883. The faculty embraces eleven professors and one adjunct professor.

COURSE OF INSTRUCTION: The third annual graduating session began October 15, 1884, and will close March 15, 1885.

Lectures embrace subjects grouped as follows: "Orthopedic, military and clinical surgery, and allopathic materia medica"; "principles of surgery and gynecology"; obstetrics and diseases of women and children; "allopathic theory and practice, and clinical medicine"; "homeopathic therapeutics, theory and practice of clinical medicine"; "eclectic materia medica and practice, and clinical medicine"; "anatomy and diseases of the nervous system"; diseases of the eye, ear and throat; physiology and histology; chemistry; medical jurisprudence.

REQUIREMENTS: For admission—"Each candidate must be not less than eighteen years of age, male or female, and must present to the faculty satisfactory evidence of good moral character. They will be required to present such evidence as will show that their preliminary education and training are sufficient to enable them to profitably and properly engage in the study of medicine. This will, of course, include the elements of a thorough English education."

For graduation: 1) good moral character; 2) twenty-one years of age; 3) three years' study; 4) two full courses of lectures; 5) satisfactory examination in all the branches taught in the college.

FEES: Matriculation, \$5; lectures, \$30; demonstrator, \$10; graduation, \$20.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1882-3	18	11	61.1
1883-4	19	9	47.3

Average percentage of graduates to matriculates, *fifty-four*.

REMARKS: The following verbatim extracts from the last annual announcement are necessary to a better understanding of the matter given above under the caption "Course of Instruction": "We declare that we will teach medicine and not prejudice, and to this end we will teach every science usually taught in medical colleges. In the allopathic school a complete course is presented to the student. Every chair of a regular faculty of medicine is well filled. Homeopathy is taught by a distinguished adherent to the law of *similia similibus curanter*. The materia medica and its application to the cure of disease will be as completely taught as in any homeopathic school in the country. Eclectic medicine will be taught by a professor of large experience. All that is known as distinctive of this school of medicine will be thoroughly taught"—(two lectures each week).

#### WOMAN'S MEDICAL COLLEGE OF ST. LOUIS—*Homeopathic*.

ST. LOUIS, Mo.

ORGANIZED in 1883, and after giving one course of lectures it became extinct.

#### MISSOURI STATE BOARD OF HEALTH.

HANNIBAL, Mo. J. C. HEARNE, M. D., Secretary of the Board.

ORGANIZED in July, 1883. This Board is clothed with powers, with respect to the practice of medicine in Missouri, substantially the same as those possessed by the STATE BOARD OF HEALTH OF ILLINOIS. The laws creating the Board, and defining its powers and duties, are almost identical with those of Illinois—for text of which see pp. v-xv., ante. Its standard of recognition of medical colleges as in good standing, and its examination of non-graduate applicants for certificates, are also the same as those in Illinois.

### NEBRASKA.

#### OMAHA MEDICAL COLLEGE.

OMAHA, Neb. GEORGE B. AYERS, M. D., Secretary, 1402 Douglas Street.

ORGANIZED in 1881. The outgrowth of a preparatory school, established in 1880, under the name of the Nebraska School of Medicine.

The faculty embraces sixteen professors and a demonstrator.

COURSE OF INSTRUCTION: The regular graduating session of 1884-85 began October 6, 1884, and will close March 26, 1885. A three-years' graded course is recommended, but not required. The members of the faculty devote a portion of each day to examinations on the subjects of the previous lectures. Clinics are given at the college and in the hospitals.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, ophthalmology and otology, laryngology, toxicology, diseases of children, diseases of the mind, clinical medicine and clinical surgery.

REQUIREMENTS: For admission—"All candidates must present to the faculty satisfactory evidence of a good moral character, and must be at least eighteen years of age, and unless holding a certificate or diploma from some literary institution, must pass an examination in the English branches."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "such primary education as is clearly requisite for a proper standing with the public and the profession"; 4) three years' study; 5) two full courses; 6) clinical instruction for two sessions; 7) practical anatomy (to the extent of having dissected all the regions of the body) and chemistry, one course; 8) full and satisfactory written and oral examination on each branch taught; 9) close attendance on all lectures.

FEES: Matriculation, \$5; demonstrator, \$10; lectures, \$35; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	33	8	23
1882-83	30	9	30
1883-84	20	4	20

Average percentage of graduates to matriculates, *twenty-five*.

REMARKS: Six partial-course students are counted among the matriculates of 1881-82, and five among the matriculates of 1882-83.

## COLLEGE OF MEDICINE OF THE UNIVERSITY OF NEBRASKA.

*Regular Department.*

LINCOLN, Neb. A. R. MITCHELL, M. D., Dean of the Faculty.

ORGANIZED in 1883. The first class was graduated in 1884. The faculty consists of nine professors and four lecturers.

COURSE OF INSTRUCTION: The regular session of 1884-85 began September 17, 1884, and will end March 19, 1885. Instruction consists of didactic and clinical lectures, and laboratory work in each department.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, ophthalmology and otology, orthopedic surgery, diseases of children, clinical medicine and clinical surgery.

REQUIREMENTS: For admission—"No one will be admitted to this department unless the faculty is satisfied that he is sufficiently advanced in an English education to pursue, with advantage, the study of medicine."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "must successfully pursue the study of practical anatomy and practical chemistry"; 4) thesis; 5) three-years' study; 6) two full courses of lectures; 7) satisfactory examination in all branches taught.

FEES: Matriculation, \$5; tuition, free.

STUDENTS: Number of students reported at session of 1883-84, matriculates, 15; graduates, 3; percentage of graduates to matriculates, *twenty*.

## COLLEGE OF MEDICINE OF THE UNIVERSITY OF NEBRASKA.

*Homeopathic Department.*

LINCOLN, Neb. BARTLETT L. PAINE, M. D.

ORGANIZED in 1883. First class graduated in 1884. Faculty consists of three professors and three lecturers.

COURSE OF INSTRUCTION: Session of 1884-85 began September 9, 1884, and will terminate March 19, 1885. Medical jurisprudence, surgery, physiology, diseases of the eye and ear are taught by the professors of those branches in the regular department. Obstetrics and diseases of women and children, materia medica and therapeutics, theory and practice of medicine, electro-therapeutics, surgical diseases of women and organic diseases of the chest, comprise the subjects of the chairs at the homeopathic faculty.

REQUIREMENTS: For admission and graduation, see requirements of regular department.

FEES: Matriculation, \$5; tuition, free.

STUDENTS: Number of students, session of 1883-84, matriculates, 14; graduates, 3; percentage of graduates to matriculates, *twenty-one*.

## COLLEGE OF MEDICINE OF THE UNIVERSITY OF NEBRASKA.

*Eclectic Department.*

LINCOLN, Neb. Prof. WILLIAM S. LATTI, M. D.

ORGANIZED in 1883. First class was graduated in 1884. Faculty consists of three professors.

COURSE OF INSTRUCTION: Session of 1884-85 began September 9, 1884, and will continue until March 19, 1885. Physiology, chemistry, surgery, medical jurisprudence, ophthalmology and otology are taught by professors of the regular department; while the eclectic faculty lecture upon theory and practice of medicine, obstetrics and diseases of women and children, and materia medica and therapeutics.

REQUIREMENTS: For admission and graduation, see requirements of regular department.

FEES: Matriculation, \$5; tuition, free.

STUDENTS: Number of students, session 1883-4, matriculates, 16; graduates, 1; percentage of graduates to matriculates, *six*.

**NEW HAMPSHIRE.**

## MEDICAL DEPARTMENT OF DARTMOUTH COLLEGE.

*(New Hampshire Medical Institute.)*

HANOVER, N. H. CARLTON P. FROST, M. D., Dean of the Faculty.

ORGANIZED in 1797. The first class was graduated in 1798. Classes have been graduated each subsequent year. The faculty embraces eleven professors and one instructor.

COURSE OF INSTRUCTION: One regular lecture course of sixteen weeks' duration. The eighty-eighth annual session commenced July 30, 1884. A recitation term begins December 10, 1884, and ends June 20, 1885. "Clinical instruction will be given to as large an extent as circumstances will admit." Lectures are as follows: The courses in surgery and practice consist of sixty-six lectures each; in anatomy and physiology, ninety-nine lectures; in obstetrics and therapeutics, forty-four lectures each; in gynecology, of twenty-two lectures; shorter courses in medical jurisprudence, mental diseases, ophthalmology, laryngology, pharmacy and urinary analysis; the course in chemistry consists of lectures and laboratory work.

REQUIREMENTS: For admission—"Applicants must be eighteen years of age, and, unless already matriculates of some regular medical college or graduates of some reputable college, academy or high school, will be examined as to their fitness for entering upon and appreciating the technical study of medicine. They will be expected to be familiar with the elementary principles of physics (light, heat, electricity, etc.), on entrance.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) three full years' study; 5) one course of dissection. Two examinations annually.

FEES: Matriculation, \$5; lectures, \$77; graduation, \$25; recitation term, \$40.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877	87	30	34.5
1878	88	23	26
1879	80	26	32.5
1880	78	29	37
1881	91	43	47.2
1882	76	28	36.8
1883	80	40	50

Average percentage of graduates to matriculates, *thirty-eight*.

## NEW ENGLAND UNIVERSITY OF THE ARTS AND SCIENCES.

MANCHESTER, N. H.

FRAUDULENT. Extinct.

**NEW JERSEY.**

## MEDICAL SOCIETY OF NEW JERSEY.

ORGANIZED in 1776. The society does not give instruction. It was authorized to confer the degree of M. D., in 1866. The section of the act to reorganize the Medical Society of New Jersey and conferring this power, is as follows: "And be it enacted, that the society shall have the authority to confer the degree of M. D., under such rules and regulations as they may adopt, which degree shall be deemed sufficient evidence of a regularly educated and qualified practitioner of the healing art."

Regulations of the society concerning the conferring of the degree of Doctor of Medicine and honorary membership:

SECTION 1. Candidates for the degree of medicine doctor may apply to any district society of this State, and shall be admitted to examination under the following rules and regulations:

1st. Each district society shall appoint annually, or *pro re nata*, a committee of not less than five members, who shall conduct the examination.

2d. All examinations shall be in the presence of the society at a regular meeting; and no candidate shall be examined until he has given satisfactory evidence of having reached the age of twenty-one years; is of good moral character; and has pursued his medical studies under the care of some regular practitioner for the term of three years, including two courses of lectures in some medical institution in affiliation with the American Medical Association. If he has not graduated at some academic college, then the society shall be satisfied that his preliminary education has been such as to qualify him for the study and practice of medicine.

3d. The examination shall extend to all the branches taught in the medical schools recognized as aforesaid; and the candidate shall then be balloted for by the society; and if he shall receive the approving votes of two-thirds of all the members present, the presiding officer shall give a certificate to that effect to the candidate.

4th. This certificate may be presented at the next or any subsequent regular meeting of this society, not extending beyond the period of three years, with a written thesis upon some medical subject; and if upon a ballot they shall be approved by a majority of the members present, the candidate, upon the payment of fifteen dollars, shall be entitled to receive a diploma.

The honorary degree of M. D. may be conferred by the society, by a vote by ballot of three-fourths of the members present; provided the nomination shall have been made at a preceding meeting, and provided the candidate has been a regular practitioner for the period of seven years.

§ 2. Practitioners of medicine of this or any other State may be admitted as honorary members by a vote by ballot of the society, provided that the nomination be made at a previous meeting. The nomination shall be referred to a special committee of three appointed by the president, and the nominee shall not be considered as eligible to election till the committee report. The privilege of honorary membership shall not confer the right to vote.

GRADUATES: Eight or ten diplomas have been conferred. Two were conferred in 1881, and one at the last meeting of the society in 1883.

#### LIVINGSTON UNIVERSITY.

HADDONFIELD, N. J.

A BUCHANAN institution; fraudulent, and now extinct.

#### HYGEO-THERAPEUTIC COLLEGE.

BERGEN HEIGHTS, N. J.

EXTINCT.

### NEW YORK.

#### COLLEGE OF PHYSICIANS AND SURGEONS IN THE CITY OF NEW YORK.

*Medical Department of Columbia College.*

NEW YORK CITY. JOHN G. CURTIS, M. D., Secretary, Cor. Twenty-third St. and Fourth Avenue.

ORGANIZED in 1807, by the regents of the University of the State of New York, as their medical department, under the name of the College of Physicians and Surgeons in the City of New York. The institution was connected with the Columbia College for a short period in 1814, and became permanently connected with it in 1860, when the Medical Department of Columbia College was added to the original title. The original Medical Department of Columbia College was organized in 1767; it was suspended during the war of the Revolution, and became extinct in 1813. The first class was graduated by this college in 1811. Classes have been graduated each subsequent year.

The faculty embraces seventeen professors, two clinical lecturers, three demonstrators, one director physiological laboratory, and thirty clinical assistants.

COURSE OF INSTRUCTION: The session of 1884-85 began October 1, and will end about the first of May. Instruction consists of didactic lectures with demonstrations, clinical teaching, recitations, and practical teaching in subjects involving manipulation. Clinics at hospitals and dispensaries free to matriculates and optional. Recitations are held daily by a special corps of examiners, optional; fees required, \$40. Many special courses, fees varying from \$12 to \$20. A three-years' graded course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, diseases of children, diseases of the mind and nervous system, dermatology and laryngology.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures on anatomy, physiology, chemistry, materia medica and therapeutics, obstetrics, surgery, pathology and practical medicine; 5) satisfactory examination in seven branches; 6) thesis. The examinations for the degree of Doctor of Medicine are in writing, and are held twice a year, viz: 1) immediately after the close of the lectures of the college year in May; 2) during the second and third weeks of September. According to the merits of his thesis and examinations three results of the latter are possible in the case of a candidate for the degree of M. D.: 1. He is "passed" when his thesis and examinations have been satisfactory in each and all of the seven principal branches of medical teaching. 2. He is "conditioned" when the average merit of his thesis and examinations has been satisfactory, while in one or more branches he has been found deficient. In this case the candidate can proceed to his degree only on the condition that he first pass a re-examination in the deficient branch or branches, not

sooner than at the next regular semi-annual examination. 3. He is "rejected" when the average merit of his thesis and examinations has been unsatisfactory; *in this case the candidate must be re-examined in all the seven branches, but the writing of a new thesis is rarely required.*

FEES: Matriculation, \$5; lectures, \$140; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	413	109	27
1878-79	485	95	19.6
1879-80	513	117	22.8
1880-81	555	120	21.6
1881-82	547	115	21
1882-83	543	125	23
1883-84	505	105	20.7

Average percentage of graduates to matriculates, *twenty-two.*

#### COLLEGE OF PHYSICIANS AND SURGEONS OF THE WESTERN DISTRICT OF NEW YORK.

FAIRFIELD, N. Y.

ORGANIZED in 1812. Extinct since 1840. During its existence it afforded instruction to 3123 students and graduated 589.

#### NEW MEDICAL INSTITUTION.

*Medical Department of Queen's College, New Jersey.*

NEW YORK CITY.

ORGANIZED in 1814; suspended in 1816. In 1826 the Medical Institution was revived under the auspices of Rutgers's (formerly Queen's) College, N. J., but became extinct in 1830. It is probable that the diplomas issued after its revival were illegal.

#### NEW YORK REFORMED MEDICAL COLLEGE—*Eclectic.*

NEW YORK CITY.

ORGANIZED in 1836. Extinct.

#### NEW YORK SCHOOL OF MEDICINE.

NEW YORK CITY.

ORGANIZED under the auspices of the New York County Medical Society in 1831.

#### AUBURN MEDICAL SCHOOL.

AUBURN, N. Y.

EXTINCT.—Date of organization and extinction unknown.

#### GENEVA MEDICAL COLLEGE.

GENEVA, N. Y.

ORGANIZED in 1839. Extinct. Merged into the College of Medicine of Syracuse University in 1872 (*vide infra.*)

#### ALBANY MEDICAL COLLEGE.

*Medical Department of Union University.*

ALBANY, N. Y. WILLIS G. TUCKER, M. D., Registrar, 4 Lancaster Street.

ORGANIZED in 1839. The first class was graduated in 1840. It became connected with Union University in 1873, when the present title was assumed.

The faculty embraces twelve professors, two lecturers, one curator and one demonstrator.

**COURSE OF INSTRUCTION:** The regular graduating session of 1884-85 began September 9, 1884, and will close March 4, 1885. Written examinations are held monthly, clinics at hospitals and dispensary. A three-years' graded course is substantially required for graduation.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, dermatology, psychological medicine, ophthalmology and otology, diseases of children, and diseases of the throat and chest.

**REQUIREMENTS:** For admission—"Graduates from recognized colleges, scientific schools or medical institutions, and students presenting certificates of competency from the censors of the medical society of the county from which they come, will not be required to pass the preliminary examination on joining the school. All others will be required to pass examinations by a page written at the time, of which the orthography, grammatical construction and penmanship will be considered, and in arithmetic, grammar, geography and elementary physics.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three-years' study; 4) "three-years' graded course in this college, or the equivalent of the first two courses elsewhere and the last in this college," except as hereafter provided; 5) thesis; 6) "satisfactory examination in the several branches of medicine and surgery, final examinations being conducted chiefly in writing." Regular and punctual attendance is required.

The proviso above referred to is as follows: "1) That graduates of recognized literary colleges, scientific schools or colleges of pharmacy will be allowed to present themselves for graduation at the end of their second full course if all other requirements for graduation are fulfilled; 2) that students desiring to enter the second year class may do so if they successfully pass an examination in anatomy, materia medica, chemistry and physiology, and are deemed competent so to enter; and 3) that students who have attended a full course of lectures elsewhere may enter the senior class on passing a satisfactory entrance examination in all the departments. Students entering the second-year class, in either instance as above provided, must attend the full course of lectures each year, and are examined in all the branches at the end of their second course. Students entering the senior class as above provided must attend the full course of lectures, and are examined in all the branches at its close."

**FEES:** Matriculation, \$5; lectures, \$100; demonstrator, \$10; graduation, \$25; laboratory, \$10.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	153	31	20.2
1878-79	161	43	26.7
1879-80	178	46	25.8
1880-81	172	58	33.7
1881-82	170	54	31.7
1882-83	157	51	32.5
1883-84	149	43	28.8

Average percentage of graduates to matriculates during the past seven years, *twenty-nine.*

## MEDICAL DEPARTMENT OF THE UNIVERSITY OF THE CITY OF NEW YORK.

*University Medical College.*

NEW YORK CITY. CHARLES INSLEE PARDEE, M. D., Dean, 410 E. Twenty-sixth Street.

ORGANIZED IN 1841. The first class was graduated in 1842. Classes have been graduated in each subsequent year.

The faculty embraces nineteen professors, fourteen assistant instructors, two demonstrators and nineteen clinical assistants.

**COURSE OF INSTRUCTION:** The collegiate year of 1884-85 is divided into three sessions—a preliminary term, which began September 17, and continued until October 1, 1884; the regular winter course then began, and will continue to the middle of March, 1885; to be followed by a spring session of ten weeks immediately thereafter. Instruction consists of didactic and clinical lectures, recitations, practical demonstrations of subjects involving manipulation, and practice at the bedside and in the laboratories.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, orthopedic surgery, dermatology and mental diseases.

**REQUIREMENTS:** For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) "two winter sessions of lectures"; 4) three-years' study; 5) one course of practical anatomy; 6) satisfactory written examinations on surgery, chemistry, practice of medicine, materia medica, anatomy, physiology and obstetrics. Rejected candidates will not be permitted to apply for a re-examination for one year. Honorary degrees are not granted. Two com-

mencements take place annually, at either of which the candidates who have complied with the above requirements may graduate; the first is at the close of the winter, the second at the close of the spring session.

FEES: Matriculation, \$5; lectures, \$140; demonstrator, \$10; graduation, \$30; private instruction in practical branches, averaging \$12 per course.

STUDENTS: Number of matriculates and of graduates at each session reported, and average percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	509	153	30
1878-79	556	204	36.7
1879-80	609	205	33.6
1880-81	623	200	32.1
1881-82	575	213	37
1882-83	528	163	30.8
1883-84	526*	164*	31.1

Average percentage of graduates to matriculates, *thirty-three*.

REMARKS: "With a view to the final establishment of a systematic, graduated scheme of tuition, students who have attended two full courses of lectures, and who have completed two years of study, may be admitted to a special examination in chemistry, anatomy and physiology, and, if successful, will be examined at the end of the next winter session on practice, materia medica and therapeutics, surgery and obstetrics.—*Extract from the Forty-fourth Annual Announcement.*

\*Not including twenty-five post-graduates.

MEDICAL DEPARTMENT OF THE UNIVERSITY OF BUFFALO.  
BUFFALO, N. Y. CHARLES CARY, M. D., Secretary, 340 Delaware Street.

ORGANIZED in 1846. The first class was graduated in 1847. Classes have been graduated each subsequent year.

The faculty embraces twelve professors, two lecturers and one demonstrator. The faculty of the spring course consists of ten lectures.

COURSE OF INSTRUCTION: The regular term of 1884-85 commenced on September 25, 1884, and will continue twenty-two weeks. The spring course begins the first Monday after commencement, and continues eight weeks. The course of instruction includes scholastic and clinical teaching, with systematic recitations and special instruction. A three-years' graded course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, toxicology, ophthalmology and otology, psychological medicine dermatology and microscopy.

REQUIREMENTS: For admission—"A certificate from the student's preceptor of his moral character, and that he is duly entered, and properly qualified to study medicine, must be presented, on matriculating. The responsibility of sufficient preliminary education rests, of necessity, with the private instructor."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) "dissection of the lateral half of the subject, either here or elsewhere;" 5) two full courses of lectures; 6) satisfactory examination in the several departments; 7) thesis.

FEES: Matriculation, \$5; lectures, \$100; demonstrator, \$10; graduation, \$25; spring course, \$15.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	114	42	36.8
1878-79	126	40	31.7
1879-80	138	53	38.3
1880-81	154	48	31.1
1881-82	172	65	37.8
1882-83	178	57	32
1883-84	155	62	40

Average percent. of graduates to matriculates during the past seven years, *thirty-five*.

REMARKS: CHAS. CARY, M. D., Secretary, writes: "Until we have in New York State a board of examiners—which I sincerely hope is in the near future—or until the leading colleges take the initiative, we in Buffalo can not very well establish matriculation examinations,—although we realize the fact that three out of ten students rejected last year, were rejected on account of deficient preliminary education."

NEW YORK MEDICAL COLLEGE.  
NEW YORK CITY.

ORGANIZED in 1852. Extinct since 1857 (?).

MEDICAL COLLEGE OF NEW YORK CITY.  
NEW YORK CITY.

EXTINCT.

EXCELSIOR MEDICAL COLLEGE.  
NEW YORK CITY.

EXTINCT.

METROPOLITAN MEDICAL COLLEGE.  
NEW YORK CITY.

EXTINCT.

SYRACUSE ECLECTIC MEDICAL COLLEGE.  
SYRACUSE, N. Y.

ORGANIZED in 185-. Extinct.

ROCHESTER ECLECTIC MEDICAL COLLEGE.  
ROCHESTER, N. Y.

ORGANIZED in 1851. Lectures delivered during three or four sessions. Extinct.

LONG ISLAND COLLEGE HOSPITAL.

BROOKLYN, N. Y. SAMUEL G. ARMOR, M. D., LL. D., Dean, 31 Schermerhorn Street.

ORGANIZED in 1860. The first class was graduated in 1861; classes have been graduated each subsequent year.

The faculty embraces nine professors, two lecturers, eleven lecturers on special subjects, and one demonstrator. During the preliminary term there are engaged twelve lecturers and one demonstrator (mostly professors and lecturers of the regulation lecture term), and ten clinical assistants.

COURSE OF INSTRUCTION: The collegiate year is divided into a preliminary and a regular term; the former, for the present year, began September 17, and continues until December 19, 1884; and the latter will begin January 5, and continues until June 3, 1885. A graded course, extending over two collegiate years of nine months each, is recommended, but not required; fifty percent. of the entire class have taken this course for the last four years.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, laryngology, toxicology, ophthalmology and otology, diseases of children, dermatology, nervous diseases and genito-urinary diseases.

REQUIREMENTS: For admission—"In the early part of the regular term candidates will have oral and written examinations, for the purpose of testing their general literary qualifications. Students who have already passed the written examinations in the elementary departments, and graduates of literary, scientific and medical schools will not be required to pass the examinations for general literary qualification."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years study; 4) two full courses of lectures, not completed in the same twelvemonth; 5) practical anatomy, to the extent of having dissected each region of the body; 6) one course of practical chemistry and urine analysis; 7) one course in practical histology and pathology; 8) pass satisfactory examinations, both oral and written, in chemistry, histology, anatomy, physiology, materia medica, therapeutics, pathology, gynecology, obstetrics, surgery, and practice of medicine. But one examination each year.

FEES: Matriculation, \$5; demonstrator, \$5; chemical laboratory, \$5; pathological laboratory, \$5; lectures, \$100; reading term, \$40; graduation, \$250.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	120	40	33.3
1878-79	115	33	28.7
1879-80	118	43	36.5
1880-81	141	51	36.1
1881-82	159	61	38.3
1882-83	154	51	33.4
1883-84	122	37	30.3

Average percentage of graduates to matriculates, *thirty-four*.

## NEW YORK HOMEOPATHIC MEDICAL COLLEGE.

NEW YORK CITY. EDGAR V. MOFFAT, M. D., Secretary, 149 W. Forty-fourth Street.

ORGANIZED in 1860. The first class was graduated in 1861. Classes have been graduated each subsequent year.

The faculty embraces twenty-one professors, two assistant professors, four lecturers, eight clinical assistants and instructors, and four demonstrators.

**COURSE OF INSTRUCTION:** The session of 1881-85 opened October 7, 1884, and terminates April 15, 1885. The course of instruction is graded, and provision is made for three classes of students—a junior, a middle and a senior class; but the curriculum for graduation may be completed in two courses of lectures.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, diseases of the heart and lungs, diseases of children, laryngology, mental and nervous diseases, ophthalmology and otology, orthopedic surgery, dermatology and genito-urinary diseases.

**REQUIREMENTS:** For admission—"An entrance examination will be held preliminary to matriculation, covering the simple English branches. Any college or high school graduate or student who has passed the entrance examinations to any regular literary college will be excused from this examination upon presenting diploma or satisfactory evidence to that effect."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years study; 4) two full courses of lectures; 5) one course of practical anatomy; 6) satisfactory examination in each department; 7) thesis.

**FEES:** Matriculation, \$5; lectures, \$125; demonstrator, \$10; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	152	38	25
1878-79	152	40	26.3
1879-80	128	33	25.8
1880-81	165	54	32.7
1881-82	146	36	24.6
1882-83	145	47	32.4
1883-84	153	53	34.6

Average percentage of graduates to matriculates, *twenty-nine*.

## BELLEVUE HOSPITAL MEDICAL COLLEGE.

NEW YORK CITY. AUSTIN FLINT, Jr., M. D., Secretary of the Faculty.

ORGANIZED in 1861. The first class was graduated in 1862. Classes have been graduated each subsequent year.

The faculty embraces eleven professors, seven professors of special departments, one lecturer, seven demonstrators, fifteen assistants to chairs and two prosectors. Three lecturers give instruction during the spring term.

**COURSE OF INSTRUCTION:** The winter session of 1884-85 began September 17, 1884, and will close in the latter part of March, 1885. The spring course will begin March 17, 1885, and continue until the middle of June. Attendance upon three courses of lectures is recommended, and provision is made for the examination of those pursuing this plan. Hospital clinics are numerous. Regular weekly quizzes are held by members of the faculty upon the subjects of the lectures; these examinations are confined to candidates for graduation.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, orthopedic surgery, ophthalmology and otology, cutaneous and genito-urinary diseases, diseases of children, toxicology, diseases of the throat. Private courses on practical subjects are given by the faculty and instructors; average fee, \$20.

**REQUIREMENTS:** For admission—none, except for those who expect to present their tickets or diplomas for recognition in Great Britain. For such, a special matriculation examination is provided, upon the following subjects: English language, including grammar and composition; arithmetic, including vulgar and decimal fractions; algebra, including simple equations; geometry, first two books of Euclid; Latin translation and grammar. In addition to the above, one of the following optional studies is required: Greek, French, German or natural philosophy, including mechanics, hydrostatics, and pneumatics; text-books: Latin—Cæsar (*De Bello Gallico*), first two books; natural philosophy—Peck's Ganot, or Parker's philosophy; Greek—first chapter of St. John's Gospel; French—first chapter of *Télémaque*, or Charles XII.; German—Adler's Reader, first part. From those who expect to practice only in this country this examination is not required.

For graduation: 1) twenty-one years of age; 2) proper testimonials of character; 3) three years' study; 4) two full courses of lectures; 5) satisfactory examination in each of the seven departments of instruction, viz.; practice of medicine, surgery, obstetrics

materia medica and therapeutics, physiology, anatomy and chemistry—the examinations upon practice of medicine and surgery include diseases of the nervous system, pathological anatomy, ophthalmology and diseases of the skin; 6) one course of practical anatomy.

FEES: Matriculation, \$5; lectures, \$140; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	423	130	30.7
1878-79	450	165	36.6
1879-80	502	142	28.3
1880-81	379	118	31.1
1881-82	480	163	34—
1882-83	467	167	35.7
1883-84	434	149	34.3

Average percentage of graduates to matriculates, *thirty-three*.

REMARKS: There are three regular examinations for the degree: one at the close of the winter session, one at the close of the spring session, and one during the first week in October. The June and October examinations are exclusively for the benefit of those students who have attended the courses of lectures required, the last course being at this college, but whose time of study does not expire until the summer or fall. Graduates of other accredited colleges are examined in all the departments, the same as undergraduates, and must fulfill all the requirements demanded of undergraduates. The faculty will not grant a degree to any graduate of three or more years' standing who does not exhibit to the secretary a certificate of membership in some medical society entitled to representation in the American Medical Association. This rule is invariable.

#### NEW YORK MEDICAL COLLEGE AND HOSPITAL FOR WOMEN—*Homeopathic*.

NEW YORK CITY. CLEMENCE S. LOZIER, M. D., Dean, 103 W. Forty-eighth Street.

ORGANIZED in 1863. The first class was graduated in 1864. Classes have been graduated each subsequent year.

The faculty embraces seventeen professors, three lecturers and one demonstrator.

COURSE OF INSTRUCTION: The regular session of 1884-85 began October 2, 1884, and continues twenty-four weeks. The curriculum of studies extends over a three-years' graded course, and is arranged as follows: "First year, theoretical and inorganic chemistry, physiology, general and descriptive anatomy, histology, hygiene—dissections will be obligatory on all students of this year; second year, organic chemistry, with toxicology, histology and pathological anatomy, physiology, anatomy, hygiene, materia medica, surgery, obstetrics, pathology and practice of medicine. Students of this year will attend such clinical lectures as the faculty may approve, and are expected to finish their dissections to the satisfaction of the professor of anatomy.—Third year, continuation of pathology and practice of medicine, materia medica, obstetrics, gynecology, diseases of children, surgery, ophthalmology and otology, diseases of the chest, medical jurisprudence, pathological anatomy, and mental and nervous diseases. During this year students are required to attend the various clinics of the college. Each student will also be required to take charge of obstetrical cases." Actual attendance on lectures is required.

REQUIREMENTS: For admission—"Applicants for matriculation are required to give satisfactory testimony of moral character, together with proof of having arrived at the age of eighteen years; they must also pass an examination in the English branches."

For graduation: 1) twenty-one years of age; 2) three full years' study; 3) three complete courses of lectures; 4) thesis; 5) satisfactory examinations both before the faculty and the board of censors.

FEES: Matriculation, each year, \$5; lectures, per session, \$60; demonstrator, \$10; graduation, \$10.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	—	27	—
1878-79	—	6	—
1879-80	—	7	—
1880-81	—	5	—
1881-82	—	10	—
1882-83	—	8	—
1883-84	—	8	—

The number of matriculates for the past seven years has averaged between 40 and 50 each year; and the average percentage of graduates to matriculates during the same period is *twenty-three*.

REMARKS: The trustees announce that "they will henceforth make the course of study *unequivocally a three-years' graded course*. \* \* \* While studying one year with a preceptor may be excellent preparation for entering college, it can not take the place of the instruction given during the first year in college; hence this decision by the board." There is no provision for admitting students to advanced standing by examination; but a literal compliance with the requirements of attendance upon three full lecture terms is specified as a condition of graduation.

ECLECTIC MEDICAL COLLEGE OF THE CITY OF NEW YORK.  
NEW YORK CITY. GEORGE W. BOSKOWITZ, M. D., Dean, 1 Livingston Place.

ORGANIZED in 1865. The first class was graduated in 1866. Classes have been graduated each subsequent year.

The faculty embraces eight professors and two lecturers.

COURSE OF INSTRUCTION: The twenty-fourth annual session began October 6, 1884, and continues six months. Clinics in hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and diseases of women and children, medical jurisprudence, toxicology, and diseases of the eye, throat and skin.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) three years' study under the supervision of a reputable physician; 3) two full terms of instruction; 4) a thesis on some medical subject.

FEES: Matriculation, \$5; lectures, \$100; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	107	26	24.3
1878-79	138	24	17.4
1879-80	143	32	22.3
1880-81	215	64	29.7
1881-82	146	50	34.2
1882-83	131	37	28.2
1883-84	96*	19*	19.7

Average percentage of graduates to matriculates, *twenty-six*.

\* Not including six post-graduates.

WOMAN'S MEDICAL COLLEGE OF THE NEW YORK INFIRMARY.

NEW YORK CITY. EMLY BLACKWELL, M. D., Dean, 123 Second Avenue.

ORGANIZED in 1868. The first class was graduated in 1870. Classes have been graduated each subsequent year.

The faculty embraces eight professors, four clinical professors, four lecturers, two lecturers adjunct, one demonstrator and four instructors.

COURSE OF INSTRUCTION: "The college year is divided into two terms of four months' each; and half of the studies appropriate to the year are allotted to each of these terms. The first term lasts from October 1 to February 1. The second from February 1 to May 15. The course of study required to render a student eligible for graduation covers three college years. Those students who wish to do so may, however, divide the second of their three years into two, thus completing their course in four years."

Division of studies: "First year—anatomy, chemistry, physiology, materia medica and histology. Students will also dissect, and work in the pharmaceutical, chemical and histological laboratories. Second year—studies in anatomy, physiology and chemistry will be repeated. Elementary studies will be made in pathological anatomy, practice, surgery, obstetrics, therapeutics and hygiene. Third year—pathological anatomy, practice, surgery, obstetrics, therapeutics and hygiene completed. Attendance on the college clinics will be required. During this year each student enjoys the privilege of attending upon ten cases of obstetrics in the infirmary wards; of witnessing operations at the infirmary, as also at other hospitals in the city, and may listen to the clinical lectures at Bellevue." Each professor quizzes on his own lectures, and an instructor is attached to each chair to assist in quizzing.

REQUIREMENTS: For admission—Students entering the graded college course, unless they bring a diploma from some recognized literary school, will be required to pass a preliminary examination in the following branches: 1. Orthography, English composition and penmanship, by means of a page written at the time and place of examination. 2. Definitions and synonyms as found in "The Scholar's Companion." 3. Latin, through declensions and conjugations. 4. Arithmetic in denominate numbers, fractions, proportion, percentage and the roots. 5. Algebra, Davies' Elementary, through simple equations. 6. Geometry, Davies' Legendre, first and second books. 7. Botany, physics and chemistry, as found in "Science Primers," edited by Profs. Huxley, Roscoe and Balfour Stewart.

For graduation, 1) twenty-one years of age; 2) good moral character; 3) have a good general education; 4) three years in the study of medicine, during which 5) they must have attended three winter sessions of lectures, and 6) received clinical instruction according to the course laid down by this school; 7) a thesis on some medical subject; 8) satisfactory examinations before the faculty and the board of examiners will also be required.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	—	7	—
1878-79	—	10	—
1879-80	—	11	—
1880-81	60	8	13.3
1881-82	49	10	20.4
1882-83	40	5	12.5
1883-84	40	9	22.5

Average percentage of graduates to matriculates, *sixteen*.

REMARKS: "A course of lectures in any recognized school will be accepted as one of the terms required, but the last course before graduation must have been attended at this college. The faculty also reserve the right to refuse examination to a student on the ground of what they deem to be moral or mental unfitness for the profession. An annual course of lectures in any accredited school will be received as equivalent to a course of lectures in this school, but a certificate of reading under a preceptor will not be received as equivalent to a course of lectures."

Candidates for graduation are examined by a board of seven examiners not otherwise connected with the college.

### NEW YORK FREE MEDICAL COLLEGE FOR WOMEN.

NEW YORK CITY.

ORGANIZED in 1871. Extinct.

### COLLEGE OF MEDICINE OF SYRACUSE UNIVERSITY.

SYRACUSE, N. Y. WILLIAM T. PLANT, M. D., Registrar, 18 Harrison Street.

ORGANIZED in 1872, as the College of Physicians and Surgeons of Syracuse University. In 1875 it assumed its present title. The Geneva Medical College, organized in 1836, was merged into this institution. The first class was graduated in 1873. Classes have been graduated each subsequent year.

The faculty embraces eleven professors, three lecturers, three instructors, and a director anatomical laboratory.

COURSE OF INSTRUCTION: The college year begins the first Tuesday in October and ends on the second Thursday in June. Attendance at college during a three-years' graded course is recommended, but not absolutely required. Students are divided into three classes, according to their proficiency and time of study. Studies—"First year: anatomy, physiology, chemistry, microscopy, histology and botany. Second year: anatomy, physiology, medical chemistry, materia medica, practice, surgery, pathology and clinics. Third year: therapeutics, practice, surgery, obstetrics, diseases of children, pathology, gynecology, forensic medicine, ophthalmology and clinics."

REQUIREMENTS: For admission—Evidence of possessing a fair preliminary education or examination in the branches of a common English education. Students who have already pursued the study of medicine to some extent, may be examined and promoted to such advanced standing as their acquirements entitle them to. Candidates for the second year will come prepared for the examination in anatomy on the bones, joints and muscles; on nutrition in physiology; on the inorganic part of Attfield's chemistry; on the optical principles of the microscope; on part 1 of Harris and Power's Manual for the Physiological Laboratory; and on the principles of botany.

For graduation: 1) twenty-one years of age; 2) good character; 3) three years' study, the last of which, at least, must have been spent in this school; 4) satisfactory examinations.

FEES: Matriculation, \$5; lectures, \$100; chemical laboratory, \$10; anatomical laboratory, \$10; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percentage.
1878-79	40	5	12.5
1879-80	51	6	11.7
1880-81	60	20	33.3
1881-82	45	11	24.4
1882-83	44	12	27.2
1883-84	46	11	23.9

Average percentage of graduates to matriculates, *twenty-three*.

REMARKS: "Besides the faculty examinations, candidates for the degree are examined orally by the censors appointed by the State, district and county medical societies."

THE REGENTS OF THE UNIVERSITY OF NEW YORK STATE.  
OFFICE AT ALBANY, N. Y.

FROM the law conferring the power of granting diplomas, passed in 1872, the following is taken:

The regents of the University shall not grant a diploma conferring the degree of Doctor of Medicine upon any one who has not, for at least three years after the age of sixteen, pursued the study of medical science with some physician or surgeon duly authorized to practice, and also attended two complete courses of all the lectures delivered to an incorporated medical college. The regents of the University in the State of New York are authorized to appoint one or more boards of examiners in medicine, which shall consist of not less than seven regularly licensed physicians and surgeons in the State. This board shall examine all candidates, referred to them by the chancellor, in anatomy, physiology, materia medica, pathology, histology, clinical medicine, chemistry, surgery, midwifery and therapeutics.

All persons who are over twenty-one years of age, of good moral character, and can produce to the chancellor satisfactory proof that they have competent knowledge of all the branches of learning taught in the common schools of the State, and of the Latin language, and have diligently studied medicine for not less than three years, can apply to the chancellor for an examination by a board of examiners. The fee for an examination shall be \$25. The regents shall grant, to any candidate who has been recommended by five members of the board of examiners, a diploma conferring the degree of Doctor of Medicine from the University of New York. Ten dollars must be paid for this diploma.

UNITED STATES MEDICAL COLLEGE—*Eclectic*.  
NEW YORK CITY.

ORGANIZED in 1878, in a manner which has since been declared illegal by the State Supreme Court. Extinct.

COLLEGE OF PHYSICIANS AND SURGEONS OF BUFFALO.  
BUFFALO, N. Y.

ORGANIZED in 1879, in a manner which has been decided illegal by the Supreme Court of the State. The first class was graduated in 1880. No class was graduated in 1882. From a circular issued prior to the last session, the following extracts are taken: "The character of the teachings will, as in the past, be liberal to the fullest extent; allopathy and homoeopathy being thoroughly taught by an able staff of medical men. Liberal medicine is rapidly surpassing the old and 'bigotted' systems, whose graduates should not be considered thoroughly 'competant' to go out into the world to practice the *healing art*: whereas, Liberal Medicine gives them a thorough knowledge of *all* the useful systems, thereby enabling them to more successfully cope with disease and death."

MEDICAL DEPARTMENT OF NIAGARA UNIVERSITY.  
BUFFALO, N. Y. A. A. HUBBELL, M.D., Secretary, 212 Franklin Street.

ORGANIZED in 1833. The faculty embraces twelve professors, five lecturers and three demonstrators.

COURSE OF INSTRUCTION: A winter course of twenty-five weeks' duration, and a spring course of eight weeks, are given annually. The current winter course began October 1, 1884, and will close March 21, 1885. The time of study required is three years, including three full terms of medical lectures of six months each, and an extension to four years is recommended.

Division of studies: First year—general chemistry, materia medica, pharmacy, histology, anatomy, physiology, dissections, laboratory work. Examinations at the end of the year in general chemistry, materia medica and pharmacy, and in part in anatomy and physiology. Second year—medical chemistry, anatomy, physiology, pathology, therapeutics, hygiene, obstetrics, principles and practice of medicine, principles and practice of surgery, dissections, laboratory work, clinics. Examinations at the end of the year in medical chemistry, anatomy, physiology, pathology, therapeutics and obstetrics. Third year—principles and practice of surgery, operative surgery, obstetrics, diseases of children, diseases of women, diseases of the eye, ear and throat, diseases of the skin, diseases of the nervous system and insanity, genito-urinary diseases, medical jurisprudence, clinical instruction in each department. Examinations at the end of the year for the degree. Students who have attended one full course of lectures elsewhere will be admitted to the second year of this school, after passing the examinations of the first year's studies.

REQUIREMENTS: For admission—All (new) students must pass a matriculation examination in such studies as are considered necessary to fit them for the study of medicine, except students who shall produce testamentary evidence of preliminary qualification from a recognized school or college.

For graduation: 1) twenty-one years of age; 2) a liberal education; 3) at least three years' study of medicine; 4) a good moral character; 5) at least three full courses of medical lectures; 6) completion of the curriculum of this school; 7) satisfactory final examinations before the faculty and board of examiners.

FEES: Matriculation, \$5; lectures, \$60; demonstrator, \$5; graduation, \$25; spring course, \$15.

STUDENTS: Number of matriculates during the session of 1883-84, 13.

### HYGEO-MEDICAL COLLEGE OF NEW YORK.

NEW YORK CITY.

EXTINCT.

## NORTH CAROLINA.

### MEDICAL DEPARTMENT OF THE UNIVERSITY OF NORTH CAROLINA.

CHAPEL HILL, N. C.

ORGANIZED in 1796. This school only gives instruction in medicine, and does not now grant degrees. It granted diplomas in former years.

### MEDICAL COLLEGE IN ROBESON COUNTY, N. C.

"A COLLEGE, located in the back woods of Robeson county, was chartered by the State, in 18— . After a career as harmful as it was possible for it to be—sending out yearly numbers of men with diplomas, to prey upon innocent communities on the South Carolina border—it came to an abrupt end, by the death of its only professor."—*Extract from Presidential Address of Dr. Wood.*

### LEONARD MEDICAL SCHOOL.

*Medical Department of Shaw University.*

RALEIGH, N. C. Rev. H. M. TUPPER, A. M., President of the University.

ORGANIZED in 1882, for the education of colored students. The faculty consists of five professors.

COURSE OF INSTRUCTION: The session of 1881-85, beginning November 3, 1884, continues five months. Graded course of study, extending over four years. Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, laryngology, ophthalmology and otology, diseases of children, dermatology and diseases of the nervous system.

REQUIREMENTS: For admission—"Applicants must be at least eighteen years of age, and will be required to pass a preliminary examination sufficient to show their fitness to enter upon the study of medicine, unless they can furnish a certificate of their previous standing in school from some principal or president of a reputable institution of learning." A literary course of two years' duration, preliminary to the medical course, has been established by the university. Nine students have completed this course.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) four-years' graded course; 4) dissect the entire cadaver; 5) thesis; 6) satisfactory examinations, an average of seventy-five per cent. being required to pass.

FEES: Matriculation, \$5; lectures, \$60; graduation, \$20.

STUDENTS: Number of matriculates, session of 1883-84, 12.

## OHIO

### MEDICAL COLLEGE OF OHIO.

CINCINNATI, O. JAMES G. HYNDMAN, M. D., Secretary, 22 W. Ninth Street.

ORGANIZED in 1819. The first class was graduated in 1821. Classes have been graduated each subsequent year. In 1858 the Miami Medical College was merged into this institution, and continued in this relation until 1865, when the Miami was re-established. (See Miami Medical College, *infra*.)

The faculty embraces ten professors, nine assistants to chairs, three lecturers and three demonstrators.

COURSE OF INSTRUCTION: A preliminary session of two weeks, regular session, which for 1881-85 began September 17, 1884, and ends March 1, 1885, and a spring term of six weeks, annually. Clinics at hospital and dispensary, and private courses for advanced students and practitioners on special topics in medicine and surgery.

Lectures embrace ophthalmology, otology, anatomy, clinical surgery, materia medica, therapeutics, clinical medicine, theory and practice of medicine, principles and practice of surgery, obstetrics, diseases of children, gynecology, physiology, medical chemistry, clinical laryngology, pathology, dermatology, histology and hygiene.

REQUIREMENTS: For admission—"Applicants for admission to the college must give evidence of at least a good English education, including mathematics and the elementary principles of physics. An examination on these subjects, as taught in the common schools, will be conducted by a committee of the faculty. Graduates of a literary or scientific college, high school or academy, gentlemen having a county or State teacher's certificate, graduates in medicine, and students desiring to pursue a special course of study—other than for the purpose of securing the degree—will be exempt from this examination. \* \* \* Students whose previous course of study is equivalent to that required for admission may, by special arrangement, be admitted on certificate of their preceptors."

"The general demand for a good preliminary education of those about to enter our profession is shown by the recent utterances of the American Medical Association and the enactments of several State boards of health. We desire to call special attention to the fact that in several States the diplomas of such schools as do not require an examination preliminary to entrance are not accepted as qualifying for practice."

For graduation: 1) satisfactory evidence of good moral character, and of having attained the age of twenty-one years; 2) satisfactory certificate of having studied medicine for at least three years under a *regular* graduate, or licentiate and practitioner of medicine, in good standing, using the word "regular" in the sense commonly understood in the medical profession. "No candidate shall be eligible for final examination for graduation unless his term of three years' study shall have been completed, or shall expire at a date not later than three months after the close of the final examinations;" 3) at least two full courses of instruction; 4) dissections of at least two regions of the body; 5) clinical instruction (hospital) during each year of attendance; 6) a satisfactory examination in each branch taught in the college.

FEES: Professors' ticket, \$75; matriculation ticket, \$5; dissecting ticket (including material), \$10; practical chemistry (including material), \$10; practical histology (including material), \$10; practical pathology (including material), \$10; hospital ticket, \$5; graduation fee, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	304	102	33.5
1879-80	326	103	31.6
1881-82	341	104	30.5
1882-83	302	102	33.7
1883-84	257	100	38.8

Average percentage of graduates to matriculates, *thirty-three*.

#### WORTHINGTON MEDICAL COLLEGE—*Eclectic*.

Medical Department of Ohio University

WORTHINGTON, O.

ORGANIZED in 1832. Removed to Cincinnati in 1843. Classes were graduated in 1834, 1835, 1836, 1837 and 1838. In 1845 the name was changed, and it became the Eclectic Medical Institute. (Vide *infra*.)

#### THE CINCINNATI MEDICAL COLLEGE.

CINCINNATI, O.

ORGANIZED in 1834. Merged into the Medical College of Ohio in 1846.

#### MEDICAL DEPARTMENT OF THE WILLOUGHBY UNIVERSITY.

WILLOUGHBY, Lake County, O.

ORGANIZED in 1835. Extinct.

#### PHYSIO-MEDICAL COLLEGE.

Cincinnati Literary and Scientific Institute.

CINCINNATI, O.

ORGANIZED in 1836. Graduated classes until 1880. Extinct.

#### AMERICAN MEDICAL COLLEGE.

CINCINNATI, O.

ORGANIZED in 1839. Merged into the Eclectic Medical Institute in 1857.

MEDICAL DEPARTMENT OF THE WESTERN RESERVE UNIVERSITY.

Cleveland Medical College, Medical Department of Adelbert College of the Western Reserve University.

CLEVELAND, O. C. B. PARKER, M. D., Secretary, 193 Erie Street.

ORGANIZED in 1843, as the Medical Department of the Western Reserve University. Reorganized in 1881, when the name became the Medical Department of Adelbert College. See appended remarks. In 1884 the former and present title was resumed. The first class was graduated in 1844. Classes have been graduated in each subsequent year.

The faculty embraces fifteen professors and two demonstrators.

COURSE OF INSTRUCTION: The college year embraces a special spring and a regular winter course. The spring term of 1881 opened April 2, and continued twelve weeks; the regular winter term opened September 10, 1884, and continues twenty-four weeks, ending February 25, 1885. The plan of instruction includes lectures, clinics, recitations, quizzes and practical demonstrations. Three-years' graded course recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, diseases of children, and orthopedic surgery.

REQUIREMENTS: For admission—1) credible certificate of good moral standing; 2) diploma of graduation from a literary and scientific college or high school; or, lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition, and elementary physics or natural philosophy.

For graduation: 1) Good English education; 2) twenty-one years of age; 3) three-years' study; 4) two full courses of lectures; 5) thesis.

FEES: Matriculation, \$5; lectures (including hospital), \$50; graduating, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	86	27	31.4
1881-82	188	83	44.1
1882-83	161	50	31
1883-84	167	54	32.3

Average percentage of graduates to matriculates, *thirty-six*.

REMARKS: Dr. PARKER, the secretary, furnishes the following: In 1881 Mr. AMASA STONE, of Cleveland, donated \$500,000 to the Western Reserve University, then at Hudson, O., on condition that the name should be changed to Adelbert College of Western Reserve University, and remove to Cleveland. About the same time the Cleveland Medical College and the Medical Department of Wooster University united as the Medical Department of Western Reserve University. Through Mr. STONE's efforts the bill of incorporation, passed in 1881, changed this title to the Medical Department of Adelbert College of Western Reserve University; but on his death the heirs consented to the resumption of the present title, and in March, 1882, the ad eundem degree of the Medical Department of Western Reserve University was conferred upon all graduates of the Cleveland Medical College and upon such graduates of the Wooster Medical Department previous to 1881 as desired it. Dr. PARKER adds: "We have a strict entrance examination and a written final examination. One-half of our students take the three-years' graded course."

ECLECTIC MEDICAL INSTITUTE.

CINCINNATI, O. JOHN M. SCUDDER, M. D., 228 Court Street.

Organized in 1845, as the successor of the Worthington Medical College (organized in 1832, *vide supra*). The American Medical College was merged into this school in 1857, and the Eclectic College of Medicine and Surgery in 1859. The first class was graduated in 1845, and two or more classes have been graduated each subsequent year.

The faculty embraces eight professors and a demonstrator; the professor of pathology and the practice of medicine also lectures upon hygiene, and the professor of surgery lectures upon medical jurisprudence.

COURSE OF INSTRUCTION: Two sessions annually. The regular session of 1884-85 commenced September 1, 1884, and continues twenty weeks; the spring session will commence January 12 and close June 3, 1885. A three-years' graded course is recommended, but not required. Clinics at hospital and college.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, clinical medicine, pathology, surgery, obstetrics and gynecology, hygiene and medical jurisprudence.

REQUIREMENTS: For admission—none are specified in the announcement, but it is stated that the college will "furnish facilities (at small cost) for a thorough review in all the branches of a good English education, mathematics, physics and natural history."

For graduation: "Students applying for graduation must have read medicine for three years and attended two full courses of lectures in different years, the last of which has been in this institution; or have read two years and attended three courses of lectures; or have attended four courses of lectures without previous reading. Examinations for the degree of Doctor of Medicine will be held at the close of both winter and spring sessions, but there will be but one public commencement yearly—at the close of the spring session, and all diplomas will bear date of the first Tuesday in June."

FEES: Lectures, including matriculation and demonstrator's fees, \$75; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	267	121	45.3
1878-79	209	74	35.4
1879-80	243	50	20.5
1880-81	316	114	36+
1881-82	272	160	36.7
1882-83	225	64	28.4
1883-84	*190	83	43.6

Average percentage of graduates to matriculates, *thirty-five*.

\*Not including three post-graduates.

#### STARLING MEDICAL COLLEGE.

COLUMBUS, O. T. C. HOOVER, M. D., Registrar, 229 East State Street.

ORGANIZED in 1847. The first class was graduated in 1848, and classes have been graduated in each subsequent year.

The faculty embraces thirteen professors, one lecturer and one demonstrator.

COURSE OF INSTRUCTION: The regular session of 1881-85 began September 10, 1884, and closes March 4, 1885. A three-years' graded course is recommended, but not required. Clinics at hospital.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, diseases of children, ophthalmology and otology and toxicology.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses; 4) successful examination; 5) thesis; 6) one course of dissection.

FEES: Matriculation, \$5; demonstrator, \$5; lectures, \$40; laboratory, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, percentage of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	65	26	40
1878-79	48	20	41.8
1879-80	71	26	36.6
1880-81	99	35	35.3
1881-82	116	55	45.7
1882-83	59	25	40.7
1883-84	71	25	35.2

Average percentage of graduates to matriculates, *forty*.

#### HOMEOPATHIC HOSPITAL COLLEGE.

CLEVELAND, O. W. A. PHILLIPS, M. D., Registrar, 83 Prospect Street.

ORGANIZED in 1849, as the Western College of Homeopathic Medicine. In 1857 the name was changed to the Western Homeopathic College, and in 1870 the corporation assumed the present title. In 1870 the Homeopathic College for Women was merged into this institution. The first class was graduated in 1850. Classes have been graduated in each subsequent year.

The faculty embraces eleven professors, one adjunct professor, two lecturers, and one demonstrator.

COURSE OF INSTRUCTION: The regular annual term of 1884-85 began September 24, 1884, and closes March 24, 1885. A three-years' graded course is recommended, but not required. Previous to each lecture the class will be daily questioned upon the subject of the preceding lecture.

Lectures embrace anatomy, physiology, chemistry, materia medica, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, ophthalmology and otology, histology, nervous and mental diseases.

**REQUIREMENTS:** For admission—"All applicants must present a degree in letters or science, or a teacher's certificate, or pass a creditable examination in orthography, penmanship, composition, English grammar and United States history. This examination is designed to show that each matriculate has at least a fair English education."

**For graduation:** 1) twenty-one years of age; 2) two full courses of lectures; 3) three years' study; 4) good English scholarship; 5) well sustained written examinations.

**FEES:** Matriculation, (paid only once) \$5; lectures, \$60; demonstrator, \$10; hospital, \$5; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	106	34	32
1878-79	108	25	23+
1879-80	130	25	19.2
1880-81	131	26	19.8
1881-82	129	26	20+
1882-83	131	55	50.9
1883-84	91	40	43.9

Average percentage of graduates to matriculates, *twenty-eight*.

### CINCINNATI COLLEGE OF MEDICINE AND SURGERY.

CINCINNATI, O. R. C. STOCKTON REED, A. M., M. D., Dean, 164 George Street.

**ORGANIZED** in 1849. The first class was graduated in 1852, and one or more classes have been graduated each subsequent year.

The faculty embraces seven professors, seven associate professors, and one demonstrator.

**COURSE OF INSTRUCTION:** The regular graduating session of 1884-85 began September 16, 1884, and closes February 23, 1885, with a holiday vacation of nine days. Students may, if they desire, have their course of instruction graded.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, ophthalmology and otology, laryngology, oral surgery, and diseases of children.

**REQUIREMENTS:** For admission—"Students presenting themselves for matriculation, must possess a degree from some recognized literary college or high school, or a certificate from a county school examiner or board of examiners entitling the holder to teach, not less than one year; or evidence of a fair English education to the entire satisfaction of the faculty."

**For graduation:** 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) three years' study; 5) satisfactory examination; 6) practical anatomy for one session; 7) hospital clinics for one session.

**FEES:** Matriculation, \$5; demonstrator (including material), \$10; hospital, \$5; lectures, \$40; graduation, \$25.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1876-77	137	68	50—
1877-78	80	32	40
1878-79	—	26	—
1879-80	66	27	40.9
1880-81	93	30	32.2
1881-82	35	15	42.8
1882-83	46	15	34.7
1883-84	—	14	—

Average percentage of graduates to matriculates, *forty*.

### MIAMI MEDICAL COLLEGE.

CINCINNATI, O. W. CLENDENIN, M.D., Dean, 136 West Seventh Street.

**ORGANIZED** in 1852. Classes were graduated from 1853 to 1857, inclusive. In 1858 this college was merged into the Medical College of Ohio—which see, ante. In 1865 the Miami Medical College was re-established and a class was graduated in 1866, since which time classes have been graduated annually.

The faculty embraces eleven professors, two lecturers, five assistants to chairs, three demonstrators, one prosector and one pharmacist.

**COURSE OF INSTRUCTION:** The winter session of 1884-85 began September 13, 1884, and continues for five months and a half. It was preceded by a preliminary course of two weeks, and will be followed by a spring term. A three-years' graded course is recommended, but not required—see "Remarks" appended. Special hours are devoted by each professor to review examinations of his preceding lectures. Clinics at dispensary and hospital.

Lectures embrace (by chairs) clinical medicine, principles and practice of surgery, ophthalmology, aural surgery and clinical ophthalmology, obstetrics and clinical midwifery, principles and practice of medicine and clinical medicine, materia medica and therapeutics, diseases of women and children and clinical gynecology, chemistry and toxicology, genito-urinary and venereal diseases and clinical surgery, physiology, clinical laryngology and hygiene, descriptive and surgical anatomy and clinical medicine.

REQUIREMENTS: For admission 1) credible certificates of good moral standing; 2) diplomas of graduation from a good literary and scientific college or high school, or, lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition and elementary physics or natural philosophy.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; one course of 5) practical anatomy, 6) of practical chemistry, and 7) of clinics at the hospital; 8) full and satisfactory examination on each branch taught in the college.

FEES: Matriculation, \$5; demonstrator, \$5; practical chemistry, \$7; practical physiology and histology, \$7; lectures, \$75; graduation, \$25; hospital, \$5.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	129	50	38.7
1878-79	120	33	27.5
1879-80	147	48	32.7
1880-81	126	34	27—
1881-82	124	41	33+
1882-83	114	41	36—
1883-84	104	28	26.9

Average percentage of graduates to matriculates, *thirty-two*.

REMARKS: The system of instruction is so arranged as to give the student his choice of two courses; one of these is the course commonly given in other medical colleges, and may be completed (in the college) in two years, and consists of two courses of didactic and clinical lectures, including laboratory instruction and dissections. The other course is designated the "Graded Course," and based upon the fact that a regular systematic graded course is the proper one (indeed necessary) for acquiring a knowledge of any of the sciences, and a number of years' experience in this school has fully demonstrated that the "Graded Course" is, in every respect, much the better one of the two, and is urged upon the students by the faculty, as it allows ample time for thorough and practical work in all departments, while the evils of the cramming system are avoided.—*Extract from the twenty-fifth annual announcement.*

## ECLECTIC COLLEGE OF MEDICINE AND SURGERY.

CINCINNATI, O.

ORGANIZED in 1856. Classes were graduated in 1857, 1853 and 1859. Merged into the Eclectic Medical Institute in 1859.

## PHYSIO-MEDICAL INSTITUTE.

CINCINNATI, O. WILLIAM H. COOK, M. D., Dean, 80 West Eighth Street.

ORGANIZED in 1859. The first class was graduated in 1860, and classes have been graduated in each subsequent year.

The faculty embraces fourteen professors, and two demonstrators.

COURSE OF INSTRUCTION: The session of 1884-85 began October 1, 1884, and closes March 11, 1885. A three-years' graded course is recommended, but not required. Each professor holds daily quizzes.

Lectures embrace anatomy, physiology, chemistry, toxicology, materia medica and therapeutics, science and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, pharmacy, microscopy, histology, ophthalmology and otology, insanity and mental diseases, dentistry, diseases of children.

REQUIREMENTS: For admission—"Students must, either by high school certificate or suitable examination, give evidence of having a good English education; furnish satisfactory evidence of proper preparation and of good moral character."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three full years' study; 4) two full courses of lectures, and 5) hospital attendance; 6) two courses of dissections; 7) punctual attendance on all the college lectures, graduates' reviews and the two terms of hospital clinics; 8) "written examination in all the departments of instruction." "The standing of the student in the written exercises in practice and the graduates' reviews must also be satisfactory."

FEES: Matriculation, \$5; demonstrator, \$5; hospital, \$5; lectures, \$50; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	37	14	38—
1878-79	33	7	21+
1879-80	35	12	34.2
1880-81	34	11	32.3
1881-82	36	12	33.3
1882-83	26	12	46+
1883-84	31	10	32.2

Average percentage of graduates to matriculates, *thirty-four*.

#### MEDICAL DEPARTMENT OF THE UNIVERSITY OF WOOSTER.

CLEVELAND, O. THEODORE A. WEED, M. D., L. R. C. P., Lond., Secretary, 282 Pearl Street.

ORGANIZED in 1864, as the Charity Hospital Medical College. It was transferred to its present connection in 1870. The first class was graduated in 1865. One or more classes have been graduated in each subsequent year, excepting 1881.

The faculty embraces fifteen professors, two lecturers, two assistants to chairs, one pharmacist, three dispensary physicians and one demonstrator.

COURSE OF INSTRUCTION: Two equal sessions of five months each. The sessions of 1884-85 open September 10, 1884, and March 4, 1885, respectively. Students who have fulfilled the requirements can graduate at the close of either session. A graded course, covering four sessions in two years, is recommended, but not required. Clinics in hospital and dispensary. Five recitations are held each week by professors to review their lectures.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, dermatology, diseases of children, ophthalmology and otology.

REQUIREMENTS: For admission—1) credible certificates of good moral standing; 2) diplomas of graduation from a good literary and scientific college or high school; or, lacking this, a thorough examination in the branches of a good English education, including mathematics, English composition, and elementary physics or natural philosophy.

For graduation: 1) twenty-one years' of age; 2) three years' study; 3) two dissections of two parts each, at different sessions; 4) two full courses of lectures; 5) satisfactory written examinations on all branches taught. "Candidates (for graduation) having no registration in this college must furnish the following: 1) a certificate of character and prior educational attainments; 2) a certificate of time of study with the date of beginning; and 3) certificates showing what lectures—if any—they have attended, and with whom, and to what extent they have studied practical anatomy."

FEES: Matriculation, \$5; hospital, \$5 demonstrator, \$5; lectures, \$40; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1878	83	24	29—
1879	89	37	41.5
1880	88	38	43+
1881	106	37	35—
1882	33	14	42.4
1883	57	17	21+
1884	46	16	34.7

Average percentage of graduates to matriculates, *thirty-six*.

#### PULTE MEDICAL COLLEGE—*Homeopathic*.

CINCINNATI, O. J. M. CRAWFORD, M. D., Registrar, 136 W. Eighth Street.

ORGANIZED in 1872. The first class was graduated in 1873. Classes have been graduated in each subsequent year.

The faculty embraces eleven professors, two lecturers and two demonstrators.

COURSE OF INSTRUCTION; The session of 1884-85 began September 24, 1884; closes March 3, 1885. A three-years' graded course is recommended, but not required. Clinics at hospital and dispensary; quizzes by professors and students' society.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, ophthalmology and otology, and diseases of nervous system, pedology.

REQUIREMENTS: For admission—"An entrance examination will be held preliminary to matriculation, covering the common English branches. Any student presenting a college or high school diploma, or a certificate of admission to any literary college, or a

teacher's certificate, will be exempt from this examination. This rule does not apply to those who have already matriculated in this college."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) three years' study; 5) thorough examination on all subjects taught in the school; 6) dissection of two parts.

FEES: Matriculation, (paid but once), \$5; lectures, \$50; hospital, \$5; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	—	44	—
1878-79	—	29	—
1879-80	—	22	—
1880-81	88	41	46.6
1881-82	79	34	43+
1882-83	66	31	47
1883-84	65	16	24.6

Average percentage of graduates to matriculates, *forty-one*.

### AMERICAN HEALTH COLLEGE.

CINCINNATI, O.

ORGANIZED in 1874-'6. The faculty embraces one person, who teaches "the great vitapathic system, which he originated and copyrighted." The following is extracted from the author's "little red book":

"The author furnishes books, printed lessons, formulas, receipts, specifics, and special modes of vital treatment for all diseases, with the sure method of diagnosis, and all lessons belonging to the vitapathic system, with diploma and full right to practice, to physicians of all schools and all well qualified persons who can learn the new system at home. Males, for \$100. Females, for \$75. Male students who need verbal lessons and full college course, with all the above, \$150. Female students (the same), \$100.

"N. B.—Students can get general medical instruction wherever most convenient, but best at our branches in the different cities of the Union, preparatory to applying here for vitapathy and its higher graduation, with the grand diploma of the American Health College, the highest institution in the world.

"College open for instruction and graduation at all times. Terms cash. No diploma, or books, or lessons, or rights sold separate. All must go together to complete the system to fully paid-up students."

The possessor of one of these diplomas was recently arrested in Illinois for practicing without the certificate prescribed by law—the STATE BOARD OF HEALTH having refused to issue such certificate on the diploma. On trial the man was found guilty, and left the State.

### COLUMBUS MEDICAL COLLEGE.

COLUMBUS, O. J. M. DUNHAM, A. M., M. D., Secretary, 198 East Town Street.

ORGANIZED in 1875. The first class was graduated in 1876. Classes have been graduated in each subsequent year.

The faculty embraces thirteen professors, one lecturer, one assistant and three demonstrators.

COURSE OF INSTRUCTION: The session of 1884-85 opened September 10, 1884, and closes March 10, 1885. Instruction consists of didactic and clinical lectures, with daily quizzes.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, ophthalmology, otology, histology and diseases of children,

REQUIREMENTS: For admission—"Holders of degrees in the arts and sciences, those who have successfully made the entrance examination to any college, graduates of high schools and normal schools, and those who hold certificates for one year to teach in the public schools or their equivalent, will be admitted on these testimonials. All others must exhibit evidences of the possession of a good English education."

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two courses of lectures; 4) three years' study; 5) complete dissection of the human body; 6) thesis; 7) satisfactory examination.

FEES: Matriculation, \$5; demonstrator, \$5; lectures, \$30; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	118	51	42+
1878-79	144	50	34.7
1879-80	126	41	32.5
1880-81	142	61	42+
1881-82	131	59	45+
1882-83	123	46	37+
1883-84	77	30	33.9

Average percentage of graduates to matriculates, *thirty-nine*.

#### PHYSIO-ECLECTIC MEDICAL COLLEGE.

CINCINNATI, O.

ORGANIZED in 1876. Extinct. A fraudulent institution engaged in the sale of diplomas. In 1879 the name was changed to the American Eclectic Medical College, and a new charter was obtained, but the same practices were continued under the new title.

#### AMERICAN ECLECTIC MEDICAL COLLEGE—1879-1882.

CINCINNATI, O.

ORGANIZED in 1879, as the successor of the Physio-Eclectic Medical College, which see. Extinct. Fraudulent institution, and had no existence except for the sale of diplomas.

#### TOLEDO SCHOOL OF MEDICINE.

TOLEDO, O.

ORGANIZED in 1878, as a school of instruction only, and did not confer degrees. It held three sessions and was then suspended. See Northwestern Ohio Medical College.

#### AMERICAN ECLECTIC MEDICAL COLLEGE—1883.

CINCINNATI, O. B. K. MALTBY, M. D., Dean, 192 W. Fifth Street.

ORGANIZED in 1883, as the successor of the institution of the same name, above described. The faculty embraces ten professors.

**COURSE OF INSTRUCTION:** A preliminary session of four weeks, which "may be occupied, free of cost, in acquiring the branches that will come into the preliminary examination"—i. e., the usual English branches and so much of Latin as is necessary "to understand and use medical terms in reading and in writing prescriptions." One annual graduating session—that for 1884-85 began October 1, 1884, and will close February 17, 1885. There is also a post-graduate session of ten weeks.

Lectures embrace (by chairs) biology, psychology, functional pathology and principles and practice of medicine; anatomy, general and operative surgery, and organic pathology (the incumbent of this chair is also demonstrator of anatomy); obstetrics, gynecology and diseases of children; physiology, histology and clinical medicine; otology, bio-dynamics and nervous diseases; mental and physical hygiene and sanitary science; medical jurisprudence; chemistry and toxicology; materia medica, general pathology and therapeutics; electro-therapeutics and orthopedic surgery.

**REQUIREMENTS:** For admission—"Applicants for registration must present evidence of a fair amount of intellectual culture to be received into the regular college course. A certificate of college or high school graduation will be accepted as sufficient without examination. In the absence of such testimonials they will be required to pass an examination on the usual English branches, and also in Latin, embracing so much of the language as will enable them to understand and use medical terms in their reading and in writing prescriptions."

For graduation: 1) a good moral character; 2) attendance on two full courses of lectures; 3) three years of medical study; 4) a full and satisfactory examination on the fundamental branches of medical science.

**FEEs:** Matriculation (paid once only), \$5; lectures, each course, \$60; Cincinnati Hospital fee (each session), \$5; demonstrator (each session), \$5; dissecting material (each session), \$5; graduation, \$25.

**REMARKS:** "In sending out our first announcement it was stated that the college had passed entirely out of the former management into a new one, whose aim would be to hold the institution in such a position before the law as to guarantee to its graduates the right to practice their profession in every State in the Union. This, under the recognition, already assured, of the different State boards, we are able to reaffirm with renewed confidence."—*Extract from Current Announcement.*

So far as relates to any "assurance" from the ILLINOIS STATE BOARD OF HEALTH, the recognition of this college will be based, as in any other case, upon an actual and bona-fide compliance with the schedule of "minimum requirements entitling a college to be held in good standing."

## TOLEDO MEDICAL COLLEGE.

TOLEDO, O. JONATHAN PRIEST, M. D., Secretary, 168 Adams Street.

ORGANIZED in 1833. The first class was graduated in 1833. The faculty embraces ten professors, one lecturer and one demonstrator.

COURSE OF INSTRUCTION: Session of 1884-85; the winter course opened October 1, 1884, and continues twenty weeks, and a spring course opens April 1, 1885, and continues twelve weeks. A three-years' graded course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, toxicology.

REQUIREMENTS: For admission—"The faculty earnestly desire to encourage a higher grade of literary qualifications in the student of medicine, and unless he can produce a diploma from some college or a high school certificate he will be required to pass such an examination as will give satisfactory evidence that he can enter profitably on his professional studies.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) a complete dissection of the body; 6) thesis; 7) satisfactory examination on all branches taught.

FEES: Matriculation, \$5; lectures, \$40; lectures, spring course, \$10; demonstrator, \$5; practical chemistry, \$5; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1883	19	7	36.8
1883-84	33	14	42.4

Average percentage of graduates to matriculates, *forty*.

## NORTHWESTERN OHIO MEDICAL COLLEGE.

TOLEDO, OHIO. C. A. KIRKLEY, M. D., Secretary, Jefferson and Eleventh Streets.

ORGANIZED in 1833. This college is an outgrowth of the Toledo School of Medicine, which see ante.

The faculty embraces twelve professors, two lecturers and one demonstrator.

COURSE OF INSTRUCTION: The session of 1884-85 began September 17, 1884, and will continue six months. Didactic lectures, clinical instruction in hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, principles and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, diseases of children, diseases of the mind and nervous system, laryngology.

REQUIREMENTS: For admission—"Students desiring to attend the lectures of this college, must furnish 1) satisfactory certificates of a good moral character; 2) diploma of graduation from a literary and scientific college or high school, or in absence of this, 3) must pass a satisfactory examination in the branches necessary to a good English education.

For graduation: 1) good moral character; 2) three years study; 3) twenty-one years of age; 4) two full courses of dissection; 5) two full courses of lectures; 6) attendance during at least two terms of clinical and hospital instruction; 7) must pass a satisfactory examination on all branches, to be conducted, when practicable, by other competent examiners than the professors in each branch; 8) regular attendance during the entire lecture courses, allowance being made only for absence occasioned by the student's sickness, such absences not to exceed twenty per cent. of the course; 9) attendance upon regular examination or quizzes made by each professor, daily or at least twice each week; 10) thesis.

FEES: Matriculation, \$5; demonstrator, \$5; lectures, \$40; graduation, \$25.

STUDENTS: Session of 1883-84: matriculates, 11; graduates, 1.

## COLLEGE OF PHYSICIANS AND SURGEONS.

COLUMBUS, O.

No definite information has been obtained concerning this college.

**OREGON.****MEDICAL DEPARTMENT OF THE WILLAMETTE UNIVERSITY.**

PORTLAND, Or. E. P. FRASER, M. D., Dean of the Faculty.

ORGANIZED in 1864, and located at Salem. It was removed to Portland in 1878. The first class was graduated in 1867. Classes have been graduated in each subsequent year. The faculty embraces twelve professors and one demonstrator.

**COURSE OF INSTRUCTION:** The session of 1884-85 began November 3, 1884, and continues twenty-two weeks. A three-years' graded course is required. Instruction imparted by didactic and clinical lectures, practical work in dissecting room, chemical and physiological laboratories, and by daily quizzes upon the subjects of the preceding lectures.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, principles and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, diseases of the mind and nervous system, genito-urinary diseases.

**REQUIREMENTS:** For admission: 1) eighteen years of age; 2) good moral character; 3) unless already a matriculate of the university, or a graduate of some respectable college, academy or high school, every candidate shall be examined as to his previous education and his fitness for entering upon and appreciating the technical study of medicine.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three full courses of lectures; 4) three years' study; 5) two courses of practical anatomy; 6) thesis; 7) satisfactory examination as to professional attainments.

**FEES:** Matriculation, \$5; demonstrator, \$10; lectures, \$120; graduation, \$30.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	25	7	28
1878-79	32	8	25
1879-80	27	6	22+
1880-81	31	13	42—
1881-82	29	9	33.3
1882-83	28	10	36—
1883-84	24	10	41.6

Average percentage of graduates to matriculates, *thirty-two*.

**PENNSYLVANIA.****DEPARTMENT OF MEDICINE OF THE UNIVERSITY OF PENNSYLVANIA.**

PHILADELPHIA, Pa. JAMES TYSON, M. D., Secretary, P. O. Box 2838.

ORGANIZED in 1765, as the Department of Medicine of the College of Philadelphia, the sixth in the order of succession of American colleges, being chartered chiefly through the influence of Dr. BENJAMIN FRANKLIN and Dr. WILLIAM SMITH. The first medical diploma issued in America was granted to Dr. JOHN ARCHER, in 1768, by this Department, then known as the College of Medicine in Philadelphia. On the organization of the University of Pennsylvania, in 1782, the college assumed its present title and relations, the successor of the College of Philadelphia. Classes have been graduated each year since 1768.

The faculty embraces eighteen professors, twenty-six demonstrators, five lecturers, eight instructors and a prosector of anatomy.

**COURSE OF INSTRUCTION:** Sessions of 1884-85: The spring session began May 5, and ended about the middle of June, 1884; the preliminary session began September 15, and ended September 27, 1884, and the winter session began October 1, 1884, and ends April 15, 1885. Attendance upon the latter alone is obligatory. The course is graded, and extends over three years. A four-years' graded course is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology. This enumeration is to be understood as including the collateral studies and special branches of the general subjects.

**REQUIREMENTS:** For admission—A collegiate degree, or a certificate of having passed the matriculation examination of a recognized college; or a certificate, covering the required subjects, from a recognized normal or high school, or from a duly organized county medical society that has instituted a preliminary examination; or a preliminary examination embracing, first, a brief essay, not exceeding a page of foolscap, which will serve as a test of qualifications in orthography and grammar; second, an examination in the elementary principles of physics, on the subjects considered in Part I of Fownes' Chemistry.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) three full courses of lectures; 5) satisfactory examinations; 6) thesis.

Students who have attended one course in a regular dental school will be admitted as students of the second course in the University of Pennsylvania, after having passed a satisfactory examination in general chemistry and materia medica and pharmacy. Students who have attended two courses in a regular medical school will be admitted as students of the third course in this institution, after having satisfactorily passed an examination in general and medical chemistry, materia medica and pharmacy, anatomy and physiology. Graduates of other regular medical schools in good standing will be admitted as students of the third class without examination. Graduates of colleges of pharmacy and dental colleges in good standing are admitted to the second course without an examination.

**FEES:** Matriculation, \$5; graduation, \$50; lectures, including laboratory and dissection, \$150.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	375	127	33.8
1878-79	343	91	26.5
1879-80	377	116	30.7
1880-81	374	115	30.7
1881-82	363	122	33.6
1882-83	367	104	28.3
1883-84	367	103	28+

Average percentage of graduates to matriculates, *thirty*.

**REMARKS:** During the first and second years, much of the student's time is occupied with practical work in the various laboratories of chemistry, pharmacy, osteology, histology and pathological histology, and in dissection; but throughout the second and third sessions he is required to attend the general medical and surgical clinics at the University and Philadelphia hospitals, while special clinical facilities are provided for the third year. In this year, each student receives bedside instruction in clinical medicine and surgery, in physical diagnosis, and in gynecology. Opportunities are afforded for the practical study of diseases of the eye, ear, throat and skin, and for acquiring proficiency in the use of the various instruments employed in their treatment. For this purpose the third year class is divided into sections of convenient size, each of which receives direct personal instruction in the various practical subjects above mentioned. Advanced students may make original researches in the laboratories of pharmacy, chemistry, physiology, pathology and experimental therapeutics.

#### JEFFERSON MEDICAL COLLEGE.

PHILADELPHIA, Pa. ROBERTS BARTHOLOW, M.D., LL.D., Dean, 1509 Walnut Street.

ORGANIZED in 1826 as the Medical Department of the Jefferson College at Canonsburg Pa. The first class was graduated in 1827. Classes have been graduated in each subsequent year.

The faculty embraces eight professors and eight demonstrators.

**COURSE OF INSTRUCTION:** Sessions of 1884-85: A preliminary fall session began September 15, and continued two weeks; the regular winter session began September 30, 1884, and will end the last of March, 1885; the spring session begins early in April and ends on the last day of May, 1885. Daily clinics at hospital and dispensaries. A three-years' graded course, for which provision is made, is recommended, but not required.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology, otology, diseases of children, dermatology, toxicology, histology, genito-urinary diseases, pharmacy.

**REQUIREMENTS:** For admission—"Students entering this college are presumed to have the necessary education for undertaking the study of medicine," hence no requirements are exacted of those applying for matriculation. For those who intend to practice in States where a suitable general education preliminary to the study of medicine is exacted, an examination by a committee of the faculty is provided.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) three years' study; 5) thesis. Students of dental colleges, where a five months' winter session is held, and where full courses are given on anatomy, materia medica, physiology and chemistry, may become candidates, after attendance on two courses at such colleges, and one full course at the Jefferson Medical College, with another on surgery, practice of medicine, and obstetrics. Students of colleges of pharmacy, where full courses are given on materia medica and chemistry, may become candidates, after attendance on two courses at such colleges and one full course at the Jefferson Medical College, with another on anatomy, surgery, practice of medicine, physiology and obstetrics.

**FEES:** Matriculation, (paid but once) \$5; lectures, \$140; demonstrator, (of anatomy) \$10; all other practical courses free; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates	Graduates.	Percent.
1877-78	538	203	33.9
1878-79	572	196	34.2
1879-80	572	196	34.2
1880-81	609	205	33.6
1881-82	630	247	39.2
1882-83	569	227	39.8
1883-84	645	215	33.3

Average percentage of graduates to matriculates, *thirty-five*.

#### HAHNEMANN MEDICAL COLLEGE—*Homeopathic*.

PHILADELPHIA, Pa. A. R. THOMAS, M. D., Dean, 1733 Chestnut Street.

ORGANIZED in 1848. The first class was graduated in 1849. Classes have been graduated in each subsequent year.

The faculty embraces ten professors, three lecturers and five demonstrators.

COURSE OF INSTRUCTION: The sessions of 1884-85 cover a preliminary course of one week, and the regular annual session, which began September 29, 1884, and closes the latter part of March, 1885. A three-years' graded course is recommended, but not required. Clinics at hospital and dispensary. "Recitations, quizzes, demonstrations, experiments and other practical exercises will be called into requisition as aids in the work of imparting instruction."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, institutes of homeopathy, microscopy and histology, botany and pharmacy, ophthalmology and otology, diseases of children.

REQUIREMENTS: For admission—"Each student will be required to present a preceptor's certificate that he possesses a good moral character, and that he is otherwise qualified for the study of medicine. He must give evidence of a good education, and pass a satisfactory examination in elementary mathematics, composition, and elementary physics or natural philosophy. Candidates exhibiting the diploma of a literary or scientific college or high school, or a county or State teachers' certificate, or the certificate of an examining board of any accredited medical society, will be admitted without examination.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) at least one course of practical anatomy and surgery; 6) thesis. A student who has attended one or more courses in a medical college in which homeopathy is not taught, must attend one full session of instruction in this institution, and in addition to the general average required for admission, he must obtain a two-thirds' average in the following departments: Homeopathic institutes and materia medica, practice of medicine and clinical medicine.

FEES: Matriculation, \$5; lectures, \$100; practical surgery, \$10; demonstrator, \$10; practical obstetrics and chemistry (optional), \$10 each; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	161	52	32.1
1878-79	162	61	37.6
1879-80	192	75	39
1880-81	208	83	39.9
1881-82	148	57	38.5
1882-83	147	52	35.4
1883-84	*138	41	29.7

Average percentage of graduates to matriculates, *thirty-six*.

\*Not including thirteen post-graduates.

#### WOMAN'S MEDICAL COLLEGE OF PENNSYLVANIA.

PHILADELPHIA, Pa. RACHEL L. BODLEY, M. D., Dean, North College Avenue and Twenty-first Street."

ORGANIZED in 1850. The first class was graduated in 1851. Classes have been graduated in each subsequent year.

The faculty embraces ten professors, six lecturers, four instructors and three demonstrators.

COURSE OF INSTRUCTION: The regular winter term of the session of 1884-85 began October 2, 1884, and closes March 12, 1885. The spring term will begin March 16, and close

May 22, 1885. A three-years' graded course is required for graduation and a four-years' course is earnestly recommended. Weekly examinations on each subject, as presented in the lectures. The spring term is devoted mainly to laboratory work, to demonstrative and clinical teaching.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, principles and practice of medicine, pathology, principles and practice of surgery, obstetrics and gynecology, hygiene, medical jurisprudence.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) three years' study; 3) three winter courses, including, at the least, two full courses of lectures on each of the following subjects—chemistry and toxicology, anatomy, physiology and hygiene, materia medica and general therapeutics, principles and practice of medicine, principles and practice of surgery, obstetrics and gynecology; and one course of lectures on histology and pathology, two courses in practical anatomy, having made creditable dissection of each part of the cadaver; one course in the chemical, the pharmaceutical, and the pathological laboratories; one course in operative and minor surgery, and in microscopy; and two courses of clinical instruction each, in medicine, surgery, obstetrics and gynecology; 4) good moral character and mental fitness for the position; 5) thesis; 6) satisfactory examinations.

FEES: Matriculation (paid only once), \$5; lectures, \$105; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	130	17	13+
1878-79	144	20	13.8
1879-80	146	13	8.9
1880-81	170	20	11.7
1881-82	111	19	17+
1882-83	125	35	28
1883-84	133	26	19.5

Average percentage of graduates to matriculates, *sixteen*.

#### PENNSYLVANIA MEDICAL COLLEGE.

PHILADELPHIA, Pa.

ORGANIZED in 18—. Extinct.

#### PHILADELPHIA COLLEGE OF MEDICINE AND SURGERY.

PHILADELPHIA, Pa.

ORGANIZED in 1846. Extinct.

#### FRANKLIN MEDICAL COLLEGE.

PHILADELPHIA, Pa.

ORGANIZED in 1847. Existed until 1852. Extinct.

#### MEDICAL DEPARTMENT OF LINCOLN UNIVERSITY.

OXFORD, Pa.

ORGANIZED in 1870. Extinct.

#### HOMEOPATHIC MEDICAL COLLEGE.

PHILADELPHIA, Pa.

ORGANIZED in 18—. Extinct.

#### ECLECTIC MEDICAL COLLEGE OF PENNSYLVANIA.

PHILADELPHIA, Pa.

ORGANIZED in 18—. Extinct. After being in operation a few years, this institution passed into the hands of Buchanan and his colleagues, and became fraudulent.

#### PHILADELPHIA UNIVERSITY OF MEDICINE AND SURGERY.

PHILADELPHIA, Pa.

FRAUDULENT institution. Extinct.

PENN UNIVERSITY.  
PHILADELPHIA, Pa.

FRAUDULENT. Extinct.

AMERICAN UNIVERSITY OF PENNSYLVANIA  
PHILADELPHIA, Pa.

FRAUDULENT. Extinct.

MEDICO-CHIRURGICAL COLLEGE OF PHILADELPHIA.

PHILADELPHIA, Pa. WILLIAM F. WAUGH, M. D., Secretary, S. W. Cor. Broad and Market Sts.

ORGANIZED in 1881. The first class was graduated in 1882.

The faculty embraces ten professors and an adjunct faculty of lecturers and chiefs of clinics, numbering twelve.

**COURSE OF INSTRUCTION:** The session of 1884-85 began October 1, 1884, and continues six months. A three-years' graded course is required to complete the curriculum. Daily quizzes by the professors.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, orthopedic surgery, laryngology, nervous diseases, pharmacy, diseases of children, dermatology. Clinics at hospital and full facilities for laboratory work afforded.

**REQUIREMENTS:** For admission—"A degree in arts, philosophy or science; or, a certificate of examination and graduation from an academy, high or normal school which does not confer degrees; or the certificate of the Auxiliary Literary Term as established by this school; or, a certificate of having passed a preliminary examination of a duly organized county medical society, as ordered by the action of the Pennsylvania State Medical Society; or, finally, a successful examination before the faculty in orthography, English composition, (written as ordered at the time and place of examination,) arithmetic, geography, English grammar, elementary physics, Latin grammar and translations."

For graduation: "A written and oral examination on all the branches of medical and surgical science; 2) a clinical examination in medicine, surgery and ophthalmology conducted at the bedside, cases being submitted for diagnosis and treatment in the clinic rooms and wards of the hospital; 3) thesis; 4) three full courses of lectures."

**FEES:** The yearly fee for a student pursuing the regular curriculum, is \$140. Graduates of dental colleges or members of the senior class are admitted by the junior class of this institution after passing a satisfactory examination on three branches, to be selected by themselves. Graduates in pharmacy are admitted to the junior class after passing an examination on three subjects selected by themselves, as in the case of the dental graduate. Fees for these two classes—junior year, \$66; senior year, \$100.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	31	3	9.6
1882-83	27	10	37
1883-84	23	4	17.3

Average percentage of graduates to matriculates, *twenty*.

## RHODE ISLAND.

MEDICAL DEPARTMENT OF BROWN UNIVERSITY.  
PROVIDENCE, R. I.

ORGANIZED in 1811. "Lectures were delivered and classes graduated annually, from 1814 to 1827, inclusive, excepting the years 1820-21, when it is believed that no classes were graduated. The department fell under President Wayland's strict rules of discipline, enforced on the medical professors."—(G. W. PARSONS, M. D., Providence. According to another correspondent, "Dr. Wayland's new rules threw the medical school overboard in 1827."—(GEO. W. HERSEY, M. D., Secretary, Rhode Island Medical Society.

## SOUTH CAROLINA.

MEDICAL COLLEGE OF SOUTH CAROLINA.  
CHARLESTON, S. C.

ORGANIZED in 1824; charter obtained in 1823. Permanently closed in 1839. During its existence its graduates amounted to 313.

DR. J. FORD PRIOLEAU, dean of the Medical College of the State of South Carolina, writes: The Medical College of South Carolina was organized under the auspices and control of the Medical Society of South Carolina, which elected the professors and examined the candidates for graduation of the college. In filling two vacancies the society gave offense to the other members of the faculty, which was increased by a difference of opinion relative to the status of some of the applicants for graduation; and in 1833 the faculty resigned in a body, and established another school, under the title of the Medical College of the State of South Carolina—having obtained a charter in 1832, and giving its first course in 1834. The Medical Society elected the members of the faculties of both colleges, which continued in activity in the city of Charleston until 1839, when, having gradually declined in number of students, the Medical College of South Carolina compromised with the Medical College of the State of South Carolina and permanently closed its doors.

MEDICAL COLLEGE OF THE STATE OF SOUTH CAROLINA.  
CHARLESTON, S. C. J. FORD PRIOLEAU, M. D., Dean, 2 Glebe Street.

ORGANIZED IN 1833. In 1839 the Medical College of South Carolina was merged into it, the Medical College of the State of South Carolina receiving all the apparatus, buildings and other property of the former. [PRIOLEAU—see Medical College of South Carolina. Classes were graduated annually until 1862, when operations were suspended during the war, and until 1872, when they were resumed. Classes have been graduated annually since 1873. The faculty embraces seven professors, two assistants, one instructor and three demonstrators.

COURSE OF INSTRUCTION: Session of 1884-85 began October 15, 1884, and will end early in March, 1885, embracing a period of twenty weeks. Clinics at hospital. Graded course recommended, but not required. Lectures embrace principles and practice of surgery, clinical surgery, pathology, practice of medicine, clinical medicine, physiology, chemistry, anatomy, ophthalmology, otology, obstetrics, gynecology, materia medica, therapeutics, microscopy, pathology, laboratory instruction (compulsory on first-course students).

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) preliminary education satisfactory to the faculty; 3) three years' study; 4) two full courses of lectures; 5) examination in all the branches. Attendance upon lectures, habits and general character must be satisfactory to the faculty.

FEES: Matriculation, \$5; laboratory, \$5; lectures, including demonstrators and one hospital ticket, \$100; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	60	17	28.3
1878-79	71	20	28
1879-80	74	23	29.7
1880-81	77	21	27
1881-82	56	19	33.9
1882-83	61	18	29.5
1883-84	80	20	25

Average percentage of graduates to matriculates during the past seven years, *twenty-nine*.

REMARKS: Pharmacy students are also included in the number of matriculates here given—thus affecting the proportion of graduates to matriculates.

MEDICAL DEPARTMENT OF THE UNIVERSITY OF SOUTH CAROLINA.  
COLUMBIA, S. C.

ORGANIZED IN 1866. Extinct.

**TENNESSEE.**

MEDICAL DEPARTMENT OF THE UNIVERSITY OF NASHVILLE AND VANDERBILT UNIVERSITY.

NASHVILLE, Tenn. J. M. SAFFORD, M. D., Secretary of the Faculty.

ORGANIZED IN 1850, as the Medical Department of the University of Nashville, and assumed its present relation in 1874. The first class was graduated by the University of Nashville in 1852; and the first diploma was issued by the Vanderbilt University in 1875. Classes have been graduated annually by the respective Universities since these dates.

The faculty embraces ten professors, five lecturers and a demonstrator.

COURSE OF INSTRUCTION: The twelfth regular course of instruction began October 1, 1884, and ends the last Thursday in February, 1885. A three-years' graded course is recommended, but not required. Daily examinations held, by professors. Clinics at hospital.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, ophthalmology and otology, psychology, histology, pharmacy and toxicology.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) three years' study; 4) two full courses of lectures; 5) dissection during one session. "The candidate is elected by ballot, and upon receiving four negative votes will be rejected; but will be entitled to another examination by appearing before a full faculty, after all other applicants have been examined."

FEES: Matriculation, \$5; demonstrator, \$10; lectures, \$75; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1879-80	311	141	45.3
1881-82	327	191	58
1882-83	246	116	47+
1883-84	180*	93*	51.7

Average percentage of graduates to matriculates, *fifty*.

\*Not including 22 post-graduates.

### MEMPHIS MEDICAL COLLEGE.

*Medical Department, Cumberland University.*

MEMPHIS, Tenn.

ORGANIZED in 1854. Suspended during the War of the Rebellion. Reorganized in 1872. Courses of lectures were delivered until 187-. Extinct.

### NASHVILLE MEDICAL COLLEGE.

*Medical Department of the University of Tennessee.*

NASHVILLE, Tenn. DUNCAN EVE, M. D., 301 Church Street.

ORGANIZED in 1876. Became connected with the University of Tennessee in 1880. The first class was graduated in 1878. Classes have been graduated each subsequent year.

The faculty embraces thirteen professors and two demonstrators.

COURSE OF INSTRUCTION: A preliminary course began September 1, and continued five weeks, until the opening of the regular session, October 6, 1884, which continues five months. Provision is made for a three-years' graded course, which, however, is not obligatory. Clinics at hospital and dispensary. Examinations by the faculty daily.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, genito-urinary diseases, toxicology, diseases of children, oral surgery, ophthalmology and otology.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) dissections during attendance in this school; 5) satisfactory examination by the faculty.

FEES: Matriculation (paid but once), \$5; demonstrator, \$10; lectures, \$75; graduation, \$25.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	125	—	—
1878-79	132	—	—
1879-80	167	52	31+
1880-81	134	55	41+
1881-82	144	69	48-
1882-83	133	58	43.6
1883-84	167	62	31.7

Average percentage of graduates to matriculates, *forty*.

## MEHARRY MEDICAL DEPARTMENT OF CENTRAL TENNESSEE COLLEGE.

NASHVILLE, Tenn. G. W. HUBBARD, M. D., Dean of the Faculty.

ORGANIZED in 1876. The first class was graduated in 1877. Devoted to the education of colored students, male and female.

The faculty embraces seven professors, one assistant professor and one demonstrator.

COURSE OF INSTRUCTION: The ninth annual session began October 6, 1884, and ends February 26, 1885. A three-years' graded course is recommended, but not required. Recitations in anatomy, chemistry and physiology with laboratory work during first year's attendance.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, surgery, obstetrics and gynecology, medical jurisprudence, histology, botany, pharmacy.

REQUIREMENTS: For admission—"Applicants must be at least eighteen years of age, of good moral character, and pass examinations in arithmetic, geography, grammar, reading, writing and spelling. Graduates of other recognized colleges and normal schools will, on presenting their diplomas, be admitted without examination."

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses of lectures; 4) must pass a satisfactory written examination in all of the branches laid down in this course, "including the outlines of Bible history and doctrine"; 5) present an acceptable original thesis on some medical subject.

FEES: Tuition, \$30; graduation, \$10; materials for practical anatomy and chemistry at cost.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	9	3	—
1878-79	8	8	—
1879-80	10	8	—
1880-81	24	3	—
1881-82	29	8	27.6
1882-83	30	5	16.6
1883-84	31	8	25.8

Average percentage of graduates to matriculates, during the past three years, *twenty*. Only the numbers of new matriculates, and not the total numbers attending the sessions of 1877-78, 1878-79, 1879-80 and 1880-81, being furnished, the percentages of graduates to matriculates have not been computed for these years.

## BOTANIC MEDICAL COLLEGE.

MEMPHIS, Tenn.

EXTINCT.

## MEMPHIS HOSPITAL MEDICAL COLLEGE.

*Medical Department Southwestern Baptist University.*

MEMPHIS, Tenn. A. G. SINCLAIR, M.D., Dean of the Faculty.

ORGANIZED in 1880. The first class was graduated in 1881.

The faculty embraces nine professors and one demonstrator.

COURSE OF INSTRUCTION: The preliminary course began September 29, 1884; the winter term began October 6, 1884, and will end March 1, 1885. Daily quizzes by the professors. Clinical lectures at hospital and college.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, ophthalmology and otology, toxicology, diseases of the nervous system, diseases of children.

REQUIREMENTS: For admission, none.

For graduation: 1) twenty-one years of age; 2) good moral character; 3) two full courses of lectures; 4) dissection during one session; 5) thesis; 6) satisfactory examination in all branches taught.

FEES: Matriculation, \$5; lectures, \$50; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session since the organization of the college, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1880-81	—	9	—
1881-82	89	30	33.7
1882-83	95	32	33.6
1883-84	66	23	34.8

Average percentage of graduates to matriculates, *thirty-four*.

**TEXAS.**

**TEXAS MEDICAL COLLEGE AND HOSPITAL.**  
GALVESTON, Tex.

ORGANIZED in 1864. Reorganized in 1873. Formerly known as the Galveston Medical College. The last course of lectures was delivered in 1880-81.

**UTAH.**

**MEDICAL INSTITUTION OF MORGAN CITY.**  
MORGAN CITY, U. T.

EXTINCT.

**VERMONT.**

**MEDICAL DEPARTMENT OF THE UNIVERSITY OF VERMONT.**  
BURLINGTON, Vt. A. P. GRINNELL, M. D., Secretary of the Faculty.

ORGANIZED in 1823. The first class was graduated in 1823. Sessions were held, and classes graduated, annually, excepting in 1835, until 1837, when the sessions were suspended. In 1854 the department was reorganized. A class was graduated in 1854, and in each subsequent year.

The faculty embraces fourteen professors, one assistant professor, one instructor, one demonstrator and one curator.

**COURSE OF INSTRUCTION:** The graduating term of 1884-85 begins on the first Thursday in March, 1885, and will continue seventeen weeks; a preliminary course, opening the first Thursday of November, precedes the regular course each year, and continues to the following March. A three-years' graded course is recommended, but not required. Clinics at hospital and dispensary.

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, medical jurisprudence, orthopedic surgery, diseases of the nervous system, ophthalmology and otology, dermatology, diseases of children

**REQUIREMENTS:** For admission, none.

For graduation: 1) twenty-one years of age; 2) three years' study; 3) two full courses in different years; 4) thesis; 5) good moral character; 6) satisfactory examination.

**FEES:** Matriculation, \$5; lectures, \$70; graduation, \$25; special courses, fees, \$5 to \$15.

**STUDENTS:** Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1878	108	33	30+
1879	140	49	35—
1880	143	53	37+
1881	171	50	29+
1882	190	85	44.7
1883	204	68	33.3
1884	230	100	40.3

Average percentage of graduates to matriculates, *thirty-seven.*

**VERMONT MEDICAL COLLEGE,**  
WOODSTOCK, Vt.

ORGANIZED in 18—. Extinct.

**VERMONT ACADEMY OF MEDICINE.**  
CASTLETON, Vt.

ORGANIZED in 1818. Suspended instruction from 1837 to 1841. Extinct since 1854. During its existence it graduated 350 students.

**VIRGINIA.****MEDICAL DEPARTMENT OF THE UNIVERSITY OF VIRGINIA.**

CHARLOTTESVILLE, Albermarle County. JAMES F. HARRISON, M. D., Chairman of Faculty.

ORGANIZED in 1825. The first class graduated in July, 1828. There was no graduating class in 1862. The faculty embraces four professors and a demonstrator of anatomy.

COURSE OF INSTRUCTION: One annual graduating session of nine months' duration. Daily examinations on the subjects of preceding lectures. Course is graded, extending over two years. Lectures embrace anatomy, physiology, chemistry, materia medica, theory and practice of medicine, obstetrics, medical jurisprudence, surgery and pharmacy. "The arrangement of the lectures is such that the student acquires a competent knowledge of anatomy, physiology and chemistry before he enters upon the study of the principles and practice of medicine and surgery."

REQUIREMENTS: For admission, none.

For graduation:—"The degree of Doctor of Medicine is conferred upon such students as approve their fitness for the same by rigid and searching examinations. The daily examinations are taken into account in determining the fitness of a student for graduation."

FEES: Matriculation and use of library, \$20; tuition, \$100; graduation, \$15.

STUDENTS: Number of matriculates and of graduates at each session reported, and percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1877-78	—	17	—
1878-79	—	21	—
1879-80	—	12	—
1880-81	57	13	22.8
1881-82	34	12	32.3
1882-83	56	16	28.6
1883-84	41	17	41.4

Average percentage of graduates to matriculates, *thirty*.

**MEDICAL SCHOOL OF THE VALLEY OF VIRGINIA.**

WINCHESTER, Va.

ORGANIZED in 1826. Lectures were probably delivered until the breaking out of the war, 1861, although no information is at hand regarding the date of its extinction.

**MEDICAL COLLEGE OF VIRGINIA.**

RICHMOND, Va. M. L. JAMES, M. D., Dean of the Faculty.

ORGANIZED in 1838, as the Medical Department of Hampden Sidney College, under which name it continued until 1854, when a new charter was obtained and the present name assumed. The first class was graduated in 1840. Classes have been graduated each subsequent year. The faculty embraces nine professors and ten adjunct professors.

COURSE OF INSTRUCTION: One annual course of six months' duration. The current session began October 1, 1884. Daily examinations by each professor or assistant. Clinics at hospital and dispensary. "The general plan and purpose of the course of instruction will be a judicious combination of the method usually described as the didactic, with careful and abundant clinical and experimental illustration; thoroughness of instruction being the aim in all departments."

Lectures embrace anatomy, physiology, chemistry, materia medica and therapeutics, theory and practice of medicine, pathology, surgery, obstetrics and gynecology, hygiene, medical jurisprudence, pharmacy, diseases of the eye, ear and throat.

REQUIREMENTS: For admission, none.

For graduation: 1) two full courses of lectures; 2) attention to practical anatomy; 3) attendance upon clinical instruction; 4) thesis.

FEES: Matriculation, \$5; lectures, \$120; demonstrator, \$10; graduation, \$30.

STUDENTS: Number of matriculates and of graduates at each session reported, with percentages of graduates to matriculates—

Session.	Matriculates.	Graduates.	Percent.
1881-82	—	13	—
1882-83	61*	9	14.7
1883-84	91*	33†	36.2

Average percentage of graduates to matriculates, *twenty-eight*.

\*Includes pharmacy students. †Includes one pharmacy graduate.

## WISCONSIN.

## MILWAUKEE COLLEGE OF PHYSICIANS AND SURGEONS.

MILWAUKEE, Wis.

No DATE of organization is given in the announcement. The second (dated 1882, which would indicate that the institution was organized in 1881,) says: "This college is incorporated under the general law of the State of Wisconsin. Its faculty have full power to issue diplomas of medicine and surgery, and are possessed of all rights and privileges granted, or that may be granted, to colleges in the country."

It is also stated that "the qualifications requisite for graduation from this college will be of the highest standard, and efforts will be constantly made to render the course of instruction still more thorough and comprehensive." What is considered the "highest standard" of qualifications requisite for graduation is shown in the following paragraphs from the announcement:

"Provided, however, since many States have legalized the status of practitioners by examining boards, therefore, any person otherwise qualified, and holding certificates of fitness or authority to practice from any State board of health, may become an applicant for graduation by *attending a single course of lectures in this college.*"

"Likewise, practitioners of five years of reputable and consecutive practice, upon furnishing a certificate of the fact from the county clerk and three good and reputable citizens, according to the following form, may become applicants for the honors of the school, upon attendance of one full term of lectures and passing a satisfactory examination."

Upon this, and other evidence of irregularities, the ILLINOIS STATE BOARD OF HEALTH has refused to recognize the diplomas of this institution; and its methods, the personnel of the faculty and general character, were fully exposed in the report of the Secretary to the BOARD, at its regular quarterly meeting in June, 1883. Since that exposure, the Attorney General of Wisconsin has taken steps to cause the charter of this college to be declared forfeited for fraudulent and illegal practices, and the institution is now extinct. It has also been known by the name of "The Coney Medical Institute."

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ADDENDUM.—Under date, November 26, 1884, (received December 3,) DR. HENRY GIBBONS, Jr., dean of the Cooper Medical College, San Francisco—see page 5 of the CONSPECTUS\*—furnishes the list of matriculates and graduates for the session closed November 1, 1884. There were 80 matriculates, "of which number 70 attended lectures," and 16 graduated. The following table gives the numbers of matriculates and of graduates, and the percentages of graduates to matriculates, at each session reported—

Session.	Matriculates.	Graduates.	Percent.
1878	65	26	40.
1879	58	15	26—
1880	42	7	17—
1881	59	9	15+
1882	67	12	18.
1883	83	19	22.9
1884*	80	16	20.

Average percentages of graduates to matriculates, *twenty-three.*

\*The percentage for the session of 1884 is computed upon the full number of matriculates, as in all other cases.

## Auxiliary and Post-Graduate Institutions and Courses.

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### AUXILIARY DEPARTMENT OF MEDICINE, UNIVERSITY OF PENNSYLVANIA.

PHILADELPHIA, Pa. SAMUEL B. HOWELL, M. D., Dean, 1513 Green Street.

ORGANIZED in 1865. The faculty consists of five professors.

**COURSE OF INSTRUCTION:** Although strictly collateral to medicine, and essential to the thorough education of the physician, the course is largely scientific in its character, and the degree of bachelor of science (B. S.) is conferred upon those graduates in medicine of the University, or of other recognized schools, who attend two full courses of lectures in the Auxiliary Department, pass a satisfactory examination before the faculty, and present an original thesis on some one of the subjects taught.

Lectures comprise medical jurisprudence and toxicology; mineralogy and geology, (including a practical course on mineralogical and geological chemistry); botany, hygiene, comparative anatomy and zoology. The session begins in March and ends in June. The professor of comparative anatomy conducts, during the summer months, at a place on the Atlantic coast, a practical laboratory for special work in the subjects of his chair.

**FEES:** The lectures are free to students and graduates of the Department of Medicine of the University of Pennsylvania; to other matriculates, \$10 for each professor's ticket, or \$35 for the course; graduation, \$10.

### POST-GRADUATE INSTRUCTION, MEDICAL DEPARTMENT, UNIVERSITY OF PENNSYLVANIA.

PHILADELPHIA, Pa. JAMES TYSON, M. D., Secretary, P. O. Box 2838.

ESTABLISHED in 1880, although for many years previous a post-graduate course was afforded during the spring and early summer. The faculty consists of eight professors and ten lecturers.

**COURSE OF INSTRUCTION:** Five courses of six weeks each are given during the year, the first beginning October 1, the second, November 12, the third, January 10, the fourth February 21, and the fifth, April 15. The teaching consists in bedside and dispensary lessons, in the practical examination of patients, and the use of instruments of precision in the diagnosis and treatment of disease.

The following subjects are taught: Clinical medicine and physical diagnosis; renal diseases, with practical examination of urine; nervous diseases and electro-therapeutics; clinical surgery; ophthalmology; dermatology; otology; gynecology; operative and genito-urinary surgery, with venereal diseases; clinical and operative obstetrics; laryngology; diseases of children; practical physiology; medical chemistry, histology and pathology.

\***FEES:** Matriculation \$5 (matriculates of the University of Pennsylvania exempt); for each branch, \$15, excepting practical physiology, \$25, and medical chemistry, \$50. A reduction of 15 per cent will be made when six or more courses are taken.

## NEW YORK POLYCLINIC.

NEW YORK CITY. JOHN A. WYETH, M. D., Secretary, 214 and 216 East Thirty-fourth St.

ORGANIZED in 1882. The faculty consists of nineteen professors; twenty instructors and twenty-seven assistants.

COURSE OF INSTRUCTION: The session of 1884-5, began September 23d, and continues until June 1, 1885. The summer session of 1885 will begin June 1st., and will end September 15th.

Clinics are held daily throughout the year, in diseases of the chest—of children—of general medicine—of laryngology and rhinology—of the mind and nervous system—of the skin, of women; and in ophthalmology, otology, genito-urinary diseases, general and orthopedic surgery, obstetrics and physiological chemistry.

FEES: General ticket for the year, \$300; general ticket for six months, \$200. Special courses, \$10, excepting diseases of the chest and general medicine, \$25, general, genito-urinary, and orthopedic surgery, \$55, and diseases of women, \$35.

REMARKS: This is strictly a school of clinical medicine and surgery. There are no didactic lectures and none but practitioners are admitted.

## NEW YORK POST-GRADUATE MEDICAL SCHOOL AND HOSPITAL.

NEW YORK CITY. F. R. STURGIS, M. D., Secretary, 206 East Twentieth Street.

ORGANIZED in 1882. The faculty consists of twenty professors, four associate professors, ten lecturers, thirty-one clinical assistants and three demonstrators.

COURSE OF INSTRUCTION: The regular term began October 1, 1884, and continues until June 2, 1885. The intermediate term opens June 2, 1884, and continues until October 7, 1885.

Lectures are all clinical, and include the following courses: Clinical and orthopedic surgery and mechanical therapeutics; operative surgery; diseases of the nervous system and electro-therapeutics; anatomy and physiology of the nervous system, ophthalmology and otology; diseases of the nose and throat; pathology; physical diagnosis and clinical medicine; urinary analysis; histology; pathological histology; diseases of children; gynecology; obstetrics; venereal and skin diseases; applied anatomy; practical pharmacy and medical chemistry; military, naval and state hygiene.

FEES: Annual ticket, \$400; semi-annual ticket, \$225; ticket for three months, \$150; special courses, of seven weeks each, \$15 to \$30.

## PHILADELPHIA POLYCLINIC AND COLLEGE FOR GRADUATES IN MEDICINE.

PHILADELPHIA, PA. JOHN B. ROBERTS, M. D., Secretary, 1118 Arch Street.

ORGANIZED in 1882. The faculty consists of eleven professors, two adjunct professors and twenty-four assistants.

COURSE OF INSTRUCTION: Clinical and practical instruction in medical and surgical specialties is afforded, to physicians only, during the whole year. In addition to the clinical facilities of the college the professors utilize, for purposes of instruction, their services in the Philadelphia, Pennsylvania, Wills, Howard, Episcopal, Presbyterian, German, St. Mary's and St. Christopher's hospitals. Clinical instruction is given in electro-therapeutics, and well-appointed laboratories furnish opportunity for practical work in chemistry, anatomy, pathology, microscopy and surgery.

FEES: General ticket for one year, \$300; special courses, of six weeks' duration, each \$15.

REMARKS: Students after finishing a complete course may, by examination, become Fellows of the College.

## COLLEGE FOR MEDICAL PRACTITIONERS.

ST. LOUIS, MO.

ORGANIZED in 1882. No announcement received since the session of 1883-84.

## BALTIMORE POLYCLINIC AND POST-GRADUATE MEDICAL SCHOOL.

BALTIMORE, MD.

ORGANIZED in 1884. No announcement received for the current session.

## THE CLEVELAND POLYCLINIC AND POST-GRADUATE MEDICAL SCHOOL.

CLEVELAND, O. REUBEN A. VANCE, M. D., Dean, 304 Prospect Street.

ORGANIZED in 1884. The institution is designed wholly for post-graduates—none but practitioners being admitted. No degrees are granted. The faculty consists of six professors.

COURSE OF INSTRUCTION: Four sessions, of seven weeks' duration each, will be given annually. The first session opens the first Wednesday of February, 1885. Daily clinics are held at the Polyclinic and the Franciscan Hospital.

Lectures embrace principles and practice of surgery; gynecology and clinical diseases of women; principles and practice of medicine and clinical medicine; ophthalmology and otology and clinical diseases of the eye and ear; medical jurisprudence; microscopy and clinical chemistry.

FEES: Matriculation, \$5; general ticket, per session, \$20; special ticket for separate courses, each, \$5.

The following-named institutions also have post-graduate courses or other facilities for instruction for practitioners:

RUSH MEDICAL COLLEGE, Chicago, Ill.—A four-weeks' course; fees, \$30.

CHICAGO MEDICAL COLLEGE, Chicago, Ill.—A four-weeks' course; fees, \$30.

HAHNEMANN MEDICAL COLLEGE, Chicago, Ill.—A six-weeks' course; fees, \$30.

BENNETT COLLEGE OF ECLECTIC MEDICINE AND SURGERY, Chicago, Ill.—A six-weeks' course; fees, \$25.

COLLEGE OF PHYSICIANS AND SURGEONS, Chicago, Ill.—A four-weeks' course; fees, none.

MEDICAL DEPARTMENT OF THE UNIVERSITY OF LOUISVILLE, Louisville, Ky.—An eight-weeks' course; fees, \$25.

SCHOOL OF MEDICINE OF THE UNIVERSITY OF MARYLAND, Baltimore, Md.—A six-weeks' course; fees, \$10 to \$20 for each branch.

MEDICAL SCHOOL OF HARVARD UNIVERSITY, Boston, Mass.—Six-months' courses, in histology (\$20), physiology (\$30), medical chemistry (\$30), pathological anatomy (\$20), surgery (\$25), laryngology (\$25), ophthalmology (\$25), otology (\$15), dermatology (\$25), syphilis (\$15), diseases of the nervous system (\$15), gynecology (\$25), obstetrics (\$25). Graduates of other medical schools may obtain the degree of M. D. at this University after a year's study in the graduates' course and by passing the examinations of the three-years' course. Fee for full year, \$200.

BELLEVUE HOSPITAL MEDICAL COLLEGE, New York City.—Private instruction in medical and in physical diagnosis (\$20 each), surgical operations (\$30), operative surgery (\$20), physiological laboratory (\$50), practical chemistry (\$10), diseases of the eye and ear (\$30), pathological laboratory (\$15), diseases of the heart, lungs and throat (\$12); laryngoscopy (\$10). "Intended mainly for the benefit of practitioners."

MEDICAL DEPARTMENT OF THE WESTERN RESERVE UNIVERSITY, Cleveland, O.—A five-weeks' course; fees, \$25.

AMERICAN ECLECTIC MEDICAL COLLEGE, Cincinnati, O.—A ten-weeks' course; fees, \$25.

JEFFERSON MEDICAL COLLEGE, Philadelphia, Pa.—A post-graduate course of instruction, including five terms of six weeks each. Instruction in ophthalmology, otology, gynecology, physical diagnosis, diseases of the chest, orthopedic surgery, normal and pathological histology, diseases of children, nervous diseases, laryngology, urinary pathology, medical chemistry, practical pharmacy, experimental physiology, dermatology, botany, materia medica and experimental therapeutics. Fees range from \$10 to \$20.

### LIST OF COLLEGES FOR BOTH SEXES.

The following institutions either announce that they are open to both sexes, or had both in attendance during the last session:

Cooper Medical College, San Francisco, Cal.

Medical Department of the University of California, San Francisco, Cal.

California Medical College (Eclectic), San Francisco, Cal.

Medical Department of the University of Colorado, Boulder, Col.

Medical Department of Howard University, Washington, D. C.  
 Medical Department of Florida University, Tallahassee, Fla.  
 Georgia Eclectic Medical College, Atlanta, Ga.  
 Hahnemann Medical College, Chicago, Ill.  
 Bennett College of Eclectic Medicine and Surgery, Chicago, Ill.  
 Fort Wayne College of Medicine, Fort Wayne, Ind.  
 Physio-Medical College, Indianapolis, Ind.  
 Indiana Eclectic Medical College, Indianapolis Ind.  
 College of Physicians and Surgeons, Keokuk, Ia.  
 Medical Department of the State University of Iowa, Iowa City, Ia.  
 Homeopathic Medical Department of the State University of Iowa, Iowa City, Ia.  
 Iowa Medical College (Eclectic), Des Moines, Ia.  
 Iowa College of Physicians and Surgeons, Des Moines, Ia.  
 King Eclectic Medical College, Des Moines, Ia.  
 Eclectic Medical College of Maine, Lewiston, Me.  
 Boston University School of Medicine, Boston, Mass.  
 College of Physicians and Surgeons, Boston, Mass.  
 Department of Medicine and Surgery of the University of Michigan, Ann Arbor, Mich.  
 Homeopathic Medical College of the University of Michigan, Ann Arbor, Mich.  
 Minnesota College Hospital, Minneapolis, Minn.  
 Homeopathic Medical College of Missouri, St. Louis, Mo.  
 Kansas City Hospital College of Medicine, Kansas City, Mo.  
 Omaha Medical College, Omaha, Neb.  
 College of Medicine of the University of Nebraska, Lincoln, Neb.  
 College of Medicine of the Syracuse University, Syracuse, N. Y.  
 Leonard Medical School, Raleigh, N. C.  
 Homeopathic Hospital College, Cleveland, O.  
 Eclectic Medical Institute, Cincinnati, O.  
 Medical Department of the Western Reserve University, Cleveland, O.  
 Physio-Medical Institute, Cincinnati, O.  
 Medical Department of the University of Wooster, Cleveland, O.  
 Pulte Medical College, (Homeopathic), Cincinnati, O.  
 Columbus Medical College, Columbus, O.  
 American Eclectic Medical College, Cincinnati, O.  
 Toledo Medical College, Toledo, O.  
 Medical Department of the Willamette University, Portland, Or.  
 Meharry Medical Department of the Central Tennessee College, Nashville, Tenn.

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LIST OF COLLEGES FOR WOMEN ONLY.

Woman's Medical College, Toronto, Ont.  
 Woman's Medical College, Kingston, Ont.  
 Woman's Medical College, Chicago, Ill.  
 Woman's Medical College, Baltimore, Md.  
 New York Medical College and Hospital for Women (*Homeopathic*) New York City.  
 Woman's Medical College of the New York Infirmary, New York City.  
 Woman's Medical College of Pennsylvania, Philadelphia, Pa.

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LIST OF COLLEGES FOR COLORED STUDENTS.

Leonard Medical Colleges, Raleigh, N. C.  
 Meharry Medical Department of Central Tennessee College, Nashville, Tenn.  
 The Medical Department of Howard University, Washington, D. C., is open to all,  
 "without distinction of sex or race."

LIST OF COLLEGES WHICH CONFER DEGREES UPON ATTENDANCE ON SUMMER SESSIONS.

Cooper Medical College. Session begins June 1, and closes November 1.

University of California Medical College, San Francisco, Cal. Session begins February 1, and closes November 1.

Hahnemann Medical College, San Francisco, Cal. Session begins June 1, and closes October 1.

Kentucky School of Medicine, Louisville, Ky. Session begins February 10, and closes June 28.

Hospital College of Medicine, Louisville, Ky. Session begins January 22, and closes June 18.

Medical School of Maine, Brunswick, Me. Session begins February 5, and closes June 1.

Medical Department of Dartmouth College, Hanover, N. H. Session begins July 30, and closes November 19.

Long Island College Hospital, Brooklyn, N. Y. Session begins January 5, and ends June 3.

Eclectic Medical Institute, Cincinnati, O. Session begins January 12, and closes June 4.

Medical Department of the University of Wooster, Cleveland, O. Session begins March 4, and closes July 4.

Medical Department of the University of Vermont, Burlington, Vt. Session begins March 4, and closes July 1.

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