



# REGENTS

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ANNOUNCEMENT  
OF THE  
DENTAL DEPARTMENT  
OF THE  
UNIVERSITY OF MARYLAND  
FOR THE  
SESSION 1882-3.



# UNIVERSITY OF MARYLAND,

## DENTAL DEPARTMENT,

*N. E. Corner Lombard and Greene Streets, Baltimore, Md.*

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Hon. SEVERN TEACKLE WALLIS, LL. D., Provost.

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### FACULTY.

FERD. J. S. GORGAS, M. D., D. D. S.,  
*Professor of Principles of Dental Science, Den-  
tal Surgery and Dental Mechanism.*

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

WM. E. A. AIKIN, M. D., LL. D.,  
*Professor of Chemistry.*

SAMUEL C. CHEW, M. D.,  
*Professor of Materia Medica and Therapeutics.*

FRANCIS T. MILES, M. D.,  
*Professor of Physiology.*

L. McLANE TIFFANY, M. D.,  
*Clinical Professor of Oral Surgery.*

J. EDWIN MICHAEL, M. D.,  
*Professor of Anatomy.*

JOHN C. UHLER, M. D., D. D. S.,  
*Demonstrator of Mechanical Dentistry.*

FRANK L. HARRIS, D. D. S.,  
LEWIS M. COWARDIN, D. D. S.,  
*Demonstrators of Operative Dentistry.*

RANDOLPH WINSLOW, M. D.,  
*Demonstrator of Anatomy.*

HERBERT HARLAN, M. D.,  
*Assistant Demonstrator of Anatomy.*

CHARLES L. STEEL, M. D., D. D. S.,  
B. MERRILL HOPKINSON, D. D. S.,  
*Assistant Demonstrators of Operative Dentistry.*

THOS. H. PARRAMORE, D. D. S.,  
HOWARD W. HOOPES, D. D. S.,  
CHARLES F. DINGER, D. D. S.,  
*Assistant Demonstrators of Mechan. Dentistry.*

LUKE J. PEARCE, D. D. S.,  
*Demonstrator of Continuous Gum Work.*

### CLINICAL INSTRUCTORS.

DR. EDWARD MAYNARD, D. C.  
" W. G. A. BONWILL, PENNA.  
" W. W. H. THACKSTON, VA.  
" A. J. VOLCK, MD.  
" SAML. J. COCKERILLE, D. C.  
" E. S. CHISOLM, ALA.  
" GEO. H. WINKLER, GA.  
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" A. F. CLAYWELL, TENN.  
" D. E. EVERETT, N. C.  
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" HENRY C. JONES, VA.  
" W. S. CARRUTHERS, TEXAS.  
" DANL. MCFARLAND, D. C.  
" W. F. EDINGTON, N. Y.  
" THOS. H. DAVY, MD.  
" ARTHUR C. FORD, FLA.

At stated times during the Annual Sessions a number of the Corps of Clinical Instructors will hold Clinics and deliver Clinical lectures.

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

DEAN OF THE DENTAL DEPARTMENT OF THE UNIVERSITY OF MARYLAND,

**259 N. Eutaw Street, Baltimore, Md.**

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EMIL RUNGE, Janitor.

# DENTAL DEPARTMENT.

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## ANNOUNCEMENT.

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. While the object of this Department is to graduate students in dentistry, yet it should be an incentive to all who aim to become properly qualified to practice dentistry, to educate themselves as doctors of medicine in conjunction with their dental training. By placing dental surgery, as connected with oral surgery, in a position where it is accepted as a department of medicine, its status will be exalted, and a larger number of intellectual men be found in its ranks, and a new impetus to thought and investigation be thereby created.

In order to accomplish such purposes, the Dental Department of the School of Medicine University of Maryland (one of the oldest Medical Colleges in this country), has been organized in accordance with a Charter granted by the Legislature of Maryland, and will be conducted by competent and experienced instructors.

The instruction in both Operative and Mechanical dentistry will be as thorough as it is possible to make it, and will embrace everything pertaining to dental art. The advantages



which the general and oral surgery clinics (to which the dental students are admitted, as indeed to *all* the lectures of the University), will afford, cannot be over-estimated. During the past year over *twenty-five thousand patients* have been treated in the University Hospital, which will furnish an abundance of material for the dental infirmary and laboratory practice, and the oral surgery clinics.

The New "Dental Infirmary and Laboratory Building," recently erected especially for the Department of Dentistry, cannot be excelled for the completeness of its appointments, its adaptability, and its situation. Erected on an elevated site in the extensive University grounds, with an entrance from Greene Street, it commands light from *every side* by means of 49 large windows, that are altogether unobstructed, possessing advantages in this respect which are not equalled by any other similar structure in the world.

The large "Infirmary" that occupies the *second story* of this Dental Building, is completely equipped with new and approved Operating Chairs (the greater number being Morrison chairs) with one chair opposite each of the *twenty-five large windows*, that afford light from every side to this extensive Hall, which also contains every other necessary appliance, such as handsome movable brackets, tables, etc. The spacious "Dental Laboratory" occupies the first story, and contains every appliance necessary to a properly arranged mechanical department. Special care has been taken to make this Laboratory equal, if not superior, to any private laboratory, and one in which every facility will be afforded for the proper and satisfactory construction of all forms of dental mechanism. So perfect are its appointments, that it also far excels any other College Laboratory. Private closets and drawers secure the safety of the instruments, books and clothing of the students. The Lecture Halls in the University Buildings, and Practice Hall, the latter especially devoted to the Dental Lectures, and capable of accommodating two hundred students with elevated seats, are large and well lighted; indeed, every facility is afforded for practical and theoretical dental instruction.

The large and interesting Museum of the University contains many specimens of peculiar interest to dental students.

Adjacent to the Dental Infirmary and Laboratory Building, and separated from it only by the width of a street, is the extensive University Hospital, in which are daily held the surgical and other Clinics, affording the dental student opportunities (which no separate Dental School can command) of witnessing every variety of general and oral surgical operations. The University Hospital and Infirmary is the largest institution for the care of the sick in the city of Baltimore, and the Sisters of Mercy to whom is confided the domestic management of the institution, are every where favorably known as tender and skilful nurses.

Ample clinical material is furnished by this large Hospital for dental as well as for surgical purposes. The "Dispensary or Out-Patient Department" also greatly contributes to the supply of patients for the Dental Infirmary and Laboratory practice.

The Professors of the Faculty of Physic are connected with several Charity Hospitals, the inmates of which will 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 all expenses attending such operations are borne by the University. The benefits of a large Infirmary and Laboratory practice to the dental student cannot be over-estimated, and the sources from which the Dental Department of the University of Maryland can obtain an ample supply of dental patients are so numerous and well assured, that the facilities for the acquirement of practical skill in this institution are far superior to any that can be offered by separate Dental Schools. Special lectures and clinics in addition to those of the regular course will be given by eminent practitioners.

The Dental Infirmary and Laboratory are open daily (except Sundays) during the entire year for the reception of patients.

# COURSE OF STUDY.

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## DENTAL SCIENCE, DENTAL SURGERY, AND DENTAL MECHANISM.

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

The course of instruction from this chair will comprise 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 medicinal agents employed in dental practice. Also all that appertains 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 in the mouth.

## OPERATIVE AND CLINICAL 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 teeth; the filling of pulp canals; the treatment of alveolar abscess, diseased pulps, etc., etc. All proper methods of 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 all operations known to the profession. The advantage and disadvantage of each particular form of gold will be carefully scrutinized. All plastic materials for filling teeth, such as amalgam, &c.; 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 them. 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 practicable 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 close attention.

The Professor of this chair will deliver clinical lectures and give special clinics for practical instruction, at stated times each week of the session.

## CHEMISTRY AND METALLURGY.

PROF. WM. E. A. AIKIN, M. D., LL. D.

The course will include a notice of those molecular forces which are active in all chemical changes; the nomenclature of the science; the use of chemical symbols as the written language of chemistry; the laws of combination; the properties of such elements and compounds as have any practical interest; the re-actions of the pharmaceutical processes of the pharmacopœia and the application of the science to toxicology. For these purposes the apparatus in this department furnishes excellent facilities. The special chemistry of the mouth, the stomach, etc.; the chemistry of metals and alloys used in dental practice. And as the science can only be successfully taught by the aid of experimental illustrations, these will be constantly employed to make the lectures instructive and impressive.

## MATERIA MEDICA AND THERAPEUTICS.

PROF. S. C. CHEW, M. D.

In this department special attention is bestowed upon the application of remedies in the treatment of disease, the indications of their use, the effects of medicines, and their modes of action. The remedial agents employed in the treatment of pathological conditions of the teeth and oral cavity; also the nature, use and physiological action of the various anæsthetic agents. These subjects, constituting the science of Therapeutics, are regarded as the most important topics assigned to this chair.

## PHYSIOLOGY.

PROF. FRANCIS T. MILES, M. D.

In the Physiological course such demonstrations as can be exhibited with practical advantage to the class, will be given. The teaching of Physiology will be, as far as possible, directed to the elucidation of Pathology. It will be divested of discussions on undecided, abstract questions.

Special attention will be given to the histology of the dental tissues; to food, condition of the digestive apparatus and to hygienic rules.

## ORAL SURGERY.

PROF. L. McLANE TIFFANY, M. D.

Surgery is an eminently practical branch, and as such is taught. Didactic lectures are illustrated by diagrams, casts, colored 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; advantages

which separate dental schools cannot command for their students.

## ANATOMY.

PROF. J. EDWIN MICHAEL, M. D.

Anatomy is taught in the most practical manner possible. The lectures upon this fundamental branch of medical and dental learning will be amply illustrated with preparations, models, plates, drawings and the dissected cadaver. The supply of material is abundant, and the principles of descriptive anatomy are of immediate application. Special reference is made to the anatomy, microscopical and comparative, and the structure and development of the teeth.

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## DEMONSTRATIVE INSTRUCTION.

The facilities for securing patients for the students to acquire actual practice under the supervision of the professors and demonstrators, are so superior to those of separate dental colleges, that each student has ample opportunity of 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 over-estimated.

THE DENTAL INFIRMARY 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.

THE DENTAL LABORATORY contains 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 are also constantly present to give the necessary information and directions.

Every student is required to furnish his own hand instruments in what are known as "Students' Sets" (which are useful in after practice), and for which separate closets and drawers are provided where they can be safely kept when not in use.

The cost of these "Sets" of instruments will vary according to number; the ordinary set can be procured for from \$25 to \$30.

Under the instruction of a skilful Demonstrator the student can acquire a thorough knowledge of *Continuous Gum Work*, the Laboratory being equipped with one of the latest and most approved furnaces for this style of work.

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## PRACTICAL ANATOMY.

The Dissecting Room is in charge of the Demonstrator, Randolph Winslow, M. D., who superintends and directs the classes in their dissections. The rooms are convenient, well warmed, ventilated and lighted. The Demonstrator passes much of his time in assisting the students and in guiding their labors. Access may be had to the rooms at all hours of the day, and until 10 o'clock, P. M., when they are closed for the night.

*Dissecting material is furnished in abundance free of charge.*

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 extensive "University Hospital," enables the dental students equally with the medical students, to witness various important surgical operations, which are not only very interesting, but highly instructive.

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## QUALIFICATIONS FOR GRADUATION.

The candidate for graduation must be twenty-one years of age, and have attended two full courses of lectures at the REGULAR or WINTER Session of this dental institution.

The following, however, will be considered as equivalent to an attendance on one course of lectures in this University:—One course in any reputable Dental or Medical College, prior to matriculation in this University; five years' Dental Practice, including regular pupilage; a satisfactory examination on en-



tering this University. The student meeting either of the above requirements, will have the privilege of presenting himself as a candidate for graduation at the end of but one Course of Lectures.

The candidate for graduation must also present himself for examination upon all subjects comprising the dental course of instruction, excepting surgery. Prior to such examination, 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 collection.

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 result of his final examination.

The Faculty, however, wish it to be distinctly understood, that while any student who has complied with the technical requisitions, viz., matriculation, attendance upon lectures and clinics, etc., etc., may appear before them for examination, they reserve to themselves and will exercise the right of making moral as well as professional qualifications an element in their decision. Open irregularity of conduct, negligence, habitual and prolonged absence from lectures, will always be regarded as obstacles to the attainment of a degree.

The result of an examination is determined by a majority of the votes of the Faculty.

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## GRADUATION IN MEDICINE.

Dental students wishing to take the degree in Medicine also, *can do so* in three years from the beginning of their studies; *but candidates must notify the Dean of the Faculty of Physic* of such intention before the beginning of the second course of lectures. They must then add to their studies of the second year, which they would take as students of dentistry, Practice of Medicine, Obstetrics, General Surgery, Pathology, Diseases of Women and Children, Diseases of the Eye and Ear.



After attending two sessions they will, however, be credited on graduation in dentistry with Anatomy, Physiology, Chemistry and Materia Medica and Therapeutics.

Or such candidate instead of waiting for the second year of the dental course, may commence the graded medical course during the first year of the dental course, and thus divide the entire medical course, in connection with the two dental courses, throughout the three years. The dental student taking advantage of this opportunity to obtain the Medical degree, can thus save, irrespective of time, the sum of *three hundred dollars*.

## SESSIONS.

The REGULAR or WINTER SESSION will begin on the 2nd day of October, 1882, and terminate early in March, 1883.

The SUMMER SESSION for practical instruction, will begin for the year 1882, on the 15th day of May, and continue until the opening of the regular Session. Dental students attending the Summer Session, will have, in addition to practical instruction in Operative and Mechanical Dentistry, the privilege of attending *the daily Bedside, Surgical and Medical Clinics* of the University Hospital, where there is a weekly attendance of a very large number of patients.

## FEES AND EXPENSES FOR EACH SESSION.

Matriculation Fee.....	\$ 5
Professors' and Demonstrators' Fees.....	100
Diploma Fee for Candidates for Graduation..	30
Dissecting Ticket.....	10

*These fees, with the exception of the Diploma fee, are expected to be paid on matriculating.* The matriculation ticket must be countersigned by the Professors, whose lectures the students may attend, and exhibited to the Janitor when required. The Diploma fee must be paid before the candidate can be admitted

to an examination. Recent graduates of other schools are admitted on paying the matriculation fee and \$50, half the regular fees; graduates of more than three years standing, the matriculation fee only.

Students who have attended two 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 Lectures may be taken out separately.

All tickets for the "Dental Department," will be issued by the Dean of that Department, at his office, 259 N. Eutaw Street, near Biddle Street, to whom all dental students are requested to report themselves immediately upon their arrival in Baltimore.

For Summer Session, no charge to those who attend the following Winter Session. *No assessment is made on Candidates for graduation, the University bearing all the expenses attending the Commencement exercises.*

**BENEFICIARY.** A Beneficiary student will be received from each State, on the recommendation of the State Dental Society, or the President of such a Society during the interval between its annual meetings, but such scholarship must be obtained prior to the beginning of the Session at which it is available.

**BOARD** can be obtained at from \$3.50 to \$5 per week according to quality, including lodging, fuel and light. By leaving baggage at the railway depot until after matriculating, time and expense may be saved, as the student can then go direct to the College Building on the University grounds, N. E. corner of Lombard and Greene Streets, where the Janitor, who may be found at his house on the premises, 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 in Baltimore as in any large city in the United States.

# UNIVERSITY OF MARYLAND

## SCHOOL OF MEDICINE,

*N. E. Corner Lombard and Greene Streets,*  
BALTIMORE, MD.

The Seventy-Sixth Annual Course of Lectures in this Institution will commence on Monday, October 2nd, 1882.

### FACULTY.

WILLIAM E. A. AIKIN, M. D., LL. D., *Professor of Chemistry.*  
 GEORGE W. MILTENBERGER, M. D., *Professor of Obstetrics.*  
 RICHARD MCSHERRY, M. D., *Professor of Principles and Practice of Medicine.*  
 CHRISTOPHER JOHNSTON, M. D., *Emeritus Professor of Surgery.*  
 SAMUEL C. CHEW, M. D., *Professor of Materia Medica and Therapeutics, and Lecturer on Diseases of Throat and Chest.*  
 FRANK DONALDSON, M. D., *Clinical Professor of Diseases of the Throat and Chest.*  
 WILLIAM T. HOWARD, M. D., *Professor of Diseases of Women and Children, and Clinical Medicine.*  
 JULIAN J. CHISOLM, M. D., *Professor of Eye and Ear Diseases.*  
 FRANCIS T. MILES, M. D., *Professor of Physiology, and Clinical Professor of Diseases of Nervous System.*  
 L. McLANE TIFFANY, M. D., *Professor of Surgery.*  
 J. EDWIN MICHAEL, M. D., *Professor of Anatomy and Clinical Surgery.*  
 I. EDMONDSON ATKINSON, M. D., *Professor of Pathology, and Clinical Professor of Dermatology.*  
 RANDOLPH WINSLOW, M. D., *Demonstrator of Anatomy.*  
 HERBERT HARLAN, M. D., *Assistant Demonstrator of Anatomy.*

For Circular and any further information, apply to

L. McLANE TIFFANY, M. D., Dean,  
No. 31 Cathedral Street.

# BALTIMORE INFIRMARY,

*S. W. Corner Lombard and Greene Streets,*  
BALTIMORE, MD.

This Institution, most pleasantly located, the capacity and comforts of which have undergone great development to meet the increasing demands of patients, is fitted up with all modern conveniences for the successful treatment of Medical and Surgical Diseases.

Its Medical Staff comprises the FACULTY OF THE UNIVERSITY, and the entire management of the Institution, having been delegated to the SISTERS OF MERCY, so well known as faithful and efficient skilled nurses, the sick may rely upon enjoying the benefits of an Infirmary as well as the comforts and privacy of a home, while seeking treatment for Medical Diseases and undergoing Surgical Operations.

Special attention is called to the Lying-in Department of the Infirmary, and the thorough privacy given to confinements.

When persons are compelled to leave their country residences to seek professional medical assistance in Baltimore, no Institution offers greater facilities than the Baltimore Infirmary, which presents, amongst other great advantages, that of having two resident Physicians, appointed by the Medical Faculty, both of whom are usually, one is always, in the building to carry out the instructions of the professors.

Board in the Wards \$5 per Week; Board in Private Rooms \$8 to \$12 per Week.

### MEDICAL STAFF OF THE INFIRMARY.

#### SURGEONS.

PROF. J. J. CHISOLM, M. D.	PROF. L. McLANE TIFFANY, M. D.
PROF. J. EDWIN MICHAEL, M. D.	DR. R. WINSLOW, M. D.

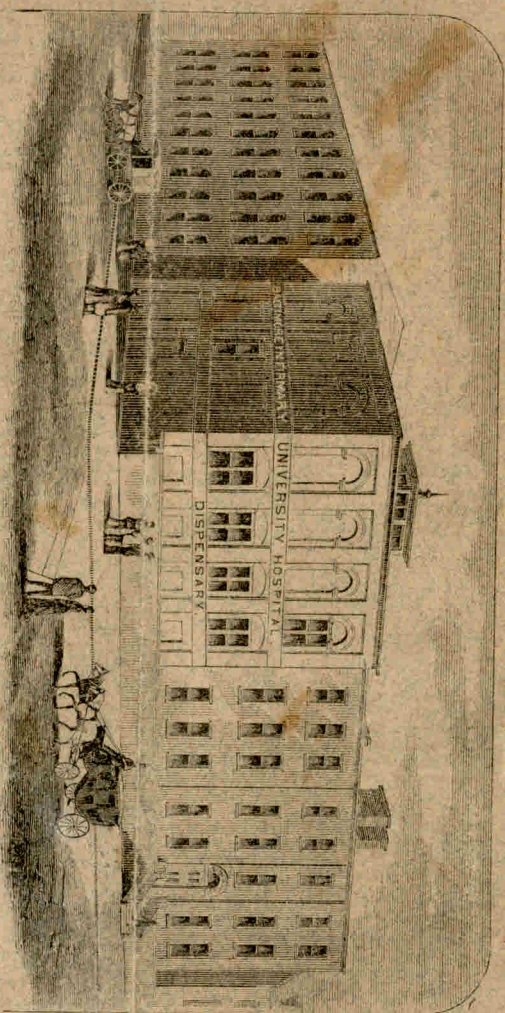
#### PHYSICIANS.

PROF. R. MCSHERRY, M. D.	PROF. W. T. HOWARD, M. D.
PROF. S. C. CHEW, M. D.	PROF. F. T. MILES, M. D.
PROF. I. E. ATKINSON, M. D.	

For further particulars apply to the Resident Physician, FRANK WEST, M. D., or to

Prof. L. McLANE TIFFANY, M. D., Dean.





# Baltimore Infirmity and University Hospital,

S. W. COR. LOMBARD AND GREENE STS., BALTIMORE, MD.