



## University of Maryland Dental Department Catalog 1908-1909

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~~~~~TWENTY-SEVENTH~~~~~

# Annual Announcement and Catalogue

... OF THE ...

JAN 5 '08

## Dental Department of the University of Maryland.



Northeast Corner Lombard and Greene Streets,

BALTIMORE, MD.

Session 1908-1909.



Dental Practitioners and others Desiring to Receive the Annual Catalogue Regularly, are requested to send their Names and Addresses to the Dean.



**DENTAL BUILDING OF THE UNIVERSITY OF MARYLAND.**

**COMPLETED 1904.**

# The University of Maryland,

N. E. Corner Lombard and Green Streets,

BALTIMORE, MD.

THE UNIVERSITY OF MARYLAND is represented by five departments, each having a distinct Faculty of Instruction.

1st. THE COLLEGE OF LIBERAL ARTS at Annapolis, Maryland.

St. John's College, Annapolis, Md., founded in 1696, is by affiliation styled the Department of Arts and Sciences. The curriculum leads to the degree of Bachelor or Master of Arts or Science.

2nd. THE SCHOOL OF PHYSIC in Baltimore, Md.

This school was established in Baltimore, Md., in 1807, and offers a high grade course in medicine, leading to the degree of Doctor of Medicine, and extending over a period of four years. It represents the DEPARTMENT OF MEDICINE.

3rd. THE SCHOOL OF LAW in Baltimore, Md.

The school was opened in 1822 and is designed by means of a course of study covering three years to qualify its students for the degree of Bachelor of Laws and for a successful practice of the Law. It represents the DEPARTMENT OF LAW.

4th. THE DEPARTMENT OF PHARMACY was established in 1841 and affiliated with the School of Physic in 1904.

5th. THE DEPARTMENT OF DENTISTRY was founded in 1882, and is designed to teach the art of dentistry as an integral part of the School of Physic. The course of study leading to the degree of Doctor of Dental Surgery covers a period of three years.

## Regents of the University.

BERNARD CARTER, L. L. D., Provost.

SAMUEL C. CHEW, M. D.  
RICHARD M. VENABLE, Esq.  
HON. JOHN P. POE.  
FERDINAND J. S. GORGAS, M. D., D. D. S.  
JAMES H. HARRIS, M. D., D. D. S.  
R. DORSEY COALE, Ph. D.  
RANDOLPH WINSLOW, M. D.  
HON. HENRY D. HARLAN.  
EDGAR H. GANS, Esq.  
L. E. NEALE, M. D.  
CHARLES W. MITCHELL, M. D.  
THOMAS A. ASHBY, M. D.  
WM. T. BRANTLY, Esq.  
J. HOLMES SMITH, M. D.  
DAVID M. R. CULBRETH, M. D., Ph. G.  
JOHN C. HEMMETER, M. D., Ph. D., LL. D.  
CHARLES CASPARI, Jr., Phar. D.  
DANIEL BASE, Ph. D.  
HENRY P. HYNSON, Ph. G.  
HON. HENRY STOCKBRIDGE.  
HON. J. WIRT RANDALL, LL. D.  
PHILEMON H. TUCK, Esq.  
THOMAS FELL, Ph. D., LL. D., D. C. L.

## The University Council.

THE CHANCELLOR,  
HON. AUSTIN L. CROTHERS,  
Governor of Maryland.

THE PRO-CHANCELLOR,  
HON. BERNARD CARTER, LL. D.

THE VICE-CHANCELLOR,  
THOMAS FELL, Ph. D., LL. D., D. C. L.  
President of St. John's College.

PROFESSORS B. V. CECIL and C. W. STRYKER,  
For St. John's College.

PROFS. R. DORSEY COALE, Ph. D., and R. WINSLOW, A. M., M. D.,  
For School of Medicine.

PROFESSORS JOHN P. POE and W. T. BRANTLEY,  
For School of Law.

PROFESSOR F. J. S. GORGAS, A. M., M. D., D. D. S.,  
For School of Dentistry.

PROFESSOR CHARLES CASPARI, Jr., Ph. G.,  
For School of Pharmacy.

The above council formulates the scheme of studies to be pursued by students  
desiring both an academic and a professional, or scientific degree.

## FACULTY OF THE DENTAL DEPARTMENT.

FERDINAND F. J. S. GORGAS, A. M., M. D., D. D. S.,  
Professor of Principles of Dental Science, Oral Surgery and Dental Prostheses.

JAMES H. HARRIS, M. D., D. D. S.,  
Professor of Operative Dentistry.

R. DORSEY COALE, A. M., Ph. D.,  
Professor of Chemistry and Metallurgy.

RANDOLPH WINSLOW, A. M., M. D.,  
Clinical Professor of Oral Surgery.

J. HOLMES SMITH, A. M., M. D.,  
Professor of Anatomy.

JOHN C. HEMMETER, M. D., Ph. D., LL. D.,  
Professor of Physiology.

TIMOTHY O. HEATWOLE, M. D., D. D. S.,  
Professor of Dental Materia Medica and Therapeutics.

JOHN C. UHLER, M. D., D. D. S.,  
Associate Professor of Prosthetic Dentistry.

ISAAC H. DAVIS, M. D., D. D. S.,  
Professor of Clinical Dentistry and Orthodontia.

J. S. GEISER, D. D. S.,  
Demonstrator of Operative Techniques.

HOWARD EASTMAN, D. D. S.,  
Demonstrator of Prosthetic Techniques.

L. WHITING FARINHOLT, D. D. S.,  
Demonstrator of Crown-Bridge, Porcelain and Inlay Work.

CLYDE V. MATTHEWS, D. D. S.,  
Demonstrator of Histology, Pathology and Bacteriology Laboratory Work.

WILLIAM A. REA, D. D. S.,  
Chief Demonstrator of Operative Dentistry.

FRANCIS J. VALENTINE, D. D. S.,  
Demonstrator of Operative Dentistry.

S. WHITEFORD MOORE, D. D. S.,  
Demonstrator of Anaesthesia.

|                              |                                  |
|------------------------------|----------------------------------|
| W. D. WINKLEMAN, D. D. S.    | ROBERT W. BALL, D. D. S.         |
| JAMES B. SEBASTIAN, D. D. S. | GEORGE F. DEAN, D. D. S.         |
| J. F. KOERNER, D. D. S.      | EMORY W. CROWE, D. D. S.         |
| G. O. HILDEBRAND, D. D. S.   | A. PRESTON SCARBOROUGH, D. D. S. |
| EDMUND KAHN, D. D. S.        | J. E. HERONEMUS, D. D. S.        |
| E. JEROME JENKINS, D. D. S.  | J. W. HAROWER, D. D. S.          |
| J. LEONARD GETCHEL, D. D. S. | H. A. FREEMAN, D. D. S.          |
| LEROY SIEGLER, D. D. S.      |                                  |

Assistant Dental Demonstrators.

J. W. HOLLAND, M. D.,  
Associate Professor and Demonstrator of Anatomy.

H. M. FITZHUGH, M. D.,  
Assistant Demonstrator of Anatomy.

Crown and Bridge-Work, Porcelain Work, Inlay Work and Continuous Gum Work  
are especially demonstrated by experienced Instructors.

At stated times during the Regular Sessions a number of distinguished Dental  
Practitioners hold Clinics and deliver Lectures.

The members of the different State Boards of Dental Examiners are invited to  
visit the school on all occasions.

**F. J. S. GORGAS. M. D., D. D. S.**

Dean of the Dental Department of the University of Maryland. **Hamilton Ter-  
race, 845 N. Eutaw St., Baltimore, Md., or University of Maryland Dental Depart-  
ment, Greene and Lombard Streets.**

## BRIEF HISTORICAL SKETCH.

The history of a University becomes not only interesting, but also instructive, when, after an existence of a century, its record becomes a chronicle of important events, and its list of Alumni contains the names of men who have occupied some of the most prominent positions in their respective professions, and who have also been honored at home and abroad for scientific achievements and valuable discoveries.

The period directly following the great struggle for liberty in this country was distinguished by the organization of professional schools in Medicine, Law and Theology. It was during such a period that the University of Maryland can trace its origin.

Since St. John's College has been affiliated with the University of Maryland there is a lineage which goes back much further than a century, as St. John's College was founded in 1739, it being the outgrowth from King Williams College, founded in 1696, so that through its connections, the University of Maryland reaches back to almost the earliest period of American history.

The idea of establishing a Medical School in Maryland originated with that eminent physician, Dr. John Beale Davidge, as early as 1796, who also succeeded in interesting in such an enterprise the equally eminent Dr. Nathaniel Potter, and other prominent men. Courses of Medical Lectures were annually delivered until 1807, when the Board of Regents and the Faculty secured a charter from the Legislature of the State of Maryland. In 1812 the present University Building, in imitation of the Pantheon at Rome, was begun, and the ensuing Session was held in the partially completed building. In the same year the Legislature of Maryland passed an act authorizing the Medical School to connect and annex to itself three other schools—Law, Divinity and Arts and Sciences, thus constituting by name and title the University of Maryland.

The first Provost of the University was the Hon. Robert Smith, who had occupied the position of Secretary of State of the United States. The second Provost was the Right Rev. James Kemp, D. D., who conferred the Honorary Degree of LL. D. upon Lafayette in the University Building, October 24, 1824, during the last visit of that illustrious Frenchman to this country. The illustrious Chief, Justice Roger B. Taney, Dr. Ashton Alexander and John P. Kennedy, the latter having a high reputation in the literary world, followed as Provosts until 1870.

The Honorable Severn Teackle Wallis, LL. D., one of the most intellectual men of his day and a distinguished jurist, occupied the position of Provost from 1870 until his death in 1894.

The present Provost, Bernard Carter, LL. D., is one of the most eminent members of the legal profession in this country.

The University Hospital, erected in 1823, was succeeded in 1896 by the present large and handsome structure, which, in accommodations, equipment and appearance, will compare favorably with any other in this country.

The Law Department, which occupies a separate building on the University grounds, was chartered in 1823, and among its Faculty and Alumni are many of the most able jurists of the State of Maryland.

In 1882 the Legislature of Maryland chartered the Dental School as one of the Departments of the University. The first Dental Building was erected during that year, and no less than four additions were made to it before it was torn down to erect the present new building in 1903. The first session of the Dental Department was held in 1882, with over sixty students; the latter classes have since numbered hundreds. In 1821 and 1822 the first dental lectures in America were delivered in the University of Maryland, and in 1835 a regular course of dental lectures was delivered in this University by Dr. Horace H. Hayden, who was also the first dental practitioner registered to practice his profession in the United States, and was afterward associated with Dr. Chapin A. Harris in organizing the first Dental College in the world. The University of Maryland was, therefore, the first to give instructions in Dentistry.

The Maryland College of Pharmacy was established in 1841 and was affiliated with the University of Maryland in 1893, as the Department of Pharmacy. This School of Pharmacy is one of the most efficient and successful in this country.

# Announcement.

1908-1909.

THE TWENTY-SEVENTH REGULAR OR WINTER COURSE OF INSTRUCTION IN THE UNIVERSITY OF MARYLAND DENTAL DEPARTMENT will begin on Thursday, October 1st, 1908, and continue for seven months, irrespective of vacations. The ANNUAL COMMENCEMENT will be held at the close of the regular session. During the session there will be a vacation from the 24th of December to the 2nd of January. The class Examinations are held in January and April of each year.

The Spring and Summer Course will begin at the close of the Winter Session and continue until the opening of the Regular Session.

In presenting the Annual Announcement of the Dental Department of the University of Maryland for the Collegiate year 1908-1909, the Faculty are gratified to be able to state that their efforts to provide a thorough and practical course of instruction for dental students have received the approval of the best men in the dental profession, and been highly appreciated by those in attendance on the lectures, clinics and demonstrations of the course. The energetic efforts made to secure completeness in every department of this school have resulted in a prosperity which is truly gratifying, and which affords indisputable evidence that the methods of instruction adopted have received the sanction of the profession and accomplished the results anticipated in thoroughly instructing the student in all that pertains to the science and art of dentistry.

The hundreds of graduates of this College of Dentistry are now located in almost every part of the civilized world, and by their ability have established a high reputation for themselves, and also for their Alma Mater.

The instruction in the University of Maryland Dental Department embraces a graded course of three sessions, and includes all subjects which comprise the theory and practice of Dental Surgery.

Practical Infirmary and Laboratory operations are combined with theory as taught in didactic lectures and clinics, and hence require personal contact with patients. The Infirmary practice of this School will compare favorably with that of any other dental college in this country.

The curriculum proper is arranged strictly with a view to prepare students for dental practice, and the facilities for practice, as well as for theoretical instruction, are ample.

Connected with, and the students enjoying all the advantages of one of the oldest Universities in this country, the Faculty of this Dental Department can offer to its matriculates such a thorough, systematic and practical dental education as the present advanced science and art of dentistry demands.

The rapid advance of the art and science of dental surgery, and the recognition of it by the leading Medical Associations as a specialty of Medicine, as well as the desire of every reputable dental practitioner to have it accepted as such, renders it necessary to increase the facilities by which dental students can acquire not only a thorough knowledge of the profession of their choice, but also a knowledge of the collateral sciences. By placing dental surgery, as connected with oral surgery, in a position where it is accepted as a department of medicine, its status is exalted, a larger number of intellectual men enter its ranks and a new impetus to thought and investigation is thereby created.

The instruction in both Operative and Prosthetic Dentistry is as thorough as it is possible to make it, and embraces everything pertaining to dental art. The advantages which the surgical clinics, both general and oral, (to which the dental students are admitted, as indeed to all the lectures of the University) afford, cannot be overestimated. Annually an attendance of many thousand Patients in the Out-Patient Department, in addition to the Ward patients, are treated in the large University Hospital, which assists in furnishing an abundance of material for the Dental Infirmary and Laboratory practice.

THE NEW DENTAL BUILDING, completed in 1904, is situated on an elevated site on the N. E. corner of Lombard and Greene streets, and is especially convenient in reach from all lines of travel, both general and city. It is lighted by both electricity and gas, and all its rooms are easily accessible. This building is heated by steam, and no expense has been spared in its equipment. It contains a large DENTAL INFIRMARY OR OPERATING ROOM (100-33) lighted from the North, West, South and East, and is furnished with a full complement of Wilkerson Operating Chairs, all having an unobstructed light; also, an additional DENTAL LECTURE HALL, with elevated seats. Also, the DENTAL MUSEUM, CLINIC ROOMS, EXTRACTING ROOM, IMPRESSION ROOM, RECEPTION ROOMS, ASSEMBLY and READING ROOM, TECHNIC ROOM, TOILET ROOMS, Patients' and Students' private Rooms, Halls, and Stairways. Also, separate SENIOR, JUNIOR and FRESHMEN LABORATORIES, PATHOLOGICAL, HISTOLOGICAL, BACTERIOLOGICAL and CHEMICAL LABORATORIES and the office of the DEAN. Private lockers and drawers secure the safety of the instruments, books and clothing of the students. The LECTURE HALLS in the University Building are capable of accommodating hundreds of students, being large and well lighted.

The large and interesting DENTAL MUSEUM of the University contains many specimens of peculiar interest to dental students, and compares favorably, on account of the large donations of valuable dental, pathological and other specimens received from this and foreign countries, with that of any other dental institution.

Working Chemical, Pathological and Histological, Physiological and Bacteriological Laboratories, for the instruction of students during and between sessions, are conducted under the immediate supervision of the Professors of those chairs.

Adjacent to the Dental Infirmary and Laboratory Building and separated from it only by the width of a street, is the extensive and modern University Hospital, in which are daily held the surgical and other clinics, affording the dental student opportunities of witnessing every variety of general and oral surgical operations, as it is one of the largest institutions for the care of the sick in the city of Baltimore; and the trained nurses, to whom are confided the domestic management of the institution, are everywhere favorably known as tender and skillful.

The Professors of the Faculty of Physic are connected with a number of Charity Hospitals, the inmates of which also add to the number of dental patients. All dental patients are operated on by the students under the careful supervision of the Professors and Demonstrators, and the expenses attending such operations are borne by the University. The benefits of such a large Infirmary and Laboratory practice as this institution affords to the dental student cannot be overestimated, and the sources from which the Dental Department of the University of Maryland obtains an ample supply of dental patients are so numerous and well assured that the facilities for the acquirement of practical skill in this institution cannot be surpassed.

The Dental Infirmary and Laboratories are open daily (except Sundays) during the entire year for the reception of patients, and THE PRACTICE OF DENTAL STUDENTS has increased to such an extent that all in attendance during the regular and summer sessions have an abundance of practical work in both operative and prosthetic dentistry. The means of practical instruction have already assumed such large proportions that the supply has been beyond the needs of the large classes in attendance, and during the past sessions it has often been necessary to turn away patients. The exceedingly large number of patients who visit the Infirmary to have teeth extracted affords every student ample opportunities for such practice. Special days each week of the sessions are devoted to instruction and lectures in Crown-and-Bridge-work, Plastic, Metal, Continuous Gum, Metallo-Plastic, Porcelain and Aluminum work.

# Course of Study.

## Dental Science, Oral Surgery, Dental Prosthesis.

PROF. FERDINAND F. J. S. GORGAS, M. D., D. D. S.

The course of instruction from this Chair will include the histology of the dental organs, bacteriology, and all the details connected with the etiology, pathology and treatment of the morbid conditions, and structural changes of the teeth, alveolar processes, etc., particularly the special pathology, diagnosis and treatment of all dental diseases, and the local effects upon the dental organs of general constitutional and hereditary disease; the local and constitutional effects of the eruption of the teeth, the special application of all medical agents employed in dental practice. Also, all that pertains to Dental Prosthesis, such as the preparation and treatment of the mouth for artificial dentures; the construction of artificial dentures on the different bases in use, such as vulcanite, celluloid, gold work and continuous gum work, etc., embracing the entire procedure, from taking the impression to the completion of the case, and its proper adjustment to the mouth. Also, the properties, alloys and dental uses of the various metals used in the laboratory will be fully described in daily lectures. In conjunction with the lectures, complete and thorough instructions in all forms of metal and combination work, Crown-and-Bridge-work, Continuous Gum, Porcelain and Plastic work will be given in the laboratory practice by competent instructors. Special lectures, as well as demonstrations in Crown-and-Bridge work, Porcelain-work, and the correction of the irregularities of the teeth are delivered each week of the session.

## OPERATIVE DENTISTRY.

PROF. JAMES H. HARRIS, M.D., D.D.S.

The course from this Chair will comprise a thorough, practical instruction in all dental operations such as filling, extracting, pivoting and regulating the teeth; the filling of pulp canals; the treatment of alveolar abscess, diseased pulps, etc., etc. All proper methods for performing operations on the teeth and tissues involved will be demonstrated at regular clinics. The various forms and qualities of gold and other metals will be carefully considered, and the KIND BEST SUITED for each particular case thoroughly explained and PRACTICALLY DEMONSTRATED in operations known to the profession. The advantages and disadvantages of each particular form of gold will be carefully scrutinized. The methods of manipulating cohesive and non-cohesive, or soft, gold foils will be carefully taught, as a knowledge of the uses of both forms is absolutely essential to a complete dental education. All plastic materials for filling teeth such as amalgam, cements, etc., and the mode of manipulation will receive careful attention.

Tests for defects in the plastic materials will be shown, and the student taught how to make such tests. In short, nothing will be left undone to familiarize the class with all known methods of operating and to impress upon the mind of each the best and most practical system of performing operations upon the teeth. At regular clinics every instrument will be shown and its use thoroughly demonstrated, and all new appliances will receive careful attention.

The Professor of this Chair will deliver a regular course of lectures on operative dentistry, in addition to giving special clinics at stated times for practical instruction.

## CHEMISTRY AND METALLURGY.

PROF. R. DORSEY COALE, Ph. D.

The aim of this course is to present to the student the most important facts and principles of Modern Chemistry in a plain but precise and scientific form. Special attention will be given to the mode of preparation, properties, etc., of the metals, alloys and the various compounds used in dental practice.

The course of lectures will be fully illustrated by experiments, for which purpose the department is well supplied with apparatus.

The Chemical, Histological, Bacteriological and other Laboratories of this department, open daily, offer excellent facilities to students desiring to take special courses in practical chemical manipulation and pathology.

## ORAL SURGERY.

PROF. RANDOLPH WINSLOW, M.D.

Surgery is an eminently practical branch, and as such is taught. Didactic lectures are illustrated by diagrams, casts, color drawings and a large collection of specimens. The University Hospital, as well as the Out-Door Department, supplies a varied clinic, so that the direct application of the principles of Surgery can be made in the immediate presence of the student, to his great advantage.

Every condition of oral and face disease is studied and treated, and every opportunity afforded the dental student to qualify himself in this important course of study, and advantages are presented which only dental schools directly connected with medical departments can command for their students.

## ANATOMY.

PROF. J. HOLMES SMITH, M. D.

Anatomy will be taught in the most practical manner, not only by didactic lectures in the anatomical theatre, but by class demonstrations of osteology and syndesmology, under the supervision of an Associate Professor of Anatomy. The lectures on this fundamental branch of medicine and dental science will be amply illustrated with preparations, models, plates, drawings and dissected cadaver. Special reference will be made to the anatomy, microscopical and comparative of the jaws, teeth, salivary glands and other organs and tissues, contained within or accessory to the oral cavity.

## PHYSIOLOGY.

PROF. JOHN HEMMETER, M. D., Ph. D., LL. D.

The instruction in this department is graded, and consists of lectures, conferences, demonstrations upon living animals, and written exercises which are handed in by the student once every month. The Professor gives a number of questions selected in such a way that the proper answering of them requires that the student shall not only have paid close attention to the lectures and demonstrations, but must read up very carefully in his text book at home. These exercises are corrected by the Professor; the errors are discussed in the classroom, when they are returned to the student.

There are really two courses in Physiology; an elementary course for the first year students, and an advanced course for the second year students. When the Physiologic Laboratory is completed it is hoped that the instruction will consist largely of experiments and observations made by the student himself. Students will be trained not to rest upon authority, but upon personal observation and individual analysis of the phenomena of life.

Part of the lectures in Elementary Physiology and the conferences are conducted by Dr. Charles C. Conser.

## THERAPEUTICS AND MATERIA MEDICA.

PROF. TIMOTHY O. HEATWOLE, M. D., D.D.S.

In this department special attention is bestowed upon the application of such remedies as are employed in the treatment of pathological conditions of the teeth and the oral cavity, together with their composition and physiological action. The nature, use and administration of anaesthetic agents both local and general, will also receive special attention both theoretically and practically in didactic lectures and demonstrations.

## CLINICAL DENTISTRY.

PROF. ISAAC H. DAVIS, M. D., D.D.S.

Clinical lectures are delivered which are illustrated by the performance of various operations upon patients in the Infirmary.

The Professor of this Chair has daily supervision over all operations performed in the Infirmary, and the methods taught are of such a character that, by attention and diligence, the student may become a good operator at the chair. The subject of **ORTHODONTIA** includes lectures and demonstrations embracing the etiology, diagnosis and treatment of the irregularities of the teeth by the approved methods for correction.

## DEMONSTRATIVE INSTRUCTIONS.

The facilities for securing patients for the students to acquire actual practice under the supervision of the professors and demonstrators are so superior that each student has ample opportunity for gaining practical knowledge and skill in manipulation, thus preparing him to enter with confidence, after graduation, upon the active duties of his profession. The importance of combining theory and practice cannot be overestimated.

**THE DENTAL INFIRMARY**, in charge of PROF. ISAAC H. DAVIS, affords every facility for practical knowledge in Operative Dentistry, the patients being assigned to the students by the Demonstrators, who are constantly present to give the required information and directions. Every one of the many operating chairs in the Infirmary can be connected with batteries for operating dental electric appliances, such as the electric plugger, electric mouth lamp, etc. Prof. Davis is assisted by a number of experienced Demonstrators.

**THE DENTAL LABORATORIES**, in charge of Prof. John C. Uhler, are so admirably equipped that they contain all the conveniences for the preparation of metals, the manufacture of teeth and the construction of artificial dentures of every kind. The Demonstrators of this department will always be ready to give the necessary instruction.

Under the teaching of skillful Instructors, the students can acquire a thorough knowledge of **METAL, CONTINUOUS GUM, CROWN-AND-BRIDGE-WORK, PORCELAIN WORK AND PLASTIC WORK**, the Laboratories being equipped with the latest and most approved furnaces and appliances for such styles of work. Lathes and Dental Engines are operated by electricity and foot-power.

**CROWN WORK, BRIDGE WORK AND PORCELAIN WORK.**—A complete course of Demonstrations and lectures is conducted by Dr. L. W. Farinholt, on this branch of dentistry.

In the Extracting Room the various general and local anaesthetics are daily administered and applied in the extraction of teeth.

**DENTAL TECHNICS.**—Complete courses of Dental Technics are conducted by Dr. J. S. Gieser and Dr. Howard Eastman. Owing to the scarcity of teeth for this course, students are requested to bring with them all the extracted teeth they can.

Students are assigned to seats in the Lecture Halls, and also to Infirmary and Laboratory lockers, in the order in which they matriculate, and each student is required to occupy the assigned seat during the session. Early matriculation secures the most prominent seats and lockers, as well as other advantages.

## PRACTICAL ANATOMY.

The Dissecting Room is in charge of Professors and Demonstrators of Anatomy, who superintend and direct the classes in their dissections. The rooms are new, convenient, well warmed, ventilated and lighted. The Demonstrators pass much of their time in assisting the students and in guiding their labors. (Access may be had to the rooms daily.)

## HOSPITAL CLINICS.

In addition to the facilities afforded by this institution for a thorough course of instruction in the theory and practice of dentistry, the clinics in the University Hospital enable the Dental equally with the Medical Students to become familiar with the diseases and operations of Practical Surgery; excisions of jaw, of tongue, partial or entire, tumors, cancerous or benign, of various parts of the buccal cavity; plastic operations for the restorations of cheek, lip, antrum disease, etc., may be mentioned as having been before the class during the year. The induction of anæsthesia by means of different agents—ether, chloroform, bromide of ethyl, nitrous oxide gas, somnoform, kelene, etc., all being used in the clinics—cannot fail to be of use to the students of Oral Surgery.

## SUMMARY OF STUDIES.

**FIRST YEAR.**—Anatomy, Physiology, Dental Materia Medica and Therapeutics, Chemistry, Dental Technics (Operative and Prosthetic), Prosthetic Dentistry (Didactic and Practical), Crown-work, Dissection, and the Extraction of teeth.

**SECOND YEAR.**—Anatomy, Physiology, Materia Medica and Therapeutics, Chemistry, Dental Materia Medica and Therapeutics, Clinical, Practical, Operative and Prosthetic Dentistry, Principles of Dental Science, Dental Pathology, Dental Histology, Crown-work, Bridge-work, Metallurgy, Porcelain-work.

**THIRD YEAR.**—Anatomy, Physiology, Materia Medica and Therapeutics, Chemistry, Operative and Prosthetic Dentistry, Clinics, Normal Histology, Bacteriology, Oral Surgery, Orthodontia, Dental Medicine, Dental Jurisprudence, General and Dental Pathology, Histological, Pathological and Bacteriological Laboratory Work, Crown-work, Bridge-work, Porcelain-work, Dental History. Also Practical, Operative and Prosthetic Work.

Freshmen and juniors who fail in their examination for a higher grade will be accorded the privilege of a second examination during the first month of the following regular session. Seniors, under like circumstances, may pass a second examination at the commencement of the ensuing session.

## SESSIONS.

Each Collegiate Year consists of two sessions: First, the Winter Session on which alone attendance is obligatory; and Second, Spring and Summer Session.

The WINTER SESSION, 1908-1909, begins October 1st, 1908, and the Commencement exercises are held at the close of each winter session.

THE SPRING AND SUMMER SESSION each year begins at the close of the Winter Session and continues until the opening of the next Winter Session. The work of the Spring and Summer Session is altogether practical, no lectures are delivered, but the Dental Students attending this session will have, in addition to practical instruction in Operative and Mechanical Dentistry, the privilege of attending the SURGICAL, MEDICAL AND DAILY BEDSIDE CLINICS of the University Hospital, where a large number of patients are treated.

The many advantages of the Spring and Summer Session for actual practice cannot be overestimated, as the number of patients applying for dental services is always very large, and the Infirmary is never closed except on Sundays.

Students who have no dental experience, and also those First and Second Course Students who desire to avail themselves of the great advantages offered for practical work and instruction, are earnestly advised to attend the Spring and Summer Course. Indeed, every student, if it is possible, should take advantage of such an opportunity for acquiring practical knowledge. This course, however, is not considered as equivalent to a Regular or Winter Course, in the requirements for graduation, and attendance on it is not obligatory, but it affords great opportunity for practical work.

This Dental Department strictly complies with the rules of the National Association of Dental Faculties and the National Association of Dental Examiners. At the May, 1907, examinations of the Maryland State Dental Board of Registration, twenty-two of the graduates of this Dental Department presented themselves, and all passed successfully.

## QUALIFICATION FOR ADMISSION.

This University Dental Department is a member of the National Association of Dental Faculties and conforms to all the rules and regulations of that body. Therefore, candidates for entrance will be expected to pass an examination corresponding to that required in a high school of their section of country. A certificate of educational qualification equivalent or superior, to such a course will be accepted as sufficient for admission without examination. A knowledge of Latin or Greek is not required. The preliminary examination, when such is required, is in the hands of the State Superintendent of Public Instruction, who has appointed Prof. J. H. Elliott, of the Baltimore City College, to make examinations and pass upon certificates for the University of Maryland Dental Department. A matriculate examination is not required of those coming with an intermediate certificate from other recognized dental schools.

According to a resolution passed by the National Association of Dental Faculties, no Dental School can admit students later than the 10TH DAY after opening of the regular session; hence, all students must enter the school WITHIN THE FIRST TEN DAYS OF THE SESSION, in order to be credited with a full session.

In case of sickness, attested by a physician's certificate, a student may enter twenty days after the opening of the winter session.

Graduates of this school are admitted on the matriculation fee only; graduates of other schools on the payment of the matriculation fee and \$50 tuition fees.

Graduates of recognized Medical Colleges are admitted to the Junior or Second Year Class, without examination.

Students who enter from other reputable Dental Colleges, will be credited for such studies on which they have passed *finally* in their former Colleges, except the purely dental studies.

The National Association of Dental Faculties has forbidden all Dental Colleges in this country from granting Scholarships, by the following resolution: "Resolved, That it is the sense of this Association that the method of bestowing Scholarships is no longer called for and is detrimental to the best interests of the profession, and that hereafter no College of this Association shall grant either free or beneficiary Scholarships."

## REQUIREMENTS FOR GRADUATION.

The candidate for graduation must have attended three full courses of lectures, demonstrations and clinical instruction at the REGULAR OR WINTER SESSIONS in this or other recognized school.

The following, however, will be considered equivalent to an attendance on one or two courses of lectures in this Dental School: One or two courses in any reputable dental school, prior to matriculation in this University.

The candidate for graduation must also present himself for examination upon all subjects composing the Dental Course of Instruction. Prior to such examinations, he must show specimens of operations upon the natural organs *performed in the Dental Infirmary of the University*, and present an approved specimen of dental mechanism *constructed in the Dental Laboratory of the University* to be deposited in the University Museum. Candidates for graduation who fail to pass the final Examinations at the end of the year have the privilege of standing a second examination for the degree of D. D. S., in the following fall, without being compelled to attend another session. Candidates failing to graduate are not required to appear for examination in those branches in which they have obtained the required percentage.

The judgment of the Faculty upon the fitness of a candidate is based upon their knowledge of his general attendance and industry, character and habits, as well as upon the results of his final examinations.

The Faculty, however, wish to be distinctly understood that while any student who has complied with the technical requisitions, viz.: Matriculation, attendance upon lectures and clinics, etc., may appear before them for examination, they reserve for themselves and will exercise the right of making moral as well as professional qualifications an element in their decision. Open irregularities of conduct, negligence, habitual and prolonged absence from lectures and neglect or failure to comply with requirements, will always be regarded as obstacles to the attainment of a degree or advancement to a higher grade. Violation of the State Dental Law is strictly forbidden.

Attendance upon the Commencement Exercises is obligatory upon every candidate for graduation.

## Fees for Each Regular Winter Course.

*The Fees (with the Exception of the Diploma Fee) must be paid as follows: One-half on the entrance day, and the balance during the first week of the succeeding January; this rule must be strictly observed.*

Matriculation (paid once only), \$5.00. Tuition fee, \$150.00. Diploma fee, \$30.00. Dissecting fee (paid once only), \$10.00. Students who have attended a Session of this, or any other College, prior to 1906-1907, are admitted on the old fees.

(The Diploma fee must be paid by the first of April of the year of graduation.)

A special ticket is issued at the close of each session to every student of the first and second year classes, as an evidence that he has passed successfully, or unsuccessfully, examinations for advancement to a higher grade, and also has attended a full session.

*No assessment is made on candidates for graduation, the University bearing all the expenses attending the Commencement Exercises.*

Dental students who have attended three full sessions in the University are privileged to attend subsequent sessions on payment of the matriculation fee only.

Tickets for any of the Courses of Study may be taken out separately.

Applicants for admission can send to the Dean at any time between regular sessions the fee of \$5.00 in order to secure prominent seats in the Lecture Halls, and also lockers and drawers in the Infirmary and Laboratories.

## Fees for the Spring and Summer Courses.

The tuition fee for the Spring and Summer Course is \$75, which must be paid by the first of June of each year, or on matriculation if the student enters later; this amount will be deducted from fees of the next following Winter Session.

All tickets for the Dental Department will be issued by the Dean of that Department, at the University Dental Building, or at his office, 845 North Eutaw Street, near Biddle Street, Hamilton Terrace, to whom all dental students are requested to report themselves immediately upon their arrival in Baltimore.

### Text-Books.

ON OPERATIVE DENTISTRY: Johnson's or Kirk's Operative Dentistry, each \$6.00.

ON PROSTHETIC DENTISTRY. Turner's \$6.00.

ON MATERIA MEDICA AND THERAPEUTICS: Gorgas' Dental Medicine, 7th edition, \$4.50, and Stevens' Mat. Med. and Therapeutics, \$3.50.

ON PHYSIOLOGY: Kirke's, \$3.00.

ON ANATOMY: Gray's, \$6.00.

ON CHEMISTRY: Miller's Introduction to Inorganic Chemistry, \$1.12; Roscoe's Elementary Chemistry, \$1.10; Remsen's, \$1.00.

ON NORMAL HISTOLOGY, (Senior Year): Piersol's, \$3.50, or Storh's, Hill's or Schaefer's.

ON ORTHODONTIA, (Senior Year): Guilford's, Talbott's or Angle's, \$5.00.

ON BACTERIOLOGY, (Senior Year): Abbott's, \$2.75; McFarland's, \$3.50.

ON PATHOLOGY: McConnell's, \$2.50.

ORAL SURGERY, Marshall's, \$5.00.

DENTAL ANATOMY AND HISTOLOGY: Broomell's, \$4.50.

The following works will prove useful to Dental Students:

"Questions and Answers" comprising the entire curriculum of the Dental Student, by Professor Gorgas, will be found useful in the study of text-books, and also a guide for study preparatory to entering college and during the sessions, and for final and State Board Dental Examinations. In one vol., price, \$6.00.

The latest (6th) edition of *Harris' Dental Dictionary*, revised by Professor Gorgas, proves a valuable text book for the dental student, \$5.00.

Also *Essig's Dental Metallurgy*, *Mitchell's Dental Chemistry*, or *Hall's Dental Chemistry and Metallurgy*.

The student should have at least one standard work upon each subject taught them in the University.

After the books for the first year are purchased, which will include the first six on the above list, the second and third years will require but three or four more books.

Text-books can be obtained at a discount from retail prices to students of this college from the Agent of the Publishers, at the University of Maryland.

**INSTRUMENTS.**—Every student is required to furnish his own hand instruments in what are known as "Student Sets," which can be used in after practice. The cost of these "Sets" of instruments will vary accordingly to number and finish; the larger sets with the text-books can be procured for \$80.00. A smaller set of instruments can be procured for about \$50.00, not including the dental engine. All dental schools now require the students to procure their own dental engines for use in the Infirmary. The University furnishes extracting forceps, vulcanizers, electric and foot lathes and other large instruments used in Laboratories.

BOARD in private houses can be obtained at from \$3.50 to \$4.00 per week according to quality, including lodging, fuel and light; also furnished or unfurnished rooms, without board, at from \$6 to \$10 per month. By leaving baggage at railway depot until after matriculation, time and expense may be saved, as the student can go from the office of the Dean direct to the College Building on University grounds, northeast corner of Lombard and Greene Streets, where the Janitor will furnish him with a list of comfortable and convenient boarding houses suitable to his means and wishes. The expenses of living are at least as low, if not lower, in Baltimore as in any large city in the United States. Good boarding houses are within easy walking distance of the University.

The personal expenses of students are at least as low in Baltimore as in any large city in the United States. The following estimates of students' personal expenses for the academic year of seven months have been prepared by students, and are based upon actual experiences:

| ITEMS.                                 | Low.         | Average.     | Liberal.     |
|----------------------------------------|--------------|--------------|--------------|
| Books.....                             | \$ 18        | \$ 32        | \$ 50        |
| College Incidentals.....               | .....        | 5            | 10           |
| Board, seven months.....               | 75           | 85           | 110          |
| Room rent, if separate from board..... | 24           | 40           | 50           |
| Clothes and Washing.....               | 30           | 40           | 60           |
| All other expense.....                 | 10           | 20           | 75           |
| <b>Total.....</b>                      | <b>\$157</b> | <b>\$222</b> | <b>\$355</b> |

## PRIZES.

The following prizes were awarded to members of the Senior, Junior and Freshman Classes of this Dental Department for the session of 1907-1908:

University Gold Medal—For Highest Grade at Final Examinations, Eugene B. Howle, of North Carolina.

Honorable Mention—For Second Highest Grade, Raymond S. Neiman, of Pennsylvania.

ROLL OF HONOR—Students of the Senior Class grading to a possible 700: Eugene B. Howle, Raymond S. Neiman, Charles L. Callaway, James D. Allworth, Harry J. Noonan, Samuel R. Watson, Thomas A. Foley, Augustin Sagebien, Frank A. Lasley, George A. Phillips, George N. Butler, Herbert W. Atkinson, William E. Hines, Jesse R. Piper, Frederick E. Monks.

### SENIOR CLASS PRIZES.

Prof. James H. Harris' Gold Medal—For Best Non-Cohesive Gold Filling, Raymond S. Neiman.

Honorable Mention—First, Rodger W. Williams; second, Louis J. Pegram.

Prof. F. J. S. Gorgas' Gold Medal—For Best Cohesive Gold Filling, Augustin Sagebien.

Honorable Mention—First, Frank A. Lasley; second, William B. Skaggs; third, William E. Hines.

Prof. Isaac H. Davis' Gold Medal—For Best Combination Gold Filling, Robert E. Allen.

Honorable Mention—Harry C. Robertson.

Gold Medals for Senior Class, Crown and Bridge-Work—Augustin Sagebien and Charles L. Callaway.

Honorable Mention—Samuel R. Watson.

Gold Medal for All-Metal Set of Teeth—J. Ralph Piper.

Honorable Mention—First, Augustin Sagebien; second, George N. Butler.

### JUNIOR CLASS PRIZES.

Gold Medals—For Crown-and-Bridge-Work, George C. Spies, Jr., and Farris S. Sawaya.

Honorable Mention—Samuel M. Long.

Gold Medal—For Combination Set of Teeth, Farris S. Sawaya.

Honorable Mention—John R. Jordan.

### FRESHMAN CLASS PRIZES.

Gold Medal—For Vulcanite Set of Teeth, Daniel Van Nostrand.

Honorable Mention—William P. Wilson.

Luther D. Benton Gold Medal—For Crown-and-Bridge-Work, Sherley M. Callaway.

Honorable Mention—First, James H. McGinn; second, Harry W. Blaisdell.

A number of prizes will be awarded to the Students of the Session 1908-1909. All "prize work" must be constructed in the Dental Laboratory of the College under the supervision of the Associate Professors and Demonstrators. A certificate signed by the Dean and bearing the seal of the University, accompanies each prize.

*Members of the dental profession having specimens of abnormal development, of unusual pathological conditions, models of irregularities, ores of metals, comparative anatomy specimens, etc., are respectfully requested to donate them to the Museum of this department, when they will receive suitable acknowledgment, and the donor's name be attached to the specimen and published in the annual catalogue.*

The Faculty desire to acknowledge valuable donations to the Museum of the Dental Department during the past year from the following dental practitioners:

Prof. John C. Uhler, Drs. Alexander Leeds, W. Va.; Raymond S. Neiman, Penn.; L. L. Belcher, W. Va.; George E. Truitt, Mexico; Herbert F. Gorgas, Md.; Rodger W. Williams, Md.; A. P. Badger, Md.; G. Bruce Geyer, W. Va.; Charles A. Shreeve, Md.; Winfield S. Garland, N. H.; William A. Rea.

YOUNG MEN'S CHRISTIAN ASSOCIATION OF THE UNIVERSITY OF MARYLAND.—This Association has been established for thirteen years past in the University and has been attended with success ever since its organization.

All students are eligible to membership as actives or associates, which membership includes special privileges in the City Association.

The rooms of the Association are located in one of the Buildings of the University.

A Students' Bible Class is maintained by the Association, and every effort exerted to promote Christian character and morality.

There will be a committee on hand at the opening of the session to welcome new students, and a reception by the Association will be given early in the session.

All young men who intend to enter the University are cordially invited to address the officer named below, who will be only too glad to render any assistance within his power and, on arriving in the city, are requested to make themselves known as soon as possible.

CHARLES ALFRED SHREEVE, President,

Maryland University, Dental Department.

## POST GRADUATE COURSE.

Since the organization of this Dental Department, an annual Post-Graduate Course has been open to the Graduates of this School.

POST GRADUATES, 1908.

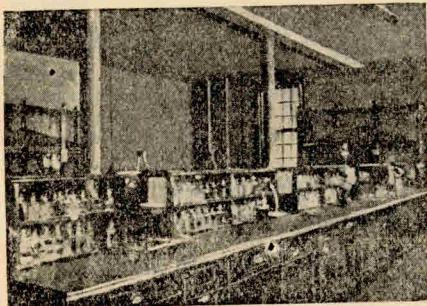
William Diedrich Creet, D.D.S.

Louis A. Thiel, D.D.S.

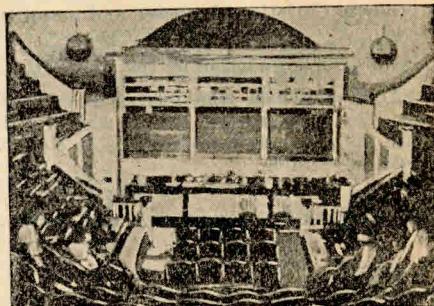
A. Preston Scarborough, D.D.S.

John F. Kernodle, D.D.S.

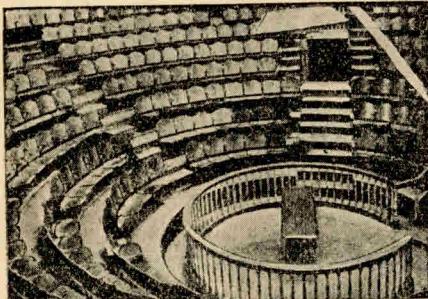
Each department of the University publishes a list of its matriculates in its respective Annual Catalogue. No names are published in the Catalogue of the Dental Department except those who are strictly Dental Students. The Annual Catalogue is published in June of each year. For Matriculating Students, the Dean will be found at his office in the Dental Building at 11 A. M. each week day.



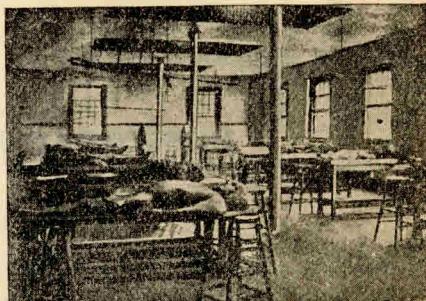
### In Chemical Laboratory.



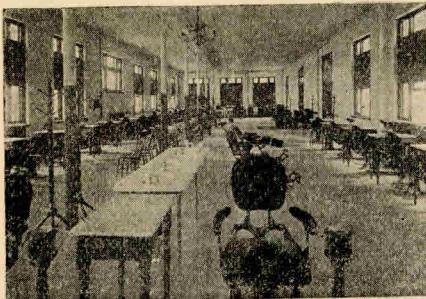
### In Chemical Lecture Hall.



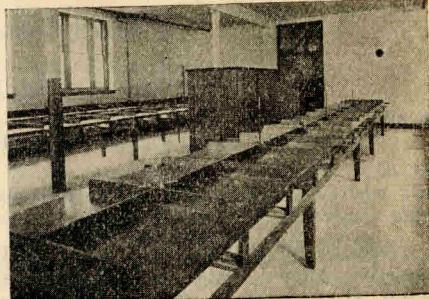
In Anatomical Lecture Hall.



### In Dissecting Room.



### In Dental Infirmary.



In each of the 3 Dental Laboratories.

## Views in Chemical Laboratory, Chemical Hall, Anatomical Hall, Dissecting Rooms, Dental Infirmary and Dental Laboratories.

# DENTAL INFIRMARY

—OF THE—

## University of Maryland

## Dental Department.

OPEN DAILY DURING THE ENTIRE YEAR

FROM 1 TO 6 P. M.

Clinics at 11 A. M. during Regular Session. During the Summer and the Regular Sessions many operations are performed in the Infirmary *free of charge*, at cost of material only. No expense of Students for material for college patients.

This infirmary is in charge of the Professors and Demonstrators, and the number of patients in daily attendance is frequently greater than can be accommodated.

During the session of 1907-1908 there were:

|                                                              |       |
|--------------------------------------------------------------|-------|
| Teeth Extracted.....                                         | 9,882 |
| Fillings inserted in teeth (gold, amalgam and plastic).....  | 4,763 |
| Teeth treated and crown-work.....                            | 9,702 |
| Sets of teeth made in Laboratory, including Bridge-work..... | 8,760 |
| Sets of Teeth repaired.....                                  | 8,670 |
| Surgical operations on Mouth and Jaws.....                   | 65    |

This record does not include the Spring and Summer Session of 1907, when the list of operations showed an average of more than one-third as compared with the regular, or Winter Sessions.

All general and local Anaesthetics in common use are daily administered and applied for the Extraction of Teeth and Surgical operations on the Head and Face.

All reliable materials are employed in the construction of Artificial Teeth, Metal and Plastic Work, Continuous Gum, Crown and Bridge Work and Porcelain Work are demonstrated by expert Instructors.

Profs. John C. Uhler, I. H. Davis and Dr. William A. Rea, assisted by competent Demonstrators, are in charge of the Infirmary and Laboratories during the Winter, Spring, and Summer Sessions.

Infirmary and Laboratories, in Dental Department Building, corner of Greene and Lombard Streets, Baltimore.

PROF. ISAAC H. DAVIS, M. D., D. D. S.

PROF. JOHN C. UHLER, M. D., D. D. S.

WILLIAM A. REA, D. D. S.,  
Demonstrator.

## Graduates of the Class of 1908.

|                             |                   |
|-----------------------------|-------------------|
| ALLEN, ROBERT E.            | North Carolina    |
| ALLWORTH, JAMES D.          | New York          |
| ATCHISON, HERBERT W.        | West Virginia     |
| BELCHER, LEVI LAWRENCE      | West Virginia     |
| BUTLER, GEORGE N.           | Brazil, S. A.     |
| CALLAWAY, CHARLES L.        | West Virginia     |
| CHAMBLIN, JOHN ANDERSON     | Florida           |
| CHAMPAGNE, ALPHONSE C.      | New York          |
| COURTNEY, CHARLES HILL      | North Carolina    |
| DARDEN, PERCY J.            | North Carolina    |
| FOLEY, THOMAS A.            | North Carolina    |
| FUNDERBURK, JAMES E.        | South Carolina    |
| GRAY, BENNETT               | Maryland          |
| HARGROVE, MATTHEW LEO       | North Carolina    |
| HARTY, E. ALLAN             | Jamaica, B. W. I. |
| HEWETT, VINTON L.           | Indiana           |
| HINES, WILLIAM EDWARD       | North Carolina    |
| HIRSCH, SANDAL              | New York          |
| HOFFMAN, SOLOMON B.         | Maryland          |
| HOWLE, EUGENE B.            | North Carolina    |
| JACKMAN, ROBERT WILLIAM     | New York          |
| KELLY, RALPH H.             | West Virginia     |
| LASLEY, FRANK A.            | North Carolina    |
| MOGULL, ABRAHAM             | Maryland          |
| MONKS, FREDERICK ERNEST     | Pennsylvania      |
| NIEMAN, RAYMOND SMYSER      | Pennsylvania      |
| NOONAN, HARRY JUDSON        | Maine             |
| PEGRAM, LOUIS J.            | North Carolina    |
| PHIFER, ALLIE GLENN         | North Carolina    |
| PHILLIPS, GEORGE ANDREW     | Maine             |
| PIPER, JESSE RALPH          | Pennsylvania      |
| PYLES, RICHARD G.           | Maryland          |
| QUITT, WILLIAM              | Maryland          |
| REICHENBACH, WILLIAM C.     | Connecticut       |
| ROBERTSON, HARRY CARLTON    | Maryland          |
| SACHS, JOSEPH L.            | Maryland          |
| SAGEBIEN, Y DUANY, AUGUSTIN | Cuba              |
| SKAGGS, WILLIAM B.          | West Virginia     |
| SOUTHARD, PHILIP C.         | Delaware          |
| SPANGLER, NEVIN RAY         | Pennsylvania      |
| STEIN, SAMUEL               | New York          |
| TEMPLE, EDMUND SMITH        | New York          |
| UNDERWOOD, JOHN THOMAS      | North Carolina    |
| VOIGT, WALTER THEODORE      | Maryland          |
| WATSON, SAMUEL R.           | North Carolina    |
| WILLIAMS, RODGER WALTER     | Maryland          |
| WINDHEIM, ARTHUR PETER      | New York          |

# CATALOGUE OF DENTAL STUDENTS.

SESSION 1907-1908.

All of these Matriculates conformed to the requirements for Admission as Specified by the Annual Catalogue each year.

## SENIOR CLASS.

| NAME.                    | RESIDENCE.        | PRECEPTOR.                                               |
|--------------------------|-------------------|----------------------------------------------------------|
| Allen, Robert E.         | North Carolina    | Dr. Jno. G. Marler and Vanderbilt Univ. Dental Dept.     |
| Allsworth, James D.      | New York          | Univ. Md. Dental Dept.                                   |
| Atchison, Herbert W.     | West Virginia     | Univ. Md. Dental Dept.                                   |
| Belcher, Levi Lawrence   | West Virginia     | Dr. F. G. Hall                                           |
| Bryner, Lester G.        | Pennsylvania      | Dr. J. D. Bassshore                                      |
| Butler, George N.        | Brazil, S. A.     | Dr. L. N. Johnson                                        |
| Callaway, Charles L.     | West Virginia     | Univ. Md. Dental Dept.                                   |
| Chamblin, John Anderson  | Florida           | Univ. Md. Dental Dept.                                   |
| Champagne, Alphonse C.   | New York          | Univ. of Buffalo Dental Dept. and Univ. Md. Dental Dept. |
| Copeland, Abraham E.     | Maryland          | Univ. Md. Dental Dept.                                   |
| Courtney, Charles Hill   | North Carolina    | Atlanta Dent. College and Univ. Md. Dental Dept.         |
| Darden, Percy J.         | North Carolina    | South. Dental College and Univ. Md. Dental Dept.         |
| Foley, Thomas A.         | North Carolina    | Dr. G. M. Bowen                                          |
| Funderburk, James E.     | South Carolina    | Univ. Md. Dental Dept.                                   |
| Gray, Bennett            | Maryland          | Balto. Med. Coll., D. D., and Univ. Md. Dental Dept.     |
| Haffenden, Ivan C. N.    | Jamaica, B. W. I. | Univ. Md. Dental Dept.                                   |
| Hargrove, Mathew Leo     | North Carolina    | South Cal. Dental Dept. and Univ. Md. Dental Dept.       |
| Harty, E. Allan          | Jamaica, B. W. I. | Univ. Md. Dental Dept.                                   |
| Hewitt, Vinton L.        | Indiana           | Balto. Med. Coll., D. D., and Univ. Md. Dental Dept.     |
| Hines, William Edward    | North Carolina    | Dr. J. N. Johnson                                        |
| Hirsch, Sandal           | New York          | N. Y. Coll. Dental Surg. and Univ. Md. Dental Dept.      |
| Hoffman, Solomon B.      | Maryland          | Univ. Md. Dental Dept.                                   |
| Howle, Eugene B.         | North Carolina    | Univ. N. C. and Univ. Md. Dental Dept.                   |
| Jackman, Robert William  | New York          | Dr. B. B. Ide                                            |
| Kelley, Ralph H.         | West Virginia     | Pittsburg Dental College and Univ. Md. Dental Dept.      |
| Lasley, Frank A.         | North Carolina    | Dr. H. V. Horton                                         |
| Malone, William T.       | Texas             | Dr. B. E. Thomas                                         |
| Mogull, Abraham          | Maryland          | Univ. Md. Dental Dept.                                   |
| Monks, Frederick Ernest  | Pennsylvania      | Dr. C. E. Monks                                          |
| Nieman, Raymond Smyser   | Pennsylvania      | Dr. E. H. Nieman                                         |
| Noonan, Harry Judson     | Maine             | Univ. Md. Dental Dept.                                   |
| Pegram, Louis J.         | North Carolina    | Univ. Md. Dental Dept.                                   |
| Phifer, Allie Glenn      | North Carolina    | Dr. Carlton B. Mott                                      |
| Phillips, George Andrew  | Maine             | Univ. Md. Dental Dept.                                   |
| Piper, Jesse Ralph       | Pennsylvania      | Univ. Md. Dental Dept.                                   |
| Pyles, Richard G.        | Maryland          | Dr. J. T. Pyles                                          |
| Quitt, William           | Maryland          | Dr. Alex. Freed                                          |
| Reichenbach, William C.  | Connecticut       | Dr. F. S. Parsons                                        |
| Robertson, Harry Carlton | Maryland          | Univ. Md. Dental Dept.                                   |
| Sachs, Joseph L.         | Maryland          | Univ. Md. Dental Dept.                                   |
| Sagebien, Augustin       | Cuba              | Dr. P. Hechavarria                                       |
| Skaggs, William B.       | West Virginia     | Dr. Calvin H. Skaggs                                     |
| Southard, Philip C.      | Delaware          | Dr. W. P. C. Combs                                       |
| Spangler, Nevin Ray      | Pennsylvania      | Dr. C. E. Glenn                                          |
| Stein, Samuel            | New York          | Dr. M. Stein                                             |
| Smith, Edmund            | New York          | Univ. Md. Dental Dept.                                   |

|                         |                |                                                             |
|-------------------------|----------------|-------------------------------------------------------------|
| Underwood, John Thomas  | North Carolina | Univ. Md. Dental Dept.                                      |
| Voigt, Walter Theodore  | Maryland       | Dr. C. W. Himmeler.                                         |
| Watson, Samuel R.       | North Carolina | Univ. Md. Dental Dept.                                      |
| Williams, Rodger Walter | Maryland       | Dr. S. B. Milford.                                          |
| Windheim, Arthur Peter  | New York       | Univ. of Buffalo Dental Dept.<br>and Univ. Md. Dental Dept. |

## JUNIOR CLASS.

| NAME.                       | RESIDENCE.        | PRECEPTOR.                     |
|-----------------------------|-------------------|--------------------------------|
| Anderson, J. F.             | North Carolina    | Dr. F. D. Carlton.             |
| Bachman, E. H.              | Maryland          | Dr. A. M. C. Bachman.          |
| Bell, M. S.                 | Maryland          | Dr. M. B. Bell.                |
| Bereston, A.                | Russia            | Univ. Md. Dental Dept.         |
| Bulhrman, R. A.             | Maryland          | Dr. F. J. Valentine.           |
| Cahill, W. D. Y.            | Virginia          | Dr. J. Semple Cahill.          |
| Carraballo, C. J., Phar. D. | Florida           | Dr. M. Carr.                   |
| Carter, S. J.               | Georgia           | Dr. L. D. Mitchell.            |
| Charron, A. W.              | Massachusetts     | Dr. O. Gregoire.               |
| Copelan, Anna R., M.D.      | Maryland          | Womans' Medical College.       |
| Cornell, J. M.              | Connecticut       | Balto. Med. Col. D. Dept.      |
| Daudelin, J. A.             | Canada            | Dr. A. J. Harpen.              |
| Davis, J. V.                | North Carolina    | Univ. Md. Dental Dept.         |
| Dobbin, A. H.               | New York          | Dr. O. P. Wolff.               |
| Doud, F. C.                 | New York          | Univ. Md. Dental Dept.         |
| Durling, A. D.              | Nova Scotia       | Univ. Md. Dental Dept.         |
| Edmonds, B. B.              | Virginia          | Univ. Md. Dental Dept.         |
| Epstein, P. P.              | Rhode Island      | Univ. Md. Dental Dept.         |
| Fields, C. E.               | North Carolina    | Univ. Md. Dental Dept.         |
| Gambill, J. R.              | Virginia          | Univ. Coll. Med. Dental Dept.  |
| Gansburg, A.                | Massachusetts     | Balto. Med. Coll. Dental Dept. |
| Gardner, H. S.              | West Virginia     | Dr. W. E. Minghini.            |
| Gravel, A. H.               | Massachusetts     | Dr. O. Gregoire.               |
| Geyer, G. B.                | West Virginia     | Dr. C. W. Link.                |
| Grant, W. W.                | Maryland          | Univ. Md. Dental Dept.         |
| Hayes, C. F.                | Rhode Island      | Univ. Md. Dental Dept.         |
| Herr, J. M.                 | Pennsylvania      | Dr. C. S. Baschoar.            |
| Hicks, H. W.                | Massachusetts     | Dr. L. M. Edes.                |
| Hopkins, E. H.              | North Carolina    | Dr. John A. Roach.             |
| Hull, C. R.                 | New York          | Univ. Md. Dental Dept.         |
| Hutchison, C. L.            | Virginia          | Dr. C. B. Gifford.             |
| Jefferson, A.               | Georgia           | Univ. Md. Dental Dept.         |
| Johnson, H. K.              | South Carolina    | Univ. Md. Dental Dept.         |
| Jordan, J. R., Ph. G.       | Georgia           | Univ. Md. Dental Dept.         |
| Kosminsky, A. J.            | Arkansas          | Dr. Leon Kosminsky.            |
| Landis, P. L.               | Pennsylvania      | Balto. Med. Coll. D. D.        |
| Larimer, A. P.              | Pennsylvania      | Pittsburg Dental Coll.         |
| Lawrence, E. N.             | North Carolina    | Univ. Md. Dental Dept.         |
| Long, S. M.                 | Georgia           | Atlanta Dental Coll.           |
| Lowman, G. M.               | West Virginia     | Univ. Md. Dental Dept.         |
| Lynch, A. F.                | Rhode Island      | Balto. Med. Coll. D. D.        |
| Maddux, N. P.               | Virginia          | Univ. Md. Dental Dept.         |
| Mandigo, J. S.              | New York          | Univ. Md. Dental Dept.         |
| Mangold, M. W.              | New Jersey        | Univ. Penna. Dental Dept.      |
| Marshall, F. J.             | Connecticut       | Dr. G. M. Bowen.               |
| Mendez, S. A.               | Jamaica, B. W. I. | Univ. Md. Dental Dept.         |
| Monks, Georgiana (Miss)     | Pennsylvania      | Dr. C. E. Monks.               |
| Moore, H. S.                | Maryland          | Univ. Md. Dental Dept.         |
| Moore, O. L.                | North Carolina    | Dr. E. W. Moore.               |
| Nordin, E.                  | Maryland          | Univ. Md. Dental Dept.         |
| O'Neill, J. J.              | Pennsylvania      | Dr. A. T. O'Neill.             |
| Pagan, J. M.                | South Carolina    | Univ. Md. Dental Dept.         |
| Pelouquin, H. L.            | Massachusetts     | Dr. O. Gregoire.               |
| Phillips, E. F.             | Jamaica, B. W. I. | Dr. S. C. De Pass.             |
| Price, C. J.                | Maryland          | Dr. Warren Price.              |
| Robbins, C. L.              | North Carolina    | Dr. E. W. Moore.               |
| Sawaya, F. S.               | Syria             | Balto. Med. Coll. D. D.        |
| Sendtner, M. T.             | New York          | N. Y. Dental Coll.             |
| Shortell, E. J.             | New Jersey        | Univ. Md. Dental Dept.         |

|                    |                |                         |
|--------------------|----------------|-------------------------|
| Shreeve, C. A.     | Maryland       | Dr. Jas. E. Shreeve.    |
| Spies, G. C., Jr.  | Maryland       | Prof. Isaac H. Davis.   |
| Steiner, P.        | Maryland       | Balto. Med. Coll. D. D. |
| Thomas, J. W., Jr. | Virginia       | Univ. Md. Dental Dept.  |
| Tryon, R. E.       | New York       | Univ. Md. Dental Dept.  |
| Van Brunt, W. E.   | Florida        | Univ. Md. Dental Dept.  |
| Van Zandt, F.      | New York       | Univ. Md. Dental Dept.  |
| Ward, R. L.        | Alabama        | Balto. Med. Coll. D. D. |
| Weinberg, D. A.    | South Carolina | Univ. Md. Dental Dept.  |
| Whitfield, G. F.   | North Carolina | Dr. Edward Greene.      |
| Yelvington, E. J.  | Florida        | Dr. C. B. Baird.        |

## FRESHMAN CLASS.

| NAME.                | RESIDENCE.     | PRECEPTOR.                 |
|----------------------|----------------|----------------------------|
| Allaire, A. J.       | Massachusetts  | Dr. A. J. Harpin.          |
| Anders, F. R.        | North Carolina | Dr. P. R. Falls.           |
| Ansley, C. D.        | Massachusetts  | Univ. Md. Dental Dept.     |
| Austin, N. R.        | Vermont        | Univ. Md. Dental Dept.     |
| Bass, C. D. S.       | North Carolina | Univ. Md. Dental Dept.     |
| Blaisdell, H. W.     | New Hampshire  | Univ. Md. Dental Dept.     |
| Brea, G. G.          | Porto Rico     | Univ. Md. Dental Dept.     |
| Brown, H. N.         | Rhode Island   | Univ. Md. Dental Dept.     |
| Bruce, W. B.         | Maryland       | Dr. W. W. Bruce.           |
| Callaway, S. M.      | West Virginia  | Univ. Md. Dental Dept.     |
| Campbell, W. W.      | Massachusetts  | Univ. Md. Dental Dept.     |
| Costas, A.           | Porto Rico     | Univ. Md. Dental Dept.     |
| Davenport, A.        | North Carolina | Univ. Md. Dental Dept.     |
| De Conti, A.         | Rhode Island   | Univ. Md. Dental Dept.     |
| Downey, G. C.        | Massachusetts  | Dr. A. J. Harpin.          |
| Deher, G. C.         | New Jersey     | Dr. J. P. P. Knef.         |
| Drummond, R. J.      | South Carolina | Univ. Md. Dental Dept.     |
| Everhart, D. G.      | Maryland       | Dr. J. T. Pyles.           |
| Flynn, F. H.         | Maine          | Univ. Md. Dental Dept.     |
| Geisler, W. D.       | West Virginia  | Univ. Md. Dental Dept.     |
| Graft, W. J.         | New Jersey     | Dr. J. P. P. Knef.         |
| Hamrick, C. T.       | North Carolina | Univ. Md. Dental Dept.     |
| Harper, C. C.        | North Carolina | Dr. H. D. Harper.          |
| Harrington, A. A.    | New York       | Dr. B. B. Ide.             |
| Healey, D. N.        | New York       | Dr. P. T. Healey.          |
| Infante, H.          | Cuba           | Univ. Md. Dental Dept.     |
| Keller, W. L.        | Maryland       | Dr. John C. McAdams.       |
| Kenna, F. L.         | New Jersey     | Dr. Jos. K. Kenna.         |
| Leahy, J.            | New Hampshire  | Univ. Md. Dental Dept.     |
| Levin, D.            | Maryland       | Univ. Md. Dental Dept.     |
| McGinn, J. H.        | South Carolina | Univ. Md. Dental Dept.     |
| McKey, W. C.         | Georgia        | Univ. Md. Dental Dept.     |
| Niestadt, S.         | Maryland       | Dr. Alex. Freed.           |
| Pearson, P. L.       | North Carolina | Univ. Md. Dental Dept.     |
| Rideout, C. J. C.    | Nova Scotia    | Dr. L. St. Clair Saunders. |
| Rosen, S.            | Maryland       | Univ. Md. Dental Dept.     |
| Solomon, J. L.       | New York       | Univ. Md. Dental Dept.     |
| Silverman, L. (Miss) | Maryland       | Univ. Md. Dental Dept.     |
| Strickler, S. V.     | Virginia       | Dr. B. L. Strickler.       |
| Tippett, J.          | New York       | Dr. D. C. O'Donohue.       |
| Thaman, B. M.        | Maryland       | Univ. Md. Dental Dept.     |
| Van Nostrand, D. E.  | New Jersey     | Dr. J. L. Van Nostrand.    |
| Waters, C. E.        | Maryland       | Univ. Md. Dental Dept.     |
| Webb, T. D.          | North Carolina | Univ. Md. Dental Dept.     |
| Wilson, W. P.        | North Carolina | Univ. Md. Dental Dept.     |

THE MARYLAND DENTAL  
GRADUATES

of the

**University of Maryland, Dental Department.**

|                                        |      |                                          |      |
|----------------------------------------|------|------------------------------------------|------|
| Aiken, Albert A., Texas.....           | 1897 | Bailey, Madison A., S. C.....            | 1885 |
| Aiken, David, S. C.....                | 1890 | Beadles, E. Payne, Va.....               | 1885 |
| Armstrong, Robert E., Iowa.....        | 1900 | Bradford, Henry Clinton, Va.....         | 1885 |
| Arnold, Joseph Phillip, Texas.....     | 1900 | Brown, Claude D., Va.....                | 1885 |
| Aiken, Robert, Whitney, Texas.....     | 1901 | Baden, Frank A., Md.....                 | 1886 |
| Allen, Willis Ed., Md.....             | 1901 | Basechore, Horace E., Pa.....            | 1886 |
| Austin, Augustus Lyle, W. Va.....      | 1901 | Bruegille, Emil, France.....             | 1886 |
| Albright, Theodore W. N. Y.....        | 1884 | Bookhart, Thomas W., S. C.....           | 1886 |
| Amend, Emil, Germany.....              | 1886 | Bruce, Wm. W., W. Va.....                | 1886 |
| Albrecht, Julius, Germany.....         | 1887 | Baker, Joseph Maben, Ark.....            | 1887 |
| Aven, Chas. G., Va.....                | 1889 | Bemis, Alonzo Amasa, Mass.....           | 1887 |
| Ayers, J. Maurice, N. C.....           | 1890 | Blauvelt, Daniel B., N. Y.....           | 1887 |
| Allwine, Harry W., Nebraska.....       | 1891 | Boyajian, Garabed, Asia, Turkey.....     | 1887 |
| Anderson, J. Perrin, S. C.....         | 1891 | Brawner, Chas. J., Ga.....               | 1887 |
| Alton, W. Wooley, Canada.....          | 1892 | Baer, Benj. F., Pa.....                  | 1888 |
| Anderson, Walter C., Va.....           | 1892 | Bates, Robt. A., Va.....                 | 1888 |
| Asbill, Fletcher G., S. C.....         | 1892 | Bean, John A., Mass.....                 | 1888 |
| Arnold, Fred, Loveland, R. I.....      | 1893 | Berry, Wm. C., Va.....                   | 1888 |
| Avery, S. DeLeon, S. C.....            | 1893 | Blackiston (M. D.), Thos. C., W. Va..... | 1888 |
| Arthur, Walter C., Pa.....             | 1895 | Blakeslee, Geo. W., N. Y.....            | 1888 |
| Astibrook, Wm. B., Pa.....             | 1895 | Burgess, Jno. H., S. C.....              | 1888 |
| Armstrong, H. T. N. Brunswick.....     | 1896 | Burkholder, Marshall O., Va.....         | 1888 |
| Anderson, Fred, S. N. Brunswick.....   | 1897 | Badger, Aug. Pennington, Md.....         | 1889 |
| Anderson, George J., Maine.....        | 1902 | Bailey, Engene Jas., S. C.....           | 1889 |
| Applewhite, Edgar Jarrett, Va.....     | 1897 | Burbot, Victor Durand, S. C.....         | 1889 |
| Ayers, Chas. E., Pa.....               | 1897 | Blair, Jos. Percy, Va.....               | 1889 |
| Anderson, Wm. Ernest, S. C.....        | 1898 | Beck, Frank, Pa.....                     | 1889 |
| Alexander, Clarence Taylor, Ga.....    | 1899 | Berry, Jno. R., Va.....                  | 1890 |
| Allison, Guthrie, Va.....              | 1900 | Beachley, Wm. E., Md.....                | 1890 |
| Allen, John Clarence, N. Y.....        | 1905 | Boswell (Jr.), Wm. C., Md.....           | 1890 |
| Archambault, Marius, R. I.....         | 1905 | Breedlove, Chas. T., Ark.....            | 1890 |
| Allen, Herman R., Vt.....              | 1906 | Brown (Jr.), Wm. Stephens, S. C.....     | 1890 |
| Apple, Troy A., N. C.....              | 1907 | Byrd, Oscar Frank, Va.....               | 1890 |
| Apple, Robert Orman, N. C.....         | 1907 | Bagley (M. D.), Henry C., Cal.....       | 1891 |
| Allen, Robert E., N. C.....            | 1908 | Baldwin, Dennison Holmes, Va.....        | 1891 |
| Allsworth, James D., N. Y.....         | 1908 | Barr, Frederick A., Mont.....            | 1891 |
| Athelston, Herbert W., W. Va.....      | 1908 | Benjamin, Jas. G., Mont.....             | 1891 |
| Barr, Geo. W., Canada.....             | 1902 | Blalock, Capers W., Fla.....             | 1891 |
| Bresualan, Jno. Henry, N. Y.....       | 1900 | Booth, Jno. D., Canada.....              | 1891 |
| Bachman, Albert M. C., Md.....         | 1901 | Boozer, J. Wm., S. C.....                | 1891 |
| Becker, Charles F., Pa.....            | 1902 | Bowles, Aubrey R., Va.....               | 1891 |
| Bowen, Gilbert M., Canada.....         | 1901 | Bowlus, Emory M., Md.....                | 1891 |
| Bishop, Charles G., N. Y.....          | 1902 | Bovette, Charles S., S. C.....           | 1891 |
| Burkhalter, George W., Ga.....         | 1901 | Boyle, Elvie S., Md.....                 | 1891 |
| Bragg, Lawrence Anderson, Va.....      | 1901 | Brotherton, Samuel S., Ia.....           | 1891 |
| Bragg, Kelly Ragland, Mo.....          | 1899 | Bruce, George L., Md.....                | 1891 |
| Baldwin, J. Hardin, Ky.....            | 1883 | Barnitz, Dabney G., Va.....              | 1892 |
| Banks, F. Austin, Mich.....            | 1883 | Bayliss, Chas. F., N. Y.....             | 1892 |
| Breeden, Bartraw B., S. C.....         | 1883 | Beal, Jno. C. C., Md.....                | 1892 |
| Blugham, Jas. E., S. C.....            | 1884 | Beville, Alexander J., Texas.....        | 1892 |
| Blubaugh (M. D.), Chas. B., W. Va..... | 1884 | Braendle, Samuel E., Canada.....         | 1892 |
| Bressler, Wilbur C., Pa.....           | 1884 | Byrd, Winfield S., Pa.....               | 1892 |
| Boswell, Henry H., Md.....             | 1884 | Burke, Andrew S., Pa.....                | 1892 |
| Brown, Jno. H., Ohio.....              | 1884 | Byers, W. Bolivar, S. C.....             | 1892 |
| Butler (Jr.), Geo., N. I.....          | 1884 | Barr, Wm. H., Canada.....                | 1893 |

|                                    |      |                                          |      |
|------------------------------------|------|------------------------------------------|------|
| Boozer, J. Edwin, S. C.            | 1893 | Campbell, Oscar J., Texas                | 1885 |
| Boyd, Samuel A., Cal.              | 1893 | Chafee, Augustus H., S. C.               | 1885 |
| Byers, Samuel M., Pa.              | 1893 | Chase, Henry E., Mass.                   | 1887 |
| Blakeslee, Frank E., N. Y.         | 1894 | Chisholm, John G., Ala.                  | 1887 |
| Buchanan, Wilfred F., N. C.        | 1902 | Crowell, Fred. Julian, N. H.             | 1887 |
| Burfeind, Wm. H., Cal.             | 1894 | Cross, Theodore A., W. Va.               | 1888 |
| Baker, H. Clagett, W. Va.          | 1895 | Carroll, Willie S., Va.                  | 1902 |
| Bartlett, Louis O., W. L., Cuba    | 1895 | Carriere, Joseph N., Mass.               | 1902 |
| Bowbeer, N. Grant, Canada          | 1895 | Campbell, H. Wood, Va.                   | 1899 |
| Blackwelder, Luther D., Pa.        | 1895 | Covington (Jr.), Thos. S. D., Va.        | 1899 |
| Bungarner, Albert L., Pa.          | 1895 | Cuny, Aug. A. T. W., Germany             | 1899 |
| Baker, Wm. J., Pa.                 | 1896 | Cassard, Stuart, Md.                     | 1890 |
| Bell, Mabrey B., Md.               | 1896 | Collins, William H., Va.                 | 1890 |
| Best, Jno. Porcher, S. C.          | 1896 | Craig, St. George T., Ky.                | 1890 |
| Bishop, Cornelius H., N. Y.        | 1896 | Chessrown, F. Wayne, Pa.                 | 1891 |
| Bliss, Barnet, Russia              | 1896 | Clark, M. H. Pettway, N. C.              | 1891 |
| Boozer (Jr.), (B. S.), D. L. S. C. | 1896 | Conners, William H., N. Y.               | 1891 |
| Bressler, Geo. L., Pa.             | 1896 | Copenhaver, E. Marcellus, Va.            | 1892 |
| Brook, George G. F., Cal           | 1896 | Carroll, Norwood G., N. C.               | 1893 |
| Brookes, Samuel O., Va.            | 1896 | Chisholm, James C., Ala.                 | 1884 |
| Baker, Albert D., Md.              | 1897 | Carter, William J., Ga.                  | 1905 |
| Besore, J. Henry, Md.              | 1897 | Cavers, William W., N. Y.                | 1895 |
| Bodine, Samuel D., Pa.             | 1897 | Criswell, J. Calvin, Pa.                 | 1895 |
| Boyd, Walter G., Md.               | 1897 | Copp, Benjamin F., Cal.                  | 1895 |
| Breault, H. C., Raoul, Conn.       | 1897 | Cockrill, Robert M., Mont.               | 1896 |
| Bushong, John H., Va.              | 1897 | Chargin, Marcus, Russia                  | 1896 |
| Beall, Charles Evers, Vt.          | 1898 | Combs, Robert L., Texas                  | 1896 |
| Brown, Fred, Holyoke, Vt.          | 1898 | Connally, W. Freeman, Ga.                | 1896 |
| Buhtz, Martin, Germany             | 1898 | Cobean, George C., Pa.                   | 1902 |
| Borroughs, Edward Lee, Md.         | 1898 | Cooper, Francis Minor, Mo.               | 1902 |
| Baker, James Howell, N. C.         | 1899 | Cooper, Webster H., N. C.                | 1896 |
| Boyden, Malcolm C., N. C.          | 1899 | Couret, John Sidney, La.                 | 1896 |
| Bragdon, Charles Jacob, Maine      | 1899 | Charbonneau, E. A., Wash. State          | 1897 |
| Broecking, Amandus, Germany        | 1899 | Collins, Clarence E., Md.                | 1897 |
| Brooker, Pearson Du Rose, N. C.    | 1899 | Cottingham, Walter J., S. C.             | 1902 |
| Brown, Samuel E., Md.              | 1905 | Carpenter, Benjamin F., N. Y.            | 1898 |
| Beesh, Walter G.                   | 1905 | Conger, LeRoy J., Canada                 | 1898 |
| Brown, Maughs Moys, Miss.          | 1899 | Chapman, Halla Finley, Kan.              | 1898 |
| Brown, Wm. Stanley, Md.            | 1899 | Clark, Franklin Eugene, N. Y.            | 1898 |
| Browne, Wilbur Fiske, Maine        | 1899 | Cooke, Ernest J., Panama (S. A.)         | 1898 |
| Barras, J. D. Edouard, N. Y.       | 1900 | Carlton, John William, N. C.             | 1899 |
| Basehoar, Cutis Sheely, Pa.        | 1900 | Cline, Franklin Joseph, Va.              | 1899 |
| Bobbitt, Alex. M., N. C.           | 1900 | Correoso, Phil., N. Jamaica, B. W. I.    | 1902 |
| Bourdier, John William, La.        | 1900 | Copeland, James Rhett, S. C.             | 1899 |
| Brown, John Franklin, Md.          | 1900 | Conrad, Thomas Ellis, La.                | 1900 |
| Browning, John B. R. I.            | 1900 | Crothers, Arthur B., Pa.                 | 1902 |
| Bucher, Jesse Claude, Va.          | 1900 | Couvens, W. Treadwell, Bermuda, B. W. I. | 1903 |
| Butts, Frank R., W. Va.            | 1902 | Cherry, Henry A., N. Y.                  | 1903 |
| Burt, Samuel S., N. Y.             | 1900 | Cochrane, Oran La., Va. Col.             | 1905 |
| Bush, Wiley Latimer, Ga.           | 1900 | Cutchin, Richard S., Va.                 | 1905 |
| Barber, Merrill Jason, Canada      | 1903 | Colvin, Daniel C., Pa.                   | 1906 |
| Baskin, Eldridge, S. C.            | 1903 | Combs, Warren S. P., Del.                | 1906 |
| Bedinger, Albert F. G., N. Y.      | 1905 | Coffman, Clifton S., W. Va.              | 1906 |
| Bell, A. Marvin, Canada            | 1903 | Copelan, Moses C.                        | 1906 |
| Blackburn, Frank G., Pa.           | 1903 | Creet, William Diedrich, N. Y.           | 1907 |
| Bumgarner, William D., Pa.         | 1903 | Carlton, Francis Derr, N. C.             | 1907 |
| Burns, William B., Pa.             | 1903 | Cramer, Abraham M., Conn.                | 1907 |
| Brown, J. Oscar, Pa.               | 1904 | Courtney, Charles H., N. C.              | 1908 |
| Berkhimer, Harry L., Pa.           | 1904 | Cullinley, Miles M., Conn.               | 1907 |
| Johnson, Jno. C. Malone            | 1904 | Callaway, Charles L., W. Va.             | 1908 |
| Bowman, J. Calvin, Va.             | 1904 | Chamblin, John A., Florida               | 1908 |
| Brooks, Archie C., Pa.             | 1904 | Champagne, Alphonse C. N. Y.             | 1908 |
| Brobst, Millard C., Ohio           | 1904 | Davis, Daniel Keen, S. C.                | 1901 |
| Barton, Wm. J. F., N. Y.           | 1905 | Dashiel, Erastus S., Md.                 | 1883 |
| Blatt, Harry G., Md.               | 1905 | Denton, Newton, W. Va.                   | 1883 |
| Brown, A. Stanley, Md.             | 1905 | Dodson, R. Delmar, Pa.                   | 1883 |
| Brown, Lewis Rogan, Arizona        | 1905 | Davis (M. D.), Isaac H., Md.             | 1884 |
| Banks, Robert H., Va.              | 1906 | Dorchester, Watson E., N. Y.             | 1884 |
| Burgess, B. Cecil, Conn.           | 1906 | Dorset, Willie Edward, Va.               | 1885 |
| Burton, G. Alvin, Del.             | 1906 | DePass, Addison Rutledge, S. C.          | 1902 |
| Baker, Luther P., N. C.            | 1907 | DePass, Sigis'd C., Jamaica, B. W. I.    | 1902 |
| Berryhill, A. Mack, N. C.          | 1907 | Dehl, John S., Pa.                       | 1886 |
| Bowker, Arthur J., N. C.           | 1907 | Douglas, Henry E., N. Y.                 | 1887 |
| Burton, Hugh J., Md.               | 1907 | Daniel, Samuel S., S. C.                 | 1888 |
| Belcher, Levi L., W. Va.           | 1908 | Davis, L. Wilson, Md.                    | 1888 |
| Butler, George N., Brazil, S.      | 1908 | Dean, John W., W. Va.                    | 1888 |
| Cameron, Monteath D., N. Y.        | 1904 | Diefenderfer (M. D.), Wm. E., D. C.      | 1888 |
| Carlton, J. DeLane, N. C.          | 1904 | Dingian, Manoog D., Turkey               | 1888 |
| Chew, Chas. Eugene, Md.            | 1904 | Davis, E. Douglas, W. Va.                | 1889 |
| Clou, Benj. B., N. Y.              | 1904 | Davis (M. D.), Henry, Mo.                | 1888 |
| Crowe, Emory W., Md.               | 1904 | Dodson (M. D.), Edwin R., Md.            | 1889 |
| Crumrine, Russell E., Pa.          | 1901 | Davis, Wray Wythe, Va.                   | 1890 |
| Chisholm, William W., Ga.          | 1901 | Deichmann, George L., Md.                | 1891 |
| Campbell, Paul, N. Y.              | 1883 | Deekens, W. Felton, Va.                  | 1892 |
| Coughlin, Frank G., Ind.           | 1885 | Deems (Jr.), J. Harry, Md.               | 1892 |
| Curtis, Joseph W., N. Y.           | 1883 | Dennis, Wm. W., Ga.                      | 1892 |
| Comegys, John M., Tenn.            | 1884 | Diddle, John H., W. Va.                  | 1892 |
| Comegys, Thomas M., Tenn.          | 1885 | Dodson, Wm. E., N. Y.                    | 1892 |
| Copp, George V., Va.               | 1884 | Doremus, John Lyons, France              | 1892 |
| Cutting, Almond J., Mass.          | 1884 | Davis, Henry Winter, Va.                 | 1892 |
| Carlisle, John P., S. C.           | 1885 | Davis, William Lee, Cal.                 | 1893 |
| Cooke, Frank J., Texas             | 1885 |                                          |      |

|                                      |      |                                           |      |
|--------------------------------------|------|-------------------------------------------|------|
| Duff, D. Edward, S. C.               | 1902 | Freedland, Elias J., Russia               | 1896 |
| Daniel, Henry Clay, N. C.            | 1894 | Farley, Arthur Paul, Conn.                | 1897 |
| Davis, Chas. Augustus, Wis.          | 1894 | Faucette, John William, N. C.             | 1897 |
| Diffenderfer, Stanton D., Pa.        | 1894 | Finnegan, Eugene, N. Y.                   | 1897 |
| Dommett, Harry M., N. Y.             | 1894 | Foote, Newton Ferondo, N. Y.              | 1897 |
| Dotterer, Thomas, S. C.              | 1894 | Foreman, John McClosky, Pa.               | 1897 |
| Duff, James L., Canada               | 1897 | Frith, A. Hutchings, Bermuda              | 1897 |
| Daly, Claude Seaman, N. Y.           | 1898 | Farney, Waltz Bayard, Va.                 | 1898 |
| Dawson, Edward Brisbane, N. Y.       | 1898 | Farinholt, Leroy Whiting, Va.             | 1898 |
| Deekens, Alb't Van Kempen, Md.       | 1898 | Fording, Charles E., Ohio                 | 1898 |
| Dailey (B. Ph.), W. Bert, Ohio       | 1899 | Freeman, Harold Wm., Ill.                 | 1898 |
| Dean, Stewart Pomeroy, Md.           | 1900 | Falls, Pleasant Ralph, N. C.              | 1899 |
| Douglass, Richard W., W. Va.         | 1900 | Fauntleroy, Thos. Turner, Va.             | 1898 |
| Dressel, Leonard, Md.                | 1900 | Filmore, William Albert, Cal.             | 1899 |
| Dunn, Harrison McKay, Neb.           | 1900 | Farnsworth, Arthur White, Vt.             | 1900 |
| Deferneilmont, Eugene, Belgium       | 1903 | Franklin, Robert Anders, Ga.              | 1900 |
| Diehl, Ervin Joseph, Pa.             | 1903 | Feeamster, John H., W. Va.                | 1903 |
| Dare, Chas. Edw., N. J.              | 1904 | Felix, Archilles F., Mass.                | 1903 |
| Davis, Henry E., Va.                 | 1904 | Felix, Arthur M., Mass.                   | 1904 |
| Degener, Adolph, N. J.               | 1904 | Firey, Edgar A., Md.                      | 1904 |
| Dobson, Fred, W., Canada             | 1904 | Flood, John A., N. H.                     | 1904 |
| Dorman, Raymond O., N. Y.            | 1904 | Foster, Maxwell S., Md.                   | 1904 |
| Doyle, Bert E., Vt.                  | 1904 | Fitch, Perry M., N. Y.                    | 1903 |
| Davis, Ernest Lee, Md.               | 1905 | Fording, James D., Ohio                   | 1903 |
| Davis, Horace M., Md.                | 1905 | Findon, John W., Md.                      | 1905 |
| Dean, G. Fletcher, W. Va.            | 1905 | Findon, Joseph H., Md.                    | 1905 |
| Dennis, Geo. Edward, N. C.           | 1905 | Foster, Ethan W., S. C.                   | 1905 |
| Dial, Richard T., S. C.              | 1905 | Frew, Athol Lee, N. Y.                    | 1905 |
| Dimock, Wilford E., Canada           | 1905 | Frank, Geo. W., Mass.                     | 1906 |
| Dill, Arthur A., Nova Scotia         | 1906 | Flood, Peter H. A., N. H.                 | 1906 |
| Douglas, Ernest G., N. Y.            | 1906 | Freischlag, Charles P., N. Y.             | 1906 |
| Dula, Arthur M., N. C.               | 1905 | Ford, Singleton C., N. C.                 | 1907 |
| Dunne, Joseph H., Mass.              | 1905 | Freeman, Harrison A., Md.                 | 1907 |
| Degnan, William Moylan, Conn         | 1907 | Fitzsimmons, James A., N. Y.              | 1907 |
| Douglass, Samuel E., N. C.           | 1907 | Foley, Thomas A., N. C.                   | 1908 |
| Darden, Percy J., N. C.              | 1908 | Funderburk, James E., S. C.               | 1908 |
| Eckenrode, Hamilton Myers, Va.       | 1901 | Getschel, J. Leonard, Md.                 | 1901 |
| Ewing, James Edward, Neb.            | 1901 | Gilbert, George Condit, N. J.             | 1901 |
| Elliott, William Kenney, Va.         | 1901 | Gilkinson, Albert W., Ohio                | 1901 |
| Evans, Richard D., S. Wales, G. B.   | 1884 | Garret, John F., N. C.                    | 1883 |
| Emerson, Jos. G., Brazil, S. A.      | 1886 | Grempler, Godfred J., Md.                 | 1883 |
| Eiker, Jno. Tripner, D. Columbia     | 1887 | Gallup, Frank C., Conn.                   | 1884 |
| Easterday, Courad M., Md.            | 1902 | Groshans, Ferdinand, Md.                  | 1885 |
| Elgin, J. Benjamin, Va.              | 1902 | Gasque, Elly A., S. C.                    | 1886 |
| Ellis, Pearl Louis, Vt.              | 1889 | Greenwaite (D. D. S.), A. H., Pa.         | 1886 |
| Emerson, L. Thornwell, Brazil, S. A. | 1890 | Gilroy, Lawrence E., Canada               | 1902 |
| Earle, William, S. C.                | 1891 | Gilmore, Willard G., N. W.                | 1902 |
| Ewald, Will H., Va.                  | 1891 | Garbrecht, Heinrich, Germany              | 1887 |
| Edgers, Eben B., Vt.                 | 1892 | Grey, William F., Va.                     | 1887 |
| Eicholtz, Robert W., Pa.             | 1892 | Gartel, Julian, Md.                       | 1888 |
| Ewig, Louis, Switzerland             | 1902 | Grieves, Clarence J., Md.                 | 1888 |
| Earle, Baylis D., S. C.              | 1894 | Goeblicher, David, Md.                    | 1889 |
| Eastman, Howard, Md.                 | 1896 | Gladfelter, (M. D.), Harvey E., Pa.       | 1890 |
| Ellits, John J., S. C.               | 1896 | Graham, Charles Carroll, Texas            | 1890 |
| Etheredge, Ezekiel J., S. C.         | 1896 | Graves, J. William, Mo.                   | 1890 |
| Eyler, Clayton Chamberlain, Pa.      | 1898 | Gorgas, Herbert F., Md.                   | 1891 |
| Earman, John S., Va.                 | 1900 | Grove, J. William, Pa.                    | 1891 |
| Engleskircher, Edw. M., N. H.        | 1900 | Gill, Edwin J., N. C.                     | 1892 |
| Evans, Edward Truman, III.           | 1900 | Glasscock, Eli Harmon, Mo.                | 1892 |
| Early, Edw. Augustus, S. C.          | 1900 | Gee, H. Eugene, S. C.                     | 1894 |
| Ellett, Chas. Ashley, Va.            | 1903 | Grove, Herbert D., Va.                    | 1902 |
| Ellison, Enoch L., W. Va.            | 1904 | George, C. Chandler, Ill.                 | 1894 |
| Edgell, Floy P., W. Va.              | 1905 | Goldberg, Edward H., Md.                  | 1894 |
| Etchison, Bates, Md.                 | 1905 | Geiser, John S., Pa.                      | 1895 |
| Early, James B., Va.                 | 1906 | Greenough (Jr.), J. M., Jamaica, B. W. I. | 1896 |
| Edwards, Linus M., N. C.             | 1907 | Gardner, John, Md.                        | 1897 |
| Epes, Travis Fletcher, Va.           | 1907 | Gordy, Arthur Perry, Ga.                  | 1897 |
| Fisher (Jr.), Gus J., U. N. J.       | 1901 | Gould, W. Gordon, Conn.                   | 1897 |
| Filter, Claus Henry, Germany         | 1884 | Gallagher, Rhodes Tayloe, N. C.           | 1898 |
| Foote, Nathan E., N. Y.              | 1884 | Gregoire, Oswald E., R. I.                | 1898 |
| Fournier (Jr.), Joseph N. Y.         | 1885 | Grom, Joseph B., N. J.                    | 1898 |
| Furman, Charles Luff, N. Y.          | 1886 | Grunberg, Abraham, Roumania               | 1898 |
| Foster, Alexander S., S. C.          | 1902 | Garnard, Ed. A., La.                      | 1899 |
| Freed, Alex., Russia                 | 1902 | Grom, Frederick H., N. J.                 | 1900 |
| Frost, Henry S., Maine               | 1902 | Gough, Albert H., Del.                    | 1903 |
| Faulkner, Geo. McClenahan, Pa.       | 1888 | Gould, Horace L., Maine                   | 1903 |
| Ferguson, W. Crawford Young, Can.    | 1897 | Gayle, John H., La.                       | 1904 |
| Franz, G. Christian, Pa.             | 1887 | George, Marwood S., Canada                | 1904 |
| Furman, Isaac Watts, N. Y.           | 1890 | Gleason, George R., Fla.                  | 1904 |
| Furman, Joel Nelson, N. Y.           | 1887 | Golden, Frank A., Conn.                   | 1904 |
| Feldmeyer, George T., Md.            | 1888 | Green, Walter E., Md.                     | 1904 |
| Fitzgerald, J. Edgar, Md.            | 1888 | Graham, Fred. Roy, N. Brunswick           | 1905 |
| Fish, William Lafayette, N. J.       | 1889 | Gifford, Chester B. N. Y.                 | 1906 |
| Free, Harry Augustus, Pa.            | 1889 | Garneau, Peter A., Mass.                  | 1906 |
| Felker, Charles, N. Y.               | 1890 | Greene (Jr.), Eugene S., Va.              | 1906 |
| Fenn, Henry J., N. Y.                | 1890 | Gilder (Jr.), James K. S. C.              | 1906 |
| Field, William Meadel, Va.           | 1891 | Garland, Winfield S., N. H.               | 1907 |
| Farriss, C. Dixie, Ga.               | 1892 | Georgion, Arsenius, Turkey                | 1907 |
| Fox, Lawrence W., N. C.              | 1892 | Garzouzi, Edward N., Egypt                | 1907 |
| Farmer, William W., Va.              | 1893 | Greene, Edward, N. C.                     | 1907 |
| Fleming, Milton S., La.              | 1894 | Gray, Bennett, Md.                        | 1908 |
| Flemming (Jr.), J. Marten, N. C.     | 1895 | Hamilton, Wiley T. F., S. C.              | 1901 |
| Frantz, Henry, Ill.                  | 1896 |                                           |      |

|                                    |      |                                        |      |
|------------------------------------|------|----------------------------------------|------|
| Hair, Harrison Beauchum, S. C.     | 1901 | Hosack, Augusta H., W. Va.             | 1903 |
| Hughes, Harry Childs, Md.          | 1901 | Hoodner, Francis A., Pa.               | 1903 |
| Holland, A. Bezola, N. C.          | 1901 | Hussong, Roger L.                      | 1904 |
| Hawley, George Montimer, Vt.       | 1901 | Hague, George H., N. J.                | 1905 |
| Hotaling, George W., N. Y.         | 1883 | Hall, Nathan G. R. I.                  | 1905 |
| Hungerford, R. Arthur, Md.         | 1883 | Hand, Wm. Luther, N. C.                | 1905 |
| Harris (M. D.), Jas. Edwin, Md.    | 1884 | Healey, Peter Thos., N. Y.             | 1905 |
| Hodge, S. Dwight, Vt.              | 1884 | Helms, Lon W., N. Y.                   | 1905 |
| Hebble, Charles W., Md.            | 1885 | Hilderbrand, Gould O., Va.             | 1905 |
| Heim, John W.                      | 1885 | Hill, Geo. Edward, Maine.              | 1905 |
| Hill, Charles E., Australia        | 1885 | Holliday, R. Fulton, N. C.             | 1905 |
| Houghland, Ulysses Sylvester, Ind. | 1885 | Hopkins, J. Stephenson, Md.            | 1905 |
| Howlett, A. Hersey, Pa.            | 1885 | Horton, S. Robert, N. C.               | 1905 |
| Howland, Clarence Henry, Dist. C.  | 1885 | Hotchkiss, L. William, Conn.           | 1905 |
| Hundley, Peyton, Va.               | 1885 | Hawes, Ivey Lee, N. C.                 | 1906 |
| Hartwig (M. D.), Charles W., Md.   | 1886 | Hiney, G. Howard, Conn.                | 1906 |
| Hill, Ernest B., W. Va.            | 1902 | Hughes, Raymond L., Md.                | 1906 |
| Hayden, John Francis, Pa.          | 1902 | Hutcheson, Ernest B., Va.              | 1906 |
| Hoffman, John H., Va.              | 1886 | Harrower, James Williams, Va.          | 1907 |
| Huggins, A. Allen, S. C.           | 1886 | Heronemus, Julius E., Md.              | 1907 |
| Harban, A. Lee, Md.                | 1887 | Howle, Eugene B., N. C.                | 1908 |
| Harris, Edwin L., Mass.            | 1887 | Hoffman, Solomon B., Md.               | 1908 |
| Hecker, Anton Jos., Germany        | 1887 | Hirsch, Sandal, N. Y.                  | 1908 |
| Hoopes, Samuel W., Md.             | 1887 | Hewitt, Vinton L., Ind.                | 1908 |
| Horton, Hamilton V., N. C.         | 1887 | Hines, William E., N. C.               | 1908 |
| Hourihane, Michael, Va.            | 1887 | Hargrove, Mathew L., N. C.             | 1908 |
| Hamlet, John M., Va.               | 1888 | Harty, E. Allan, Jamaica, B. W. I.     | 1908 |
| Harper, Charles E.                 | 1888 | Ihrie, John Houghton, N. C.            | 1895 |
| Hines, P. Edmund, N. C.            | 1888 | Ide, Bert Belton, N. Y.                | 1902 |
| Holt, Charles R., N. Y.            | 1888 | Irving, Samuel J., Texas.              | 1895 |
| Hubley, Charles P., Pa.            | 1888 | Igle, Herman, Germany.                 | 1899 |
| Hucks, Herbert M., S. C.           | 1902 | Ide, Ira C., N. Y.                     | 1903 |
| Hays, Joseph A., N. Y.             | 1899 | Johnson, Francis M., N. C.             | 1901 |
| Hayes, E. Patterson, Pa.           | 1889 | Jarett, Atwell T., Va.                 | 1883 |
| Heisler, Joseph Gregory, Md.       | 1889 | Josselyn (M. D.), Eli E., N. Brunswick | 1885 |
| Hills, Reuben Benjamin, Mass.      | 1889 | Jaenicke, Max, Germany.                | 1887 |
| Holland (M. D.), Wm. Henry, S. C.  | 1889 | Jeter, Irenus P., S. C.                | 1888 |
| Hubbard, N. Robert, Pa.            | 1890 | Jamieson, Isaac Wilton, N. C.          | 1902 |
| Huntzberry, Aaron Victor, Md.      | 1890 | Jones, Edward T., Va.                  | 1891 |
| Hurlock, W. Spry, Md.              | 1890 | Jefferson, Benjamin T., Ga.            | 1892 |
| Harley, Robert L., S. C.           | 1890 | Johnson, Silas J., Va.                 | 1892 |
| Hines, W. Oakley, Md.              | 1891 | Jordan, B. Arthur, Cai.                | 1892 |
| Haller, Jacob V., Va.              | 1891 | Jernigan, George Franklin, Texas.      | 1895 |
| Harris, Henry F., Va.              | 1891 | Jones, Clarence L., Ohio.              | 1896 |
| Hart, Marion Y., Va.               | 1891 | Jones, Beverly, W. Va.                 | 1904 |
| Hayes, Will W., Pa.                | 1891 | Jones, Ernest J., Canada.              | 1904 |
| Hoffman, J. Henry, Md.             | 1891 | Judd, John Herbert, N. C.              | 1898 |
| Howard, Charles W., N. H.          | 1891 | Judd, Jesse Ernest, N. C.              | 1898 |
| Hargrove, George H., S. C.         | 1892 | Johnson, John Norborn, N. C.           | 1899 |
| Harmon, Oscar L., N. H.            | 1892 | Johnson, Geo. Stanley, Canada.         | 1899 |
| Hess, Lewis E., Md.                | 1892 | Jones, Arthur B., Bermuda, W. I.       | 1899 |
| Humberg, Frederick C., Md.         | 1892 | Jackson, Robert Wright, Ga.            | 1900 |
| Hutchinson, Hugh Barbour, Va.      | 1892 | Jackson, Stayley G., Canada.           | 1903 |
| Harnett, William J., Conn.         | 1894 | Jenkins, LeRoy D., Ga.                 | 1903 |
| Heffelbower, John E. M., Texas.    | 1894 | Jones, Claude Chas., La.               | 1903 |
| Horton, Phineas E., N. C.          | 1894 | Jenkins, E. Jerome, Md.                | 1905 |
| Huffman, Ambrose H., W. Va.        | 1894 | Jenkins, John V., Va.                  | 1905 |
| Heatwole, Timothy O., Va.          | 1895 | Jackman, Robt. W., N. Y.               | 1908 |
| Henderson, Harvey C., N. C.        | 1895 | Kelly, Ralph H., W. Va.                | 1908 |
| Hoag, David Edward, N. Y.          | 1905 | Keister, J. Brown, Va.                 | 1901 |
| Hegner, John S., Switzerland.      | 1895 | Kibbler, R. Dallas, Va.                | 1884 |
| Haller, William H., Va.            | 1896 | Killingworth, Wiley, S. C.             | 1884 |
| Hiscox, Vernon, Conn.              | 1896 | Kloeber (M. D.), John S., Va.          | 1885 |
| Hopkins, William Downey, Md.       | 1896 | Kean, James Leitch, Va.                | 1887 |
| Huffman, Andrews, W. Va.           | 1896 | Keepers, John A., Pa.                  | 1888 |
| Hartman, Curtis LeRoy, Pa.         | 1897 | King, William A., Canada.              | 1890 |
| Heisler, Charles F., Pa.           | 1896 | King, James M., Canada.                | 1892 |
| Henry, Robert Lee, Ga.             | 1897 | Kritchevsky, Benedict, Russia.         | 1895 |
| Hoffman, John Griffin, Va.         | 1897 | Kuich, William H., Pa.                 | 1895 |
| Hamilton, Edwin Curtis, Va.        | 1898 | King, Marion N., Va.                   | 1897 |
| Hardesty, George Nunn, Va.         | 1898 | Koontz, Clinton M., Md.                | 1898 |
| Harkinson, Francis R., Cal.        | 1898 | King, James Garnett, Va.               | 1899 |
| Harpen, Adelard J., Mass.          | 1898 | King, Henry Arthur, N. Y.              | 1900 |
| Hays, Pleasant Southward, Ohio.    | 1898 | Kefauver, Noah E., Md.                 | 1903 |
| Holmes (Jr.), Chas. Doncoln, Tex.  | 1898 | Kuef, Joseph P. P., N. J.              | 1903 |
| Hammond, Frank Eugene, N. Y.       | 1899 | Kohly, Alfred J., Cuba.                | 1899 |
| Hammond, Walter F., N. H.          | 1899 | Kurtz, Cyrus, Pa.                      | 1899 |
| Hankin, Walter Edwin, N. Y.        | 1899 | Kumle (Jr.), Lambert, Cal.             | 1903 |
| Harris, Asa Irwin, Va.             | 1899 | Koelz, William J. W., Va.              | 1904 |
| Hawley, Harry Gardner, N. Y.       | 1899 | Kahn, Edmund, Md.                      | 1904 |
| Hoffman, Wm. Cullen B., N. C.      | 1899 | Koerner, John F., Md.                  | 1904 |
| Hollinger, David Guy, Pa.          | 1899 | Kuhnen, Herbert, Germany.              | 1904 |
| Hyde, Arthur N., N. J.             | 1899 | Kenney, James J., N. Y.                | 1905 |
| Haff, Frank Nicholas, N. Y.        | 1900 | Kehoe, Frank P., Ga.                   | 1906 |
| Halpern, Samuel, N. Y.             | 1900 | King, J. Milton, Conn.                 | 1906 |
| Hammond, Charles W., Pa.           | 1900 | Kernode, John F. N. C.                 | 1907 |
| Harris, Turner Ashby, Mo.          | 1900 | Lussler, Noel J. R. I.                 | 1901 |
| Hartman, Dennis R., Pa.            | 1900 | Law, Edward Augustus, Fla.             | 1901 |
| Himmier, Charles William, Md.      | 1900 | LeDuke, George Wilfred, Mass.          | 1883 |
| Holbrook, Edward Gordon, Md.       | 1900 | Lindsay, Charles P., Va.               | 1883 |
| Homer (Jr.), John H., S. C.        | 1903 | Ladson, Chas. J., Dist. Col.           | 1884 |
| Herbert, Jesse H., W. Va.          | 1903 | Lemley, Clarence E., Va.               | 1884 |
| Holland, Lynwood C., Va.           | 1904 |                                        |      |

|                                              |      |                                      |      |
|----------------------------------------------|------|--------------------------------------|------|
| Lewis, William Edward, Fla.                  | 1884 | Morton, Robert W., Pa.               | 1887 |
| Lowel, William H., Pa.                       | 1886 | Moseley, Wist H., Va.                | 1897 |
| Lumsden, Frank H., Md.                       | 1886 | Mowel, Abraham V., N. Y.             | 1897 |
| Loving, Charles T., Texas.                   | 1887 | McDonald, Ois H., Ga.                | 1890 |
| Lee, Robert E., S. C.                        | 1888 | McNeal, James Elijah, Md.            | 1890 |
| LeCron, Daniel O. M., Ia.                    | 1890 | Meyer, Thomas P., Pa.                | 1890 |
| Lower, S. Elliott, Pa.                       | 1902 | Mezger (Ph. G.), Charles, Md.        | 1890 |
| Linscott, Albert Franklin, Ohio.             | 1900 | Mitchell, Laurent S., N. J.          | 1890 |
| Linscott, George Owen, Ohio.                 | 1902 | Morgan, William W., N. J.            | 1890 |
| Luke, John L., Va.                           | 1890 | Myers, Charles Grant, N. Y.          | 1890 |
| Loeschke, John C., Germany.                  | 1891 | Martin (L. D. S.), Edwin A., Canada. | 1891 |
| LeFevre, C. Rogers, Md.                      | 1892 | Matt, Oscar, N. Y.                   | 1891 |
| Loucks, Roland E., Canada.                   | 1893 | McComb, Virgil J., Mo.               | 1891 |
| Lacy, William P., Va.                        | 1894 | McKelvey, Clyde M., Pa.              | 1891 |
| Lindsay, William S., S. C.                   | 1894 | Moffett, Samuel F., Texas.           | 1905 |
| Link, Charles William, W. Va.                | 1895 | Moysie, Ellis Frederick, Canada.     | 1905 |
| Lyndon, George H., Ohio.                     | 1895 | Mullins, Reuben B. (M. D.), Neb.     | 1905 |
| La Rue, Antonio S., Conn.                    | 1896 | McFadden, M. Jordan, W. Va.          | 1905 |
| Lindsay (A. B.), Harley B., S. C.            | 1896 | McIntire, Walter R., Conn.           | 1905 |
| Leonard (M. D.), Benj. F., N. J.             | 1900 | MacVane, Arthur W., Maine.           | 1905 |
| Leonard, Charles W., N. J.                   | 1898 | Miller, E. Whit, Va.                 | 1905 |
| Lewis, Thomas Smith, Pa.                     | 1898 | Miller, John E. C., Pa.              | 1905 |
| Lewis, Pierre Alphonse, La.                  | 1898 | Moore, T. Benton, Pa.                | 1891 |
| Lineweaver, Walter T., Va.                   | 1899 | Macomber, J. Clinton, Pa.            | 1892 |
| Logan, William L., Ga.                       | 1899 | Marshall, Thomas Rollins, Va.        | 1892 |
| Lynch, Louis M., Ga.                         | 1899 | Mathieu, Anthony H., Md.             | 1892 |
| Lightner, Harry Allen, Pa.                   | 1900 | McGee, W. Glenn, S. C.               | 1892 |
| Linthicum, Thomas Stuart, Md.                | 1900 | McGuire, George A., Canada.          | 1892 |
| Lynch, Charles Godfrey, N. Y.                | 1902 | McHarg, Robert J., Canada.           | 1892 |
| Law (Jr.), E. McIvor, Fla.                   | 1903 | McIlvain, J. Morton, Md.             | 1892 |
| Lewers, D. Brown, England.                   | 1903 | Mitchell, C. Augustus, N. Y.         | 1892 |
| Lisbona, Milton R., N. J.                    | 1903 | Mitchell, Harry B., N. Y.            | 1892 |
| Leib, Harry C., Md.                          | 1904 | March, Harter W., Ohio.              | 1894 |
| Lamb, John Pugh, N. C.                       | 1905 | Matthews, Charles A., Ind.           | 1894 |
| Lester, Bliss Allen, Canada.                 | 1905 | Montgomery, James T., S. C.          | 1894 |
| Levy, David A., Md.                          | 1905 | Morgan, Rederick, N. C.              | 1894 |
| Lind, Oscar Moritz, Md.                      | 1905 | Milbourne, Leander B., Md.           | 1894 |
| Long, Bert Reade, N. C.                      | 1905 | McKeever, Arthur N., W. Va.          | 1895 |
| Littlejohn, Thomas F., S. C.                 | 1904 | Mann, Geo. C., Va.                   | 1895 |
| Leslie, George S., N. Y.                     | 1906 | Matthews, Charles F., Cal.           | 1895 |
| Long, Westley A., Fla.                       | 1906 | Markley, Edgar H., Pa.               | 1895 |
| Lee, E. Gordon, N. C.                        | 1907 | MacLeod, T. David, Nova Scotia.      | 1896 |
| Lynch, Paul, Mass.                           | 1907 | McMinn, Willie J., N. C.             | 1896 |
| Lewis, William Judson, N. Y.                 | 1907 | Mowel, Austin H., N. Y.              | 1896 |
| Lyons, William H., W. Va.                    | 1907 | Muir, R. Murray, Canada.             | 1897 |
| Lightner, Walter S., Penna.                  | 1907 | Milner, Magnus Benjamin, Ga.         | 1898 |
| Lasley, Frank A., N. C.                      | 1908 | Moore, Robert Franklin, Pa.          | 1898 |
| Maguire, William Eugene, Mass.               | 1902 | McAndrews, Matthews, Canada.         | 1898 |
| Matthews, Clyde Virginianus, Md.             | 1902 | McFadden, Thomas Wilson, Pa.         | 1898 |
| McAdams, John Calhoun, W. Va.                | 1902 | McKee, Fred. Chas., Canada, Quebec.  | 1898 |
| Montgomery, Alexander, Ala.                  | 1901 | Marshall, Stewart Moxley, Ky.        | 1899 |
| Massey, J. Wallace, Va.                      | 1901 | Milford, Sam, Hollingsworth, Va.     | 1899 |
| McDivitt, Harry Norbert, Md.                 | 1901 | Moscovitz, Samuel B., N. Y.          | 1899 |
| Myers, Jesse Sidwell, Md.                    | 1901 | McConnel, Ernest Vernon, Ga.         | 1899 |
| Myers, J. Edgar, Md.                         | 1901 | McIver, DeWitt Clinton, N. C.        | 1899 |
| McClees, J. Sheridan, Md.                    | 1901 | McLeod, William Rogers, S. C.        | 1899 |
| Maddox, H. Webb, Va.                         | 1901 | Mann, Bernard Freeman, Maine.        | 1900 |
| McCormick, James Joseph, N. Y.               | 1901 | Martin, Thomas Francis, N. J.        | 1900 |
| McClelland, Charles S., Pa.                  | 1902 | McCann, Daniel Bernard, Canada.      | 1900 |
| Marler, John G., N. C.                       | 1901 | Miller, Edward Sherman, Vt.          | 1900 |
| Maphis, B. Frank, Va.                        | 1888 | Mott, Carlton B., N. C.              | 1903 |
| McGrit, Walter B., S. C.                     | 1883 | Myers, Thomas R., Md.                | 1903 |
| Miller, Benson Lorenzo, N. Y.                | 1902 | Mann, Louis H., N. C.                | 1903 |
| Miller, J. Edwin, Minn.                      | 1883 | Manning, Howard A., Mass.            | 1903 |
| Mallot, Job B., Pa.                          | 1884 | McCutchen, Wilmot L. S. C.           | 1903 |
| McDowell, Charles H., N. C.                  | 1884 | McLaughlin, Charles E., Canada.      | 1903 |
| Minghini, William E., W. Va.                 | 1893 | Montgomery, Frank W., Mass.          | 1904 |
| Minghini, Semony J., W. Va.                  | 1884 | Moore, S. Whitford, Pa.              | 1904 |
| Matthews, Augustus, N. C.                    | 1885 | Morris, John A., N. Y.               | 1904 |
| McQuown, Robert T., Va.                      | 1885 | Miles, Edward B., N. Y.              | 1904 |
| McQuown, William P., Va.                     | 1885 | Morrison, Robt. J., N. C.            | 1904 |
| MacGill (Jr.), Lloyd T., Md.                 | 1886 | Mann, I. Mitchell, N. C.             | 1904 |
| Meadow (M. D.), Wm. M., S. C.                | 1887 | Marks, Milton, N. Y.                 | 1904 |
| Mock, John Henry, Fla.                       | 1902 | McCardell, Wilfred S., Md.           | 1904 |
| Moran, Patrick Henry, N. H.                  | 1902 | McFarlane, Frank G., Canada.         | 1904 |
| McCall, Samuel, Canada.                      | 1887 | McNulty, William F., Md.             | 1904 |
| Miller, James H. A., W. Va.                  | 1887 | McCann, John J., N. Y.               | 1905 |
| Miller, Wellington C., Pa.                   | 1887 | McClung, Joseph L., W. Va.           | 1905 |
| Murphy, Wodson N., Texas.                    | 1887 | McClure, Frank Wilson, Va.           | 1905 |
| Marshall, Sylvester K., Md.                  | 1888 | Meador, James R., N. C.              | 1906 |
| McConachie (M. D.), A. Douglass, Can-<br>ada | 1888 | Mullen, Thomas F., N. H.             | 1906 |
| McLauchlin, Thomas J., S. C.                 | 1888 | Myers, Walter D., Va.                | 1906 |
| Muller, Gerhard, W., Germany.                | 1888 | Mann, Herbert L., N. C.              | 1907 |
| McKinnon, John W., Pa.                       | 1889 | Markert, Franklin J., Fla.           | 1907 |
| Miller, Wm. Lee, W. Va.                      | 1889 | McCall, Samuel Horace, N. C.         | 1907 |
| Malony, J. England, S. C.                    | 1888 | Mills, Robert H., Fla.               | 1907 |
| Marchant (M. D.), J. Henry, Va.              | 1890 | Mogull, Abraham, Md.                 | 1908 |
| MacDonald, John M., N. Zealand.              | 1897 | Monks, Frederick E., Pa.             | 1908 |
| Malony, Daniel T., Conn.                     | 1897 | Neiman, Eli H., Pa.                  | 1883 |
| Martin, Chesley, Va.                         | 1897 | Norwood, Wm. McIntosh, S. C.         | 1885 |
| McConnell, Daniel Edward, S. C.              | 1897 | Neill (M. D.), John H., N. Y.        | 1887 |
| McNutt, C. Howard, Nova Scotia.              | 1897 | Newbury, James Henry, N. C.          | 1902 |
|                                              |      | Nelson (M. D.), George F., Md.       | 1888 |

|                                    |      |                                      |      |
|------------------------------------|------|--------------------------------------|------|
| Nigolosian, Solomon L., Asia Minor | 1889 | Rea, William A., Pa.                 | 1901 |
| Nicholas, H., Janney, Va.          | 1892 | Radcliff, Albert Atlee, Md.          | 1901 |
| Nicholson, C., Howard, Canada      | 1893 | Reaves, Willie Lucious, S. C.        | 1901 |
| Nicholson, Robert Cassell, Md.     | 1897 | Rockwell, J. Stanton, Nova Scotia    | 1901 |
| Nicodemus, Robert Gordon, Va.      | 1897 | Rowe, Walter W., Pa.                 | 1883 |
| Norfleet, Robert Gordon, Va.       | 1897 | Ranson (Jr.), Jas. M., W. Va.        | 1883 |
| Norris, Samuel P., N. C.           | 1898 | Rutledge, Brooks, S. C.              | 1885 |
| Nichols, Wallace H., N. H.         | 1898 | Riley, James M., N. C.               | 1886 |
| Norton, Oakley Warden, N. Y.       | 1900 | Rambo, Preston A., Ga.               | 1887 |
| Naile, Irvin T., Pa.               | 1903 | Reamer, Samuel S., Va.               | 1887 |
| Newell, Fred, R., Vermont          | 1903 | Richards, Franklin Walter, Ill.      | 1887 |
| Nase, Otto N., Brunswick           | 1905 | Robertson, Wilfred A., Canada        | 1887 |
| Neckerman, Edwin C., Pa.           | 1906 | Rambo, Francis E., Ga.               | 1888 |
| Neiman, Raymond S., Pa.            | 1908 | Rambo, Stafford, Ga.                 | 1888 |
| Noonan, Harry L., Maine            | 1908 | Reade, Edwin Leigh, Va.              | 1902 |
| Owen, Floyd Merton, N. Y.          | 1901 | Rawlinson, Robt. F., S. America      | 1888 |
| Oliveria, Alberto Lopez de, Brazil | 1887 | Ray, Harry J. S. C.                  | 1888 |
| Oldham, Frank M., S. C.            | 1889 | Roberts, S. Benson, Bermuda          | 1889 |
| Opielinski, Czeslaus, Germany      | 1889 | Reno, Charles B., Mo.                | 1890 |
| O'Connor, Henry Ignatius, Ga.      | 1897 | Riedel, Barnard F., Md.              | 1891 |
| Outcault, Chas. Edgar, W. Va.      | 1899 | Riley, Richie W., S. C.              | 1891 |
| Orr, Benj. Franklin, Va.           | 1899 | Rilke, Johannes, Germany             | 1891 |
| Oberdick, Harvey G. A., Pa.        | 1900 | Robinson (L. D. S.), Frank, England  | 1891 |
| O'Donoghue, David Cassidy, Md.     | 1900 | Rounds, George B., Canada            | 1891 |
| Osteen (Jr.), Noah Graham, S. S.   | 1900 | Ramey, Turner A., W. Va.             | 1892 |
| Orear, B. Forrest, Mo.             | 1903 | Rathie, Joseph L., Va.               | 1892 |
| O'Brien, Robt. T., Texas           | 1904 | Reynolds, E., Edington, N. Y.        | 1892 |
| Oliver, Alfred H., Canada          | 1904 | Riser, Jacob, Iowa                   | 1892 |
| O'Shanecy, Coleman Jos., N. Y.     | 1907 | Rowe, Thomas R., R. I.               | 1893 |
| Pierce, George William, Ga.        | 1901 | Reno, William H., Mo.                | 1894 |
| Parks, Clyde M., Pa.               | 1901 | Reynolds, Clarence P., N. Y.         | 1894 |
| Parker, J. Primrose, Nova Scotia   | 1901 | Rawlinson, John A., Brazil, S. A.    | 1895 |
| Pickett, James E., Ohio            | 1901 | Reynolds, Stanley C., Canada         | 1895 |
| Pennel, A. Lee, Md.                | 1883 | Rouse, B. Franklin H., Md.           | 1895 |
| Phillips (M. D.), S. Latimer, Va.  | 1884 | Reiff, Russell R., Pa.               | 1897 |
| Purnell, George Edward, Md.        | 1884 | Reviere, Herman A., Ga.              | 1902 |
| Parker, Will W., Minn.             | 1885 | Rogers, James Leftwich, Tenn.        | 1897 |
| Pitts, Henry Clay, N. C.           | 1885 | Robinson, Frank Sidney, Fla.         | 1897 |
| Perkins, Capers D., Ga.            | 1885 | Russell, Louis H., S. C.             | 1897 |
| Pleasant, Wilfred A., Va.          | 1886 | Russell, Percy, Md.                  | 1897 |
| Proctor (Jr.), W. Eppes, Va.       | 1886 | Redfern, Baxter C., N. C.            | 1898 |
| Purnell (M. D.), Ralph C., Md.     | 1886 | Rudd, Montell B., Va.                | 1898 |
| Phillips, Henry Homer, Pa.         | 1887 | Roach (Jr.), John A., N. C.          | 1898 |
| Page, Frank H., Canada             | 1888 | Reaves, Robert Lide, S. C.           | 1900 |
| Patterson, George B., N. C.        | 1889 | Rogers (A. B.), Jacob R., S. C.      | 1900 |
| Pirkey, Frank Zea, Cal.            | 1889 | Rawlins, George E., Cal.             | 1903 |
| Perrin, Geo. Harkness, Canada      | 1890 | Remsberg, Elmer W., Md.              | 1903 |
| Pressley, William Adams, N. C.     | 1890 | Rice, Edward, Ala.                   | 1903 |
| Pattison, Frank A., N. Y.          | 1891 | Reichley, Jac. C., Pa.               | 1904 |
| Poist, William B. D. C.            | 1891 | Rogers, C. Hammett, R. I.            | 1904 |
| Prather, William E., N. C.         | 1891 | Ross, William R., Canada             | 1904 |
| Payne, Clyde Sylvanus, Cal.        | 1892 | Riley, William H., Vt.               | 1905 |
| Probst, George C., S. C.           | 1892 | Ross, Joseph, N. J.                  | 1905 |
| Proctor, James A., Va.             | 1894 | Rothenberg, Louis H., N. Y.          | 1906 |
| Palmer, Raymond W., Va.            | 1895 | Rothman, A., Md.                     | 1906 |
| Parker, Fred L. S. C.              | 1895 | Ryder, William R., Jamaica, B. W. I. | 1906 |
| Pattton, D. Harry R., Neb.         | 1895 | Reade, Arthur P., N. C.              | 1907 |
| Patrick, John C. B., S. C.         | 1896 | Roy, Albert C., N. Y.                | 1907 |
| Pierce, James W., Ala.             | 1896 | Robertson, Lawrence J., Md.          | 1907 |
| Perdue, Chas. H., Ga.              | 1896 | Rosengardt, Solomon, Russia          | 1907 |
| Pheneger, Henry Newton, Pa.        | 1897 | Reichenbach, William C., Conn.       | 1908 |
| Posey, Thomas Lloyd, Ky.           | 1897 | Robertson, Harry C., Md.             | 1908 |
| Palmer, Weber T., Iowa             | 1898 | Saylor, Edward R., Md.               | 1902 |
| Parker, Fred L. S. C.              | 1898 | Stevens, J. Bertram, Pa.             | 1901 |
| Patterson, D. Harry R., Neb.       | 1898 | Shipman, Wm. Livingston, N. Y.       | 1901 |
| Pyles, Joseph T., Md.              | 1898 | Stein, Alexander, Russia             | 1901 |
| Petty, Raiman, N. Y.               | 1899 | Smithson, Chas. Franklin, N. C.      | 1901 |
| Pitts, James Wesley, S. C.         | 1899 | Sheeley, Harry Melville, Pa.         | 1901 |
| Plumley, Charles W., W. Va.        | 1902 | Spratt, Leonidas John, S. C.         | 1901 |
| Pierson, James Hutton, Va.         | 1902 | Sloan, Carl Shurz, N. C.             | 1901 |
| Pond, William Radin, Vt.           | 1899 | Salles, Hippolyte C., La.            | 1883 |
| Price, Warren, Md.                 | 1899 | Sanches, Carlos N., Cuba             | 1883 |
| Patget, Joe Huger, S. C.           | 1900 | Smith, C. Julian, S. C.              | 1883 |
| Pearly, Daniel Brainkey, Texas     | 1900 | Smith, Walter O., Va.                | 1883 |
| Preston, Stephen, Va.              | 1900 | Sebastian, James Bruite, Del.        | 1902 |
| Partridge, George T., N. Y.        | 1903 | Schlochaur, Freddie S., Texas        | 1902 |
| Posey, Aubrey A., Md.              | 1903 | Snyder, Myron W., N. Y.              | 1883 |
| Prudhomme, J. Herbert, La.         | 1903 | Stuart, Walter, Ky.                  | 1883 |
| Palmer, Harry A., Va.              | 1904 | Shieldis, Lewis N., Texas            | 1886 |
| Piche, Alfred J., Vt.              | 1904 | Shieldis, Nelson T., Texas           | 1884 |
| Price, Wilbert, Md.                | 1905 | Stratford, A. LaFayette, N. C.       | 1884 |
| Pyles, Charles T., Md.             | 1905 | Swindell, Reading B., N. C.          | 1884 |
| Parrot, Daniel W., N. C.           | 1906 | Schaer, Charles T., Md.              | 1885 |
| Perrin, William Henry, S. C.       | 1907 | Sims, Benjamin F., S. C.             | 1886 |
| Phillips, George A., Maine         | 1908 | Slocum, Frank E., N. Y.              | 1886 |
| Piper, J. Ralph, Pa.               | 1908 | Sapp, Carey Clifton, N. C.           | 1887 |
| Pyles, Richard G., Md.             | 1908 | Shields, Edward H., Ohio             | 1887 |
| Pegram, Louis J., N. C.            | 1908 | Shine, Henry Rutgers, Fla.           | 1887 |
| Phifer, Allie G., N. C.            | 1908 | Shine (Jr.), Richard Alex., Fla.     | 1887 |
| Quinlan, F. W., Homes, N. Y.       | 1898 | Sleppy, E. Everett P., Pa.           | 1887 |
| Quinlan, George B., N. Y.          | 1892 | Starke, Parke P., Va.                | 1887 |
| Quitt, William, Md.                | 1908 | Smith, Edgar Gillette, N. Y.         | 1887 |
| Ralston, William Cecil, Canada     | 1901 |                                      |      |
| Ralston, Thomas Albert, Canada     | 1902 |                                      |      |

|                                         |      |                                      |      |
|-----------------------------------------|------|--------------------------------------|------|
| Smith, Edgar L. W. Va.                  | 1888 | Shpritz, Abraham Samuel, Md.         | 1907 |
| Smith (M. D.), Howard M., Va.           | 1888 | Smathers, Herbert C., N. C.          | 1907 |
| Smith, James P., Va.                    | 1888 | Scarborough, A. Preston, Pa.         | 1907 |
| Snively, Daniel B., Pa.                 | 1888 | Smith, Wilbert B., Nova Scotia       | 1907 |
| Sheeley, Curtis Atlee, Pa.              | 1902 | Simmons, Richard F., Va.             | 1907 |
| Sheeley, William Scott, Texas           | 1902 | Somers, Royal T., Va.                | 1907 |
| Steel (M. D.), Frank Ryland, Va.        | 1888 | Speas, Robert L., N. C.              | 1907 |
| Schloendorf, F. F. W., Germany          | 1889 | Smithson, Thomas W., N. C.           | 1907 |
| Sharp, Joseph B., N. J.                 | 1889 | Stein, Samuel, N. Y.                 | 1908 |
| Shoemaker, Archie C., Pa.               | 1889 | Sachs, Joseph L., Md.                | 1908 |
| Simons, Benjamin, S. C.                 | 1889 | Sagebien, Augustin, Cuba             | 1908 |
| Simkins, William M., Ga.                | 1902 | Spangler, Nevin R., Pa.              | 1908 |
| Smith, Hampton K., S. C.                | 1889 | Skaggs, William B., W. Va.           | 1908 |
| Steer, Halsey G., N. Y.                 | 1890 | Southard, Phillip C., Del.           | 1908 |
| Sykes, Sylvanus Cland, Md.              | 1890 | Taft, Adin Walter, R. I.             | 1901 |
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| Sprinkle, A. Hume, Va.                  | 1891 | Teague, Newton Addison, S. C.        | 1883 |
| Sprinkel, C. Carter, Va.                | 1891 | Tipton, Norman B., La.               | 1883 |
| St. John, F. Myron, Conn.               | 1891 | Toombs, J. Everett, Mass.            | 1883 |
| Stehley, Frazer P., W. Va.              | 1891 | Taggart, John E., Vt.                | 1884 |
| Stevens, J. Frank, Pa.                  | 1891 | Trapp, William Sherman, Pa.          | 1885 |
| Stevenson, George W., N. Y.             | 1891 | Twitchell, Fred A., Minn.            | 1885 |
| Shaw, Edmund D., N. Y.                  | 1892 | Talbott, Robert W., Dist. of Col.    | 1887 |
| Simpson, James W., Va.                  | 1892 | Taylor, A. Zachary, N. C.            | 1888 |
| Simpson, Will R., S. C.                 | 1892 | Todd, Fred. P., Md.                  | 1888 |
| Smith, H. Blackburn, Bermuda            | 1892 | Todd, F. Foster, Md.                 | 1890 |
| Stouffer, Charles B., Pa.               | 1892 | Taliaferro, R. E. Lee, Va.           | 1891 |
| Stover, M. Emmert, Pa.                  | 1892 | Turner, Charles A., Canada           | 1891 |
| Sallis, D. Fleming, Miss.               | 1893 | Thomas, Arthur O., S. C.             | 1892 |
| Stanley, C. Charles, S. C.              | 1894 | Thursh, William A., Ill.             | 1892 |
| Smithers, Norman R., Md.                | 1894 | Tipton, Die P., Neb.                 | 1892 |
| Smith, Fred. H., Pa.                    | 1893 | Totten, Arminius W., N. C.           | 1892 |
| Saunders, L. St. Clair, Nova Scotia     | 1893 | Tigner, E. A., Ga.                   | 1895 |
| Smithers, Delmar, Md.                   | 1895 | Tigner, George S., Ga.               | 1895 |
| Starr, George E., Md.                   | 1899 | Thomas, Bennie Elmer, Texas          | 1896 |
| Stults, J. Albert, N. J.                | 1895 | Truby, J. Cromwell, Pa.              | 1896 |
| Shadrach, Samuel A., Va.                | 1896 | Taylor, Elisha S., Md.               | 1897 |
| Simpson, Richard L., Va.                | 1896 | Thomas, F. Rudolph, Nova Scotia      | 1897 |
| Smith, Thomas McC., N. C.               | 1896 | Tribble, Alexander, Md.              | 1897 |
| Seaton (Jr.), William Close, N. Y.      | 1897 | Taggart, Robert William, Vt.         | 1898 |
| Stack, Water Owens, Del.                | 1897 | Terry, Charles Arthur, W. Va.        | 1898 |
| Steele, J. Russell, Md.                 | 1897 | Thacker, Robert Lee, W. Va.          | 1898 |
| Switzer, Charles C., N. Y.              | 1897 | Tigner, Edwin Payne, Va.             | 1898 |
| Switzer, Marvin D., Va.                 | 1902 | Trump, George Herbert, Md.           | 1898 |
| Smallwood, Thomas E., Md.               | 1902 | Takashima, Tameji, Japan             | 1899 |
| Snyder, William Ruff, Pa.               | 1902 | Tibbets, Willard H., N. Y.           | 1899 |
| Stein, Max, Russia                      | 1897 | Tropp, Herman, Russia                | 1899 |
| Smith, Luther T., N. C.                 | 1898 | Taylor, George Washington, Ind.      | 1900 |
| Smithers, C. Linwood, Va.               | 1898 | Taylor, Joseph A., Ind.              | 1903 |
| Shaffner, V. Douglas, Nova Scotia       | 1898 | Turrentine, Minor H., Ga.            | 1903 |
| Sprinkel (Jr.), George Alsop, Va.       | 1898 | Thomas, Herbert M., Pa.              | 1903 |
| Ston, Albert H., N. Y.                  | 1898 | Tillotson, Raymond R., N. Y.         | 1900 |
| Stafford, Earl Zimbi, Texas             | 1898 | Teraki, Sadayoshi, Japan             | 1907 |
| Scott (Jr.), Robert J., N. Y.           | 1899 | Theil, Louis A. H., Wisconsin        | 1907 |
| Scott, Wallace Parsons, Me.             | 1899 | Thompson, Harry L., N. Y.            | 1907 |
| Shannon, William T., Ga.                | 1899 | Truitt, George Edward, Md.           | 1907 |
| Shecut, Linnaeus C. S. C.               | 1899 | Temple, Edward S., N. Y.             | 1908 |
| Smith, Frank E., New Brunswick          | 1899 | Underwood, Jno. Thos., N. C.         | 1908 |
| Smith, George C., Md.                   | 1899 | Voigt, Walter Theodore, Md.          | 1908 |
| Smith, Harold Benjamin, N. J.           | 1899 | Van Nostrand, John Frank, N. Y.      | 1901 |
| Steele, Elmer Milton, Va.               | 1899 | Volck, George Andreas, Md.           | 1883 |
| Stover, Harry Corbett, Pa.              | 1899 | Vaughan, Robert R., Mo.              | 1884 |
| Styne, Mina Fiston, Va.                 | 1899 | Van der Hoop, Richard, Austria       | 1884 |
| Stehley (M. D.), Paul H., W. Va.        | 1900 | Vegas, John J., N. Y.                | 1888 |
| Summer, Charles Ferris, Canada          | 1900 | Van der Hoeven (M. D.), C. Holland   | 1889 |
| Swart, James E., Va.                    | 1902 | Volck, Aloph W. A., Germany          | 1891 |
| Sargent, Henry H., Pa.                  | 1903 | Van Nostrand, William H., N. Y.      | 1892 |
| Selby, Benjamin F., Md.                 | 1903 | Van Tassel, Harry S., Dakota         | 1892 |
| Shupp, Frank D., Md.                    | 1903 | Veza, Joseph M., Austria             | 1892 |
| Spank, Charles A., N. J.                | 1903 | Von Wachter, Frank, Md.              | 1892 |
| Sprinkel, R. Wilmer, Va.                | 1903 | Vaughn, Patrick J., Ga.              | 1897 |
| Strickler, Robt. E. Lee, Va.            | 1903 | Valentine, Francis J., Md.           | 1903 |
| Stuart, (M. D.), George H., Md.         | 1903 | Van Meter, William C., W. Va.        | 1906 |
| Seippel, A. Worthington, Md.            | 1904 | Weeks, George E., N. C.              | 1906 |
| Shirley, William C., Va.                | 1904 | Wheeler, Arthur B., Md.              | 1906 |
| Smith, Fran, Jamaica, B. W. I.          | 1904 | Westrater, Amos Asbury, W. Va.       | 1901 |
| Smith, Stanley B., Canada               | 1904 | Wingate, William Irvin, N. H.        | 1901 |
| Stone, Ephraim, S. Africa               | 1904 | Watt, James Ford, Ind.               | 1901 |
| Shreeve, Jas. E. (Jr.), (A. B.), Md.    | 1904 | Willey, Henry Stewart, N. C.         | 1901 |
| Self, I. Rufin, N. C.                   | 1905 | Whife, Benj. Swanson, Tenn.          | 1901 |
| Skaggs, Calvin H., W. Va.               | 1905 | Williams, Granville R., Tenn.        | 1901 |
| Snively, Charles L., Md.                | 1905 | Watson, J. Arthur, S. C.             | 1901 |
| Snyder, George A., Pa.                  | 1905 | Watson, Howard Cantwell, Md.         | 1901 |
| Sperow, W. Harry, W. Va.                | 1905 | Watson, W. Brown, W. Va.             | 1901 |
| Steinbeck, Christian H., W. Va.         | 1905 | Wright, Oliver Barrett, S. C.        | 1901 |
| Samuel, Leicester D., Jamaica, B. W. I. | 1906 | Wienholt, Hermann O., Germany        | 1902 |
| Sanders, John L., S. C.                 | 1906 | Winklemann, Walter D., Md.           | 1902 |
| Sigler, Leroy, Md.                      | 1906 | Weaver, Fred. Allen, Mass.           | 1883 |
| Skaggs, Erastus P., W. Va.              | 1906 | Wietfeldt, Aug. F. L., Germany       | 1883 |
| Strasser, Henry, Md.                    | 1906 | Wayman, Joseph T., Va.               | 1884 |

|                                 |      |                                         |      |
|---------------------------------|------|-----------------------------------------|------|
| Wisherd (M. D.), Elmer J., Md.  | 1884 | Williams, Maynard E., N. Y.             | 1895 |
| Wagemann, Albert, Germany.      | 1885 | Wolf, Sheldon H., Pa.                   | 1895 |
| Welsh, Floyd J., Va.            | 1885 | Weinberg, Abraham, S. C.                | 1896 |
| Wegge (M. D.), William F., Wis. | 1885 | Willets, Alfred F., Maine.              | 1896 |
| Wood, Frank LeRoy, Maine.       | 1885 | Watts, J. Somers, Canada.               | 1897 |
| Wall, Joseph A., Pa.            | 1886 | Weighart, Geo. Christopher, N. Y.       | 1897 |
| White, Matthew W., S. C.        | 1887 | Weinberger, Julius, Hungary.            | 1897 |
| Wiefeldt, Arnold, Germany.      | 1887 | Weller, Franklin Babbitt, N. Y.         | 1897 |
| Wilhelm, Heinrich T., Germany.  | 1887 | Williams (Jr.), Alpha Ayer, Ga.         | 1897 |
| Wilson, John H., N. Y.          | 1887 | Wrightson, Samuel B., Md.               | 1897 |
| Wogan, Charles Edmund, Pa.      | 1890 | Warrenfels, George M., Md.              | 1898 |
| Wogan, William W., Pa.          | 1887 | Walsh, Thomas J., Vt.                   | 1898 |
| Watts, Willis E., N. Y.         | 1888 | White, Leonard Alwyn, Dist. C           | 1898 |
| Weirich, Jacob L., Pa.          | 1888 | Williams, Ed. Rolfe, Pa.                | 1898 |
| Wheeler, Fred, M., N. H.        | 1888 | Williams, W. Edmund, W. Va.             | 1898 |
| Wilbur, Robert A., S. C.        | 1888 | Wright, Jos. E., Md.                    | 1898 |
| Wilcox, George L., N. Y.        | 1888 | Wardlaw, Andrew Bowie, S. C.            | 1899 |
| Willis, Frank M., N. H.         | 1888 | White, Leroy Maynard, N. H.             | 1899 |
| Warnock, William J., S. C.      | 1889 | Whitaker, Joel, N. C.                   | 1899 |
| Wright (M. D.), M. V., N. H.    | 1889 | Wise, Wm. Harvey, Va.                   | 1899 |
| Whelpley, Charles B., Canada.   | 1890 | Watkins (A. B.), (Ll. B.), J. C., N. C. | 1900 |
| Woolsey, George, Cal.           | 1890 | Wilson, Joseph Emory, Ind.              | 1900 |
| Wright, Clarence Angelo, N. H.  | 1890 | Wayman, Walter Newton, Va.              | 1900 |
| Wells, Albert S., N. C.         | 1891 | Watkins, L. LeRoy, Md.                  | 1903 |
| White, George F., N. Y.         | 1891 | Watson, Eugene T., W. Va.               | 1903 |
| Whitfield, Robert J., Canada.   | 1891 | Whitney, Ralph M., Maine.               | 1903 |
| Wingo (M. D.), Charles E., Md.  | 1891 | Walker, Fred, P. W., Mass.              | 1904 |
| Wood, Charles Rockwell, N. H.   | 1891 | Wallace, James M., S. C.                | 1904 |
| Watson, J. Willis, W. Va.       | 1892 | Wheeler, George G., R. I.               | 1904 |
| White, Montgomery Lewis, Tex.   | 1892 | Willis, Jonathan R., Pa.                | 1904 |
| Wiley, Charles G., Pa.          | 1892 | Waltman, James E., Md.                  | 1905 |
| Woods, Edward Kirk, N. H.       | 1892 | Wareheim, Guernsey G., Pa.              | 1905 |
| Woodward, A. Watson, Va.        | 1892 | Whisnant, Andrew J., N. C.              | 1905 |
| Wool, J. Harvey, Va.            | 1892 | Wells, Charles Jos., Md.                | 1905 |
| Walden, Richard Channing, Va.   | 1894 | Welsh, John Edwards, S. C.              | 1905 |
| Walton, John Eldridge, Ga.      | 1894 | Wood, Henry Fletcher, Va.               | 1905 |
| Watson, James, Ill.             | 1894 | Woodward, Henry F., W. Va.              | 1905 |
| Wise, J. Brenton, S. C.         | 1894 | Watson, Samuel R., N. C.                | 1908 |
| Wilson, N. McKendree, Md.       | 1895 | Williams, Rodger W., Md.                | 1908 |
| Ward, Cyrus A., Ohio.           | 1892 | Windheim, Arthur P., N. Y.              | 1908 |
| Ward, George N., N. Y.          | 1895 | Yacoubyan, Rev. V. K., Egypt.           | 1905 |



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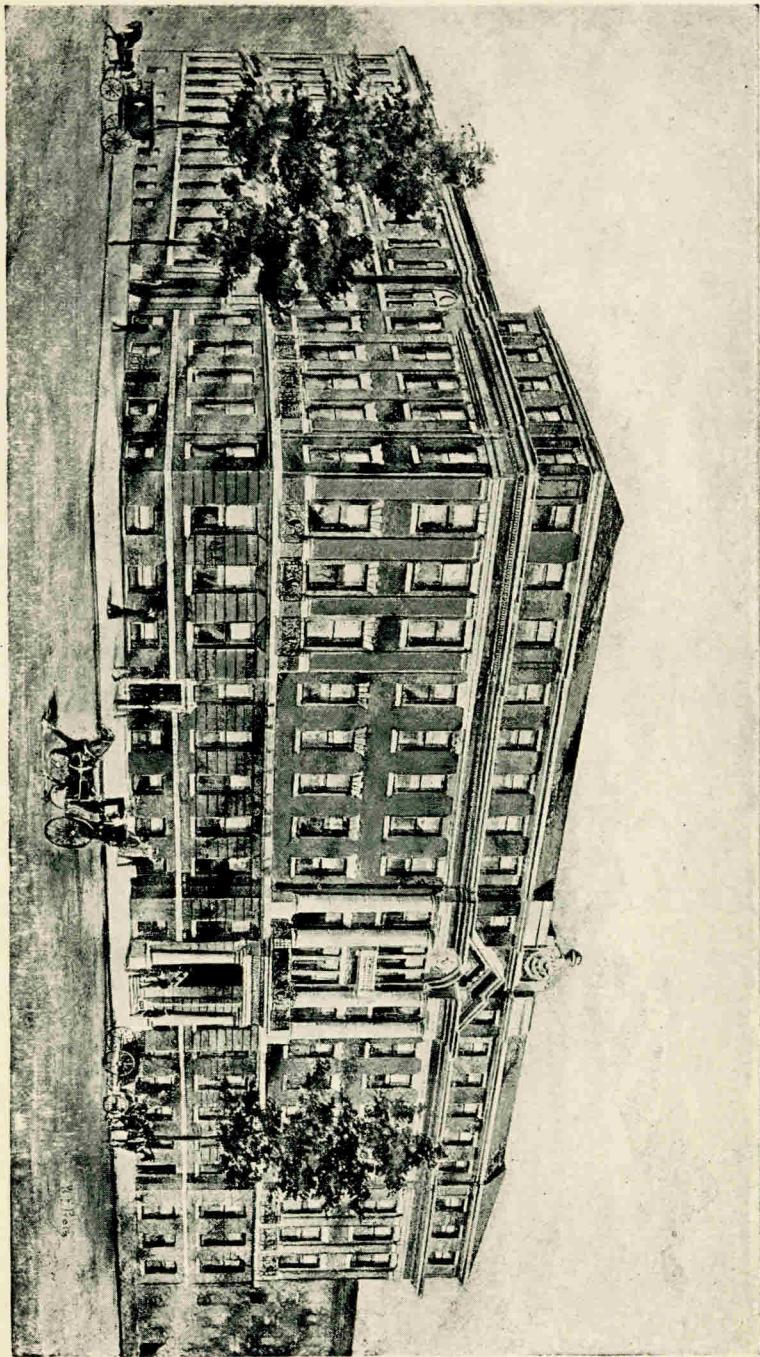
A. W. WOODCOCK, JR., B. A., M. A. (Graduate St. John's College). Assistant Professor of Mathematics.

JAMES B. GREENE, M. A. (Graduate St. John's College). Instructor in English and Science.

HARRY H. DOUGHERTY, B. A. (Graduate of St. John's College). Instructor in Mechanical Engineering and Drawing.

For Catalogue containing full information, address Charles Caspari, Jr., Dean of Maryland College of Pharmacy, University of Maryland, Baltimore, Md.

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