

State of Iowa

1922

REPORT OF THE

Board of Dental Examiners

FOR THE

Biennial Period Ending June 30, 1922

WITH LIST OF
PRACTICING DENTISTS OF IOWA

AS SHOWN BY THE BIENNIAL
RENEWAL OF LICENSES

Published by
THE STATE OF IOWA
Des Moines

LETTER OF TRANSMITTAL.

HON. N. E. KENDALL, *Governor:*

Sir: In accordance with the provisions of the law I herewith submit the eighth biennial report of the Board of Dental Examiners, and the financial statement covering the period ending June 30th, 1922.

CARL B. MILLER, *Secretary-Treasurer.*

Des Moines, Iowa, December 1st, 1922.

OFFICERS AND MEMBERS OF THE DENTAL BOARD
1922.

F. W. CONOVER, D. D. S., President Decorah

Term expires 1923

Examiner in Anatomy, Physiology and Hygiene.

L. V. Feike, D. D. S., Vice President Des Moines

Term expires 1926.

Examiner in Chemistry, Metallurgy, Bacteriology and Materia Medica.

C. M. WORK, D. D. S. Ottumwa

Term expires 1924.

Examiner in Prosthetic Dentistry, Oral Surgery and Histology.

H. P. WHITE, D. D. S. Sioux City

Term expires 1925.

Examiner in Operative Dentistry, Pathology and Therapeutics.

C. B. MILLER, D. D. S., Secretary-Treasurer Des Moines

Term expires 1927.

Examiner in Orthodontia Anesthesia and Jurisprudence.

Report of the Board of Dental Examiners

1921.

At the annual meeting of the Board held in Des Moines May 2, 3, 4 and 5, 1921, there were present Dr. Work, President; Dr. Geo. Brooks, Vice President; Dr. H. P. White, Dr. F. W. Conover and Dr. C. B. Miller, Secretary-Treasurer. The usual business was transacted, after which the following officers were elected for the ensuing year: Dr. H. P. White, President; Dr. F. W. Conover, Vice President; Dr. C. B. Miller, Secretary-Treasurer.

Dr. Geo. Brooks' term of office expiring July 31, 1921, Dr. L. V. Feike was appointed by the Governor to fill the vacancy.

Because no meeting was held in December, 1920, a special meeting for examining candidates for a license in Iowa was held in Iowa City, February 7, 8, 9 and 10, 1921.

The regular meeting for the examination of candidates was held in Iowa City, June 6, 7, 8, and 9, 1921, there being fifty-six applicants.

A meeting was then held at the regular time in December, the 5, 6, 7 and 8, being the days on which the examination was given.

1922.

The next meeting of the Board was at the annual meeting for 1922, which was held in Des Moines, May 2, 3 and 4.

There were present Dr. H. P. White, President; Dr. F. W. Conover, Vice President; Dr. C. B. Miller, Secretary-Treasurer; Dr. C. M. Work and Dr. L. V. Feike. The usual routine of business was disposed of, after which the election of officers resulted in making Dr. F. W. Conover, President; Dr. L. V. Feike, Vice President; and Dr. C. B. Miller, Secretary-Treasurer.

The regular meeting of the Board in Iowa City for the examination of candidates for an Iowa license was held May 29, 30 and 31, and June 1, 1922. At this meeting there were fifty-one candidates.

Dr. C. B. Miller, whose term of office would expire on July 31, 1922, was reappointed by the Governor.

The financial statement which accompanies and is a part of this report shows that we have examined since our last report

one hundred seven senior students and nineteen reciprocity practitioners.

We have issued nine certificates of reciprocity and sixteen certificates testifying as to legal standing, four renewal and eight duplicate licenses.

We have examined during the period only one applicant for a license as a Dental Hygienist. One hundred sixty-two sophomore students were examined on the subjects completed at the end of the sophomore year, the results being held and averaged in the examination for an Iowa Dental license.

RECIPROCITY

We have reciprocity on the basis of a practical examination with the following states: Missouri, District of Columbia, Tennessee, Ohio, Indiana, Illinois, Nebraska, Kansas and Vermont.

FINANCIAL STATEMENT

RECEIPTS

Balance on hand June 30, 1920	\$ 4.55
Interchange licenses, 19 at \$25.00	475.00
Reciprocity exchange, 9 at \$5.00	45.00
Certificates, 16 at \$5.00	80.00
Renewal licenses, 4 at \$25.00	100.00
Duplicate licenses, 8 at \$2.00	16.00
Biennial dues, arrears, 13 at \$1.00	13.00
Biennial dues, 1920-1921	109.00
Biennial dues, 1922-1923 (to July 1st)	1,482.00
Hygienist examination, 1 at \$10.00	10.00
Senior examinations, 41 at \$20.00	820.00
Senior examinations, 66 at \$10.00	660.00
Sophomore examinations, 162 at \$10.00	1,620.00
Other receipts, exchange53
	\$5,435.28

DISBURSEMENTS

On hand June 30, 1922	\$ 3.63
Fees paid State Treasurer, as per receipts	5,425.65
	\$5,435.28

MINIMUM REQUIREMENTS FOR CLASS "A" DENTAL SCHOOLS, ADOPTED BY IOWA DENTAL BOARD, AUGUST 26, 1918.

ADMINISTRATIVE POLICY

Section 1. (a) The administrative policy of the schools must be satisfactory to this Board. The Dean or other executive officer must hold and have authority to carry out fair ideals of dental education.

(b) The value of the building and equipment (grounds excluded) must be equal to at least \$300.00 for every student enrolled.

(c) The school must have facilities and equipment for at least twenty-five students in each class.

ENTRANCE REQUIREMENTS

Section 2. (a) The requirements for entrance shall consist of graduation from an accredited high school or academy which requires for graduation not less than fifteen units of high school work obtained in a four-year course. No conditions on the foregoing entrance requirement shall be allowed.

(b) An accredited high school is defined as one which is accredited as a four-year high school by the United States Bureau of Education, or by a university which is a member of the Association of American Universities or by the State University of the state in which the high school is located.

(c) In the case of an applicant who is not a graduate from a high school or academy, as defined above, the full equivalent of such education in each individual case must be established and attested to by the highest public educational officer of the state in which is located the dental school which the applicant seeks to enter, or by the authorized examiner of a standard college or university which has been approved by the Dental Educational Council of America.

(d) The entrance credentials of each student enrolled must be kept on file and open to general inspection until after graduation. Not later than sixty days after the opening of school the Dean shall send to the Secretary of the Dental Educational Council and to the Secretary of the local State Board of Dental Examiners a complete list of the students enrolled, together with a sworn statement that each student is possessed of the entrance requirements outlined above.

(e) Students with two full year credit from Class "A" Medical Schools, approved by the American Medical Association, may be admitted to the sophomore class. No other advanced credit in time may be given in any other case as above specified. No special students shall be accepted unless they are in possession of the entrance requirements specified above.

(f) The foregoing regulations apply to all students including those from foreign countries, and regardless of where the applicant expects to practice his profession.

COURSE OF STUDY

Section 3. (a) Beginning with the session 1917-18 the course must be four years in length, each year to consist of thirty-two weeks and six days in each week. No degrees other than Doctor of Dental Surgery, Doctor of Dental Medicine, or Doctor of Dental Science may be given. Dental subjects must be taught throughout the entire four years. Schools that offer a three-year course with one year of college work as a prerequisite shall not be regarded as satisfactory.

(b) The school must offer a course of at least 4,400 hours laboratory and didactic instruction.

(c) The minimum hours devoted to each branch shall be as follows:

Operative and clinical dentistry.....	1260
Prosthetic technics.....	284
Crown and bridge technics.....	220
Operative technics.....	150
Oral hygiene.....	32
Dental anatomy.....	96
Orthodontia.....	96
Oral surgery.....	96
Physics, biology, or both.....	192
Chemistry (inorganic—organic—physiological— metallurgy).....	220
Technical drawing.....	48
Anatomy.....	128
Histology.....	128
Pathology (general and dental).....	64
Materia medica.....	64
Bacteriology.....	128
Physiology.....	128
Dental rhetoric.....	96
Physical diagnosis, anesthesia.....	32
Radiology.....	32
Jurisprudence, dental history, ethics, economics.....	32
Additions to above, or other subjects.....	258
Total.....	4400

TEACHING FACILITIES

Section 4. (a) The classes in dentistry must be taught separately from the classes in any of the other departments, if the dental school in question is part of a university.

(b) The patronage of the infirmary clinic must be such as to give each student at least 150 operations in fillings (gold, inlay, amalgam, cement, root fillings, etc.), prosthetic work, and orthodontia. Treatments preparatory to the above, and cases of exodontia must not be included in the number stated above.

(c) In the anatomical laboratory not more than eight students, working in pairs, may be assigned to one cadaver for a complete dissection.

(d) Every twenty students working in the infirmary at any given time must have the undivided services of at least one demonstrator.

(e) Every thirty students working in the scientific laboratories must have the undivided services of at least one instructor.

(f) Every forty students working in the technic laboratories must have the undivided services of at least one instructor.

(g) No persons except those holding the D. D. S., M. D., or bachelor degree or equivalent, or who hold a license to practice dentistry, shall be employed as instructors.

LABORATORIES AND OTHER FACILITIES

Section 5. (a) The school must be possessed of the following number of laboratories and class rooms, equipped in the following manner:

(b) One chemical laboratory equipped to adequately teach qualitative, quantitative, general inorganic and organic chemistry and physiological chemistry.

(c) One microscopical laboratory equipped with sufficient high power microscopes so that each student may be possessed of the use of a microscope when he is working in the laboratory.

(d) Sufficient class rooms—at least one of which must be equipped with a lantern for projection.

(e) Sufficient technic laboratories, so that each student in attendance is provided with an individual place for laboratory work.

(f) A dental infirmary, equipped with a sufficient number of dental chairs to adequately serve the senior class. An efficient equipment for sterilizing students' instruments must be provided.

(g) An X-ray outfit for use in conjunction with the dental infirmary.

(h) A dental library constantly available to the students, which shall have at least twice the number of volumes as there are students enrolled in the school.

STATE BOARD RECORD

Section 6. The school must not have more than twenty-five per cent failures before the various State boards more than two years in succession.

ATTENDANCE

Section 7. The record of attendance required of students must not be less than eighty-five per cent for each year. Attendance shall be counted from close of registration.

PROMOTION OF STUDENTS

Section 8. (a) A student who has incomplete courses, or failures, in 40% of his course for any semester shall be dropped from his class.

(b) A student may not be promoted if he has conditions or failures in more than 20% of the course of any year.

(c) A student who fails to remove a condition or failure within twelve months from the time it was incurred shall automatically be dropped from the school.

(d) An incomplete course is one that has not been completed because of illness or other personal emergency.

PASSING MARK, CONDITIONS AND FAILURES

Section 9. (a) The passing mark shall be 75%.

(b) A grade between 60 and 74% is defined as a condition.

- (c) A grade below 60% is defined as a failure.
 (d) A condition may be removed by examination.
 (e) A failure may not be removed except by repetition of the course in part or entirely, i. e., by additional work under instruction approved by the dean or the professor in charge of the subject.
 (f) A condition which is not removed within thirty days of the opening of the next year, automatically becomes a failure and can then only be removed by a repetition of the course.
 (g) If a school grades by letters it shall state (publish) definitely the percentage value of each letter used in designation of standings.

CLASS "B" DENTAL SCHOOL DEFINED

Schools which in certain particulars do not meet the requirements for Class "A," but may become eligible for Class "A" without complete reorganization.

CLASS "C" DENTAL SCHOOL DEFINED

Schools which could not meet the requirements for Class "A" without very extensive improvements and a complete reorganization. Class "C" schools shall be considered "not well recognized dental schools."

TRANSFER OF DENTAL SCHOOLS

Students of dental schools which have been well recognized but lost this recognition, may transfer to well recognized dental schools, if acceptable to these schools. Such students may be accepted as far as entrance requirements are concerned on the requirements of the school in which the student began the study of dentistry.

The following is the classification of Dental schools as adopted by Dental Educational Council of America, March 28, 1918:

CLASS "A"

University of Southern California, College of Dentistry, Los Angeles.
 University of California, College of Dentistry, San Francisco.
 Northwestern University Dental School, Chicago, Ill.
 University of Illinois, College of Dentistry, Chicago, Ill.
 University of Iowa, College of Dentistry, Iowa City.
 University of Michigan, College of Dentistry, Ann Harbor.
 University of Minnesota, College of Dentistry, Minneapolis.
 Chicago College of Dental Surgery, Chicago, Ill.
 Creighton University Dental School, Omaha, Neb.
 Harvard Dental School, Boston, Mass.
 Ohio State University, College of Dentistry, Columbus.
 North Pacific Dental College, Portland, Oregon.

St. Louis University, College of Dentistry, St. Louis.
 University of Pittsburgh, College of Dentistry, Pittsburgh, Pa.
 University of Buffalo, Dental Department, Buffalo, N. Y.
 The Thomas W. Evans Museum and Dental Institute, University of Pennsylvania, Philadelphia, Pa.
 Tufts Dental College, Boston, Mass.
 Medical College of Virginia, School of Dentistry, Richmond, Va.
 Marquette University, College of Dentistry, Milwaukee, Wis.
 Vanderbilt University, School of Dentistry, Nashville, Tenn.

CLASS "B"

Colorado College of Dental Surgery, Denver, Colo.
 Georgetown University, School of Dentistry, Washington, D. C.
 Howard University Dental School, Washington, D. C.
 Atlanta-Southern Dental College, Atlanta, Ga.
 Louisville University, College of Dentistry, Louisville, Ky.
 Indiana Dental College, Indianapolis, Indiana.
 Loyola University, School of Dentistry, New Orleans, La.
 Tulane University, School of Dentistry, New Orleans, La.
 Baltimore College of Dental Surgery, Baltimore, Md.
 University of Maryland, Dental Department, Baltimore, Md.
 Washington University Dental School, St. Louis.
 Kansas City Dental College, Kansas City, Mo.
 Western Dental College, Kansas City, Mo.
 New York College of Dentistry, New York.
 College of Dental and Oral Surgery of New York.
 Western Reserve University Dental School, Cleveland, Ohio.
 Ohio College of Dental Surgery, Cincinnati, Ohio.
 Philadelphia Dental College, Philadelphia, Pa.
 University of Tennessee, College of Dentistry, Memphis, Tenn.
 Meharry Dental College, Nashville, Tenn.
 College of Physicians and Surgeons, Dental Dept., San Francisco, Calif.
 George Washington University Dental School, Washington, D. C.
 University of Nebraska, Lincoln, Neb.

CLASS "C"

Cincinnati College of Dental Surgery, Cincinnati, Ohio.
 Texas Dental College, Houston, Texas.

RULES AND REGULATIONS

Rule I. Colleges shall each year issue announcements containing lists of their students classified in the grades of freshman, sophomore, junior and senior; designating absentees, irregulars and specials, and giving a list of graduates of the preceding sessions.

Rule II. No dental college shall confer any degree as honorary which is usually granted in due course of study and after examination.

Rule III. No credit for the time of study pursued in any dental college not recognized as reputable by this board shall be allowed by any dental school.

Rule IV. There shall be graded courses of instruction, each course to be followed by examination thereon.

Rule V. A graduate of a recognized dental college, who applies to another college for its degree, shall complete one full year course or more of instruction in said college, and comply with the requirements of the senior class or its equivalent.

Rule VI. The president of Board of Dental Examiners may appoint a committee or committees to investigate any complaints or charges against a recognized dental college, or any other matter that may in any way come to his or her knowledge which, in his or her opinion, may require investigation.

Rule VII. Colleges will be recognized or recommended only when there has been actually secured by purchase or lease and fitted up with all required equipment, a sufficiently commodious and convenient building or part of building entirely adequate to the needs of reputable dental college. Such equipment shall include laboratories, etc., with proper chairs, benches and all other apparatus necessary for the proper teaching of Bacteriology, Histology, Microscopy, Chemistry, and such other scientific studies as should form a part of an advanced dental curriculum of study and as are required by these rules.

The character and attainments of its faculty, which must already have been named with the respective positions they are to occupy, must be such as to give assurance that the school will be conducted in a manner to insure complete and adequate instruction in all branches of a good dental curriculum.

Rule VIII. Credit shall not be given colleges recognized by this board for courses of instruction which do not commence in the morning and continue through the day.

Rule IX. In the publication of names of students in the annual announcements of colleges recognized by this board, those students who have been transferred during the session shall be indicated. All certificates of preliminary educational qualifications of such students before being accepted shall be verified by correspondence with the authorities issuing said certificates.

Rule X. A careful arrangement of the curriculum is recommended. Proper records shall be kept of the attendance, examinations, marking and standing of each student for references for at least one year after graduation.

Rule XI. Although a college may have been recognized by this board as reputable, the board reserves the right to withdraw such recognition at any time, when it may deem it for the best interests of the public to do so. The failure of any college to live up to its profession and published announcements may involve such withdrawal or recognition. The president and secretary of the board are authorized to suspend

such recognition pending an investigation, when any charge or facts come under their observation affecting the standing of such colleges. In addition to the minimum requirements established by the board, colleges will be held to a strict compliance with all their own published requirements, and to the observance of all rules which they profess to observe, and any material deviation therefrom coming to the knowledge of the board may be held sufficient ground for suspension of recognition, as above stated.

Rule XII. No college shall be, or continue to be, recognized by this board if said college is conducted or managed in whole or in part by any person or persons who do not practice dentistry in accordance with well recognized and generally accepted forms, usually known as dental ethics; or if owned in whole or in part by men or women who are engaged in disreputable dental practice, or having upon its list of trustees, in its faculties, among its demonstrators, or in any capacity, any one who does not practice dentistry in accordance with principles above mentioned. And no college shall be or continue to be recognized by this board which by itself or any of its officers, trustees, directors or agents shall be found guilty of the sale of a diploma or diplomas or any degree or certificate of merit in scholarship or standing which has not been earned in due course. The judgment and conclusion of the Board of Examiners upon all questions arising under these rules shall be absolutely final and conclusive as to all parties concerned, unless reversed by the decision of a court of competent jurisdiction.

Rule XIII. Any person desiring to practice dentistry in the State of Iowa, who is of good moral character, and a graduate of and has a diploma from the faculty of a reputable dental college, school or dental department of a reputable university, and whose preliminary education was graduation from a high school, four years' course or its equivalent, may come before the board at any of its regular meetings for examination in the several branches of dentistry, and if found proficient the board will issue to the said candidate a license to practice.

MISCELLANEOUS RULES

EXAMINATION AND LICENSES

Rule XIV. Each candidate for examination for a license must present a diploma from a four-year course high school or its equivalent, and a diploma from a dental school recognized as reputable by this board, with a late photograph of applicant, and the fee of twenty dollars (\$20) at least ten days before the examination (the fee in no case is returnable), and if found proficient a license will be issued. No license shall be issued to any candidate except after successful examination at a regular or special meeting.

Rule XV. There shall be one or more special meetings of the board each year for examination of candidates, time and place to be determined by president and secretary. Annual meeting may be held during the annual State Dental Society. Due notice of all special meetings shall be published in leading dental journals at least one month in advance of

time, and notice mailed by secretary to each person who may apply for license.

Rule XVI. Examination shall be practical, oral or in writing or partly oral; or written, as prescribed by the board, or shall be in the English language.

Rule XVII. Theoretical examination in the following subjects: Anatomy, Physiology, Chemistry, Materia Medica, Pathology, Therapeutics, Bacteriology, Hygiene, Histology, Oral Surgery, Metallurgy, Prosthetic Dentistry, Operative Dentistry, Orthodontia, Jurisprudence and Aesthetics. An average of 80 per cent is required.

Sophomore dental students who present a clear card for two years' work and whose preliminary requirements are sufficient, may take the examination at the June meeting, in such subjects as are completed in junior year (Board to designate the subject). Such examinations are not to be considered as accepting the candidate for examination for license.

No report of the result of such examination will be given until same is averaged with the final examination to be taken after finishing the dental course. The fee for sophomore examination will be ten dollars (\$10), which will be credited on final examination, when the final is taken.

Rule XVIII. Clinical demonstration will be required of each applicant, reciprocity candidates included, the nature to be determined by the board. Candidates must furnish all needed materials and operating instruments, engine included. Work must be prepared in presence of the board. An average of 80 per cent required.

Rule XIX. At the opening of the examination the applicant will be furnished with envelope containing numbered card. The applicant will write the name and address upon the card, seal the envelope and use this number on all examination papers. The sealed envelopes will, at conclusion of the written examination, be handed to the secretary and must not be opened until all papers are graded.

Rule XX. Any candidate detected trying to give or obtain aid from a fellow candidate shall be dismissed from examination and his or her paper for the entire examination rejected.

Rule XXI. Applicants are expected to be promptly on time at the place of examination. One subject at a time will be taken and completed by all the class before taking another subject. Read questions very carefully. Do not give information not asked for.

Rule XXII. An applicant failing to pass the required per cent may appear before the board at the next regular examination. A failure to pass second examination will disbar candidate from further examination by this board unless full fee is paid and complete examination taken.

Rule XXIII. The law does not permit board to issue temporary license, hence failure of an applicant to secure proper grade debars from practice. This rule will be strictly enforced.

Rule XXIV. An applicant for exchange certificate must be a member of the State Dental Society of Iowa as this requirement is demanded by other states having reciprocity laws.

Rule XXV. All licenses must be recorded in the office of the clerk of the court of the county in which holder is practicing within six months from the date of issue. A license is of no value unless properly recorded within specified time.