## 1913 Anatomist Yearbook

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N submitting this book to you, the Class of $19{ }^{1} 3$, for your enjoyment or displeasure, we sincerely hope that we have been successful in chronicling those events and incidents which, in after years, will enable you to recall some fond memories of your days at Jefferson and to bring you in closer relationship with your Alma Mater.
We fully realize that in a book of this kind there are some omissions which, if present, might possibly add to the interest of the book; on the other hand, we appreciate that some things in this book may cause discomfort and for this reason should have been omitted. For these conditions we have no apologies to offer because the book will, for the most part, be read by men whose intellects and viewpoints have been broadened by the liberal education of medicine, and it is but reasonable to assume that they will extend to us the same latitude of interpretation that they would expect to receive were they in a similar position. That part of the book we have devoted to "Jokes," we hope will prove amusing either because of the presence or the absence of humor.

The name of our book, "The Anatomist," was selected in deference to the teacher to whom it was our privilege to dedicate the class book. It was not because we followed his wish that we chose the name, "The Anatomist," but because we paid tribute, by so doing, to his life-long devotion to the study of anatomy, and to the love he bore to all who were his pupils. Doctor McClellan was a true anatomist, and the principles of observation, analysis and synthesis which he so ably impressed upon us will be of inestimable value to us throughout our professional lives. We sincerely regret that, instead of our book being a tribute to the living, as was our intention, it is a monument to the memory of one who has gone from our midst.

As a result of the hearty co-operation and earnest work of the members of the editorial staff and business committee, as well as the aid of the members of the Class, this work has been made possible and I am deeply indebted to them for their support. To Prof. Hansell, as chairman of the faculty committee, for his kind supervision and review of the book; to Mrs. Keys for the cut of her deceased son; to Mr. Hansbury for his promptness in finishing the photographs used in this book; and to Mr. Stewart and the publishers for their willing assistance and advice ; I extend my sincerest thanks.

JOHN E. LIVINGOOD, Editor-in-Chief.



## $\tau_{0}$

## 习习rofessor $\mathfrak{G e o r g e}$ flcClellan, fll.

who lobed the students-as a father, and whose memory will alwaps be rebered; this book is dedicated as a token of respect



George McClelifan, M.D.

## $\mathfrak{G e o r g e}$ fltclellan, ftl. 刃.


R. GEORGE McCLELLAN was born in Philadelphia, October 29, 1849. He entered the Department of Arts, at the University of Pennsylvania in 1865 , and left in the senior year in order to matriculate at the Jefferson Medical College in 1868 . During his pupilage he was clinical assistant to Professors Joseph Pancoast and S. D. Gross. Dr. McClellan graduated March 12th, 1870, and at once took up the practice of his profession, devoting himself especially to general surgery. In 1872 he went abroad and pursued his studies at the great hospitals of Paris, Berlin, Vienna, London and Edinburgh. While in Vienna he was deeply impressed by the lectures of Professor Hyrtl, whose teaching of anatomy inspired him to follow his methods. Upon his return he was successively elected Surgeon to the Howard Hospital, to the Philadelphia General Hospital (Blockley) and to the St. Joseph's Hospital. He is the author of "McClellan's Regional Anatomy," of "Anatomy in Its Relation to Art" and of "The Anatomy of Children," in Keating's Encyclopedia of Diseases of Children, and of numerous scientific papers, such as "The Conditions of Shock," "The Repair of Wounds," etc. He has also written on such practical subjects as "The Treatment of Carbuncle by the Sponge Dressing and Pressure" and of "The Use of the Antiseptic Moist Sponge Dressing in Amputations at the Joints." His work on "Regional Anatomy" is a masterpiece. It is marked by originality, both in the text and in the illustrations, the latter being reproduced from his own photographs of his own dissections and colored by him after nature. This work passed through four (4) editions in the United States, where over fifteen thousand ( 15,000 ) copies were sold. It was translated into French and passed through two editions in Paris, proving the unusual appreciation with which it was received abroad.

Doctor McClellan has been President of the Philadelphia Medical Club and of the Contemporary Club, and is a member of the Academy of Natural Sciences, of the College of Physicians, of the Academy of Surgery, of the Association of American Anatomists, and also of numerous other medical societies. In 1879 he established The Pennsylvania School of Anatomy and Surgery, where he taught anatomy and surgery for twelve (12) years, and had the satisfaction of enrolling among his four hundred and fifty-seven (457) private students many of those who are now recognized teachers throughout the country.

Throughout his whole professional life, Doctor McClellan has been associated with the study and teaching of anatomy, and his talent for free-hand drawing has won for him a reputation of original and unusual merit. He has been for twenty-five (25) years Professor of Anatomy for Art at the Pennsylvania Academy of the Fine Arts, where he still lectures, and he is now Professor of Applied Anatomy in the Faculty of the Jefferson Medical College.

In Doctor McClellan we recognize a loyal son of Jefferson, whose life has been devoted to the study of Anatomy and Surgery, and who has carried out this study along original lines. As a teacher he has always been untiring in his efforts to aid the boys in acquiring knowledge, and at all times his energy has clearly shown that his heart was in his work. Ever open to conviction and eager to accept opinions that had withstood the test of time, Doctor McCiellan has always strongly asserted himself when occasion demanded it. In his relations to the Class of 1913 he has always proved himself to be their kind and warmhearted friend.


## $\mathfrak{Z n} \mathfrak{f t l e m o r i a m}$


r. George McClellan, after a life-long service in the ranks of the medical profession, died March 29, 1913, at his home, III6 Spruce Street. In the preceding pages of this book a brief account of his active life is printed, so it is unnecessary to enumerate at this place, the events of his life.
As a teacher we looked up to him as one worthy of imitation, and as the representative of a type who placed the interests of the student first and considered his own interests secondarily. He thoroughly believed in the value of dissection, and, notwithstanding his unusual ability as an artist, never lost an opportunity to illustrate anatomical relations by demonstrations upon the cadaver. Observation and the value of associations were principles which he admirably endeavored to inculcate upon the minds of those whom he taught. As a friend, the Class of Nineteen Hundred and Thirteen knew him as one who always had the welfare of the students at heart and who never hesitated to intercede in the behalf of the student. No duty was too irksome, nor any sacrifice too great for him to render in the interests of his students, and on account of these altruistic qualities he was beloved by all who knew him.

Doctor McClellan lived a life of activity. He was devoted to the study and teaching of anatomy. His life was not entirely laid out along a smooth pathway; because, during it, many obstacles were overcome, high places surmounted, and heights conquered. His end came in the midst of his activity, dying in the harness. Of him it may truly be said that,
"Knowledge by suffering entereth
And life is perfected by death."

## $\mathfrak{Z n} \mathfrak{f t l e m o r i a m}$



HE late Dr.Orville Horwitz was a descendant of families prominent both professionally and socially in this State and the State of Maryland. His father was P. J. Horwitz, surgeon-general and medical director of the United States Navy, who rose to special distinction during the Civil War. His grandfather, Dr. Jonathan Horwitz, was a graduate of the University of Pennsylvania in the Class of 18II. His mother was Miss Caroline Norris, daughter of Joseph Parke Norris, and a direct descendant of Isaac Norris, one of the provincial councillors of Pennsylvania, and Thomas Lloyd, the first governor of this State.

Doctor Horwitz was born in Washington, D. C., June, 1860. He graduated in 1881 from the University of Pennsylvania with the degree of Bachelor of Science, and in 1883 took his M. D. degree at Jefferson.

The following year he spent as interne in the Jefferson Hospital ; the following three years were spent in interne service at the Pennsylvania Hospital for the Insane and the Pennsylvania Hospital. After this he began his long period of service for the college and hospital, which was unbroken until his resignation last May. He first held the position of demonstrator of anatomy in the college, and subsequently that of demonstrator of surgery for six years. His ability was quickly recognized, and he later became chief on the surgical staffs: first, the elder Gross; then of the younger Gross. and finally, of Dr. W. W. Keen. In 1894 he was elected by the trustees Clinical Professor of Genito-Urinary Surgery. The chair of this branch was created in 1905, and Doctor Horwitz was then made Professor of Genito-Urinary Surgery, which position he held until the date of his resignation. At the beginning of the out-patient work in this branch, the patients numbered from three to five daily, and it is largely due to his unfailing energy and interest that Jefferson's Genito-Urinary out-patient department is of such high rank and large size to-day.

Doctor Horwitz's contributions to the literature of his profession include a students' compend on surgery and numerous papers in the line of his specialty.

Doctor Horwitz's social life included membership in the Philadelphia, Art, Union League, Huntington Valley Country, Racquet, and other clubs. He was prominent in many professional organizations, as the College of Physicians of Philadelphia, Academy of Surgery, the County Medical, and numerous other societies.

Doctor Horwitz occupied a high position in his chosen profession ; he loved his work, as was evidenced by his life-long service and devotion to duty; and his memory will be revered by all who knew him. Honored by his colleagues, admired by his pupils, and beloved by all who knew him, Doctor Horwitz died at his home, 1721 Walnut Street, January 28th, 1913.

## Thomas fltcrae, ftl.7.


R. THOMAS McCRAE is a Canadian by birth and received his collegiate education at the University of Toronto, graduating in Arts in 1891 and in Medicine in 1895 . He took an active interest in athletics, playing on the football team for four years.

After graduation in Arts he held the Fellowship in Biology for two years. His first hospital appointment was to the House Staff of the Toronto General Hospital. At this time nearly every year one of the Toronto graduates went to The Johns Hopkins Hospital and Dr. McCrae was the one chosen in 1896. He was appointed as Interne on the medical side of the Hopkins Hospital, an appointment at that time open to outsiders, as there were no graduates of the School till 1897. The Hopkins system differs from that usually in vogue, as the Senior positions on the House Staff are for prolonged periods. After five years as an assistant, in rgoi he became the Chief Resident Physician. The holder of this has charge of the whole medical clinic under the chief (then Dr. Osler). This position Dr. McCrae held for three years, making in all nine years spent as a hospital resident. During the last five years of this time he held a teaching position in the Medical School. He spent some time abroad working in pathology and medicine at the University of Göttingen.

After leaving the hospital in 1904, he was appointed Assistant Physician to the hospital and continued to teach in medicine and therapeutics as Associate Professor. He was associated with Dr. Osler (now Sir William) in writing a "System of Medicine" and is now associated with him in the revision of his "Textbook of Medicine."

Dr. McCrae is a Fellow of the Royal College of Physicians of London, a member of the Association of American Physicians, and the American, Canadian and British Medical Associations.

## 



ROFESSOR HIRAM RITTENHOUSE LOUX, who succeeds Professor Crville Horwitz to the chair of Genito-Urinary Surgery, was born in Sellersville, Bucks County, Pa.

His preliminary education was received in the public schools of the district, latterly in Washington Hall, and from a private tutor. He matriculated in the Jefferson Medical College, and was graduated with honors as a member of the Class of 1882 , receiving honorable mention in connection with the award of the Henry C. Lea Prize.

After graduation he engaged in the practice of his profession in Montgomery County, where he was very successful. With a desire to enlarge his scope of usefulness and also to become associated with an active teaching staff, he moved to Philadelphia, where he became an assistant on the staff of W. W. Keen, which position he occupied for several years.

About this time the specialties were born to Jefferson. The work in GenitoUrinary Diseases and Surgery was separated from the chair of General Surgery and made a separate clinical chair, with its own staff and department, Professor Orville Horwitz was appointed clinical professor of Genito-Urinary Surgery and Professor Loux his chief of clinic. He was appointed Demonstrator of Fractures and Dislocations in Jefferson in 1893. In 1900 he was appointed Assistant GenitoUrinary Surgeon of the Jefferson Hospital ; in 1910 appointed Associate Professor of Genito-Urinary Surgery in the college, and in 1912 Professor of GenitoUrinary Surgery. For many years he was Assistant Surgeon to the Philadelphia General Hospital, in 1907 becoming Surgeon.

Professor Loux is a Fellow of the College of Physicians, a Fellow of the Academy of Surgery, and numerous other medical associations. He has been a contributor to the literature of general surgery and genito-urinary surgery, and further enjoys the distinction of being a skillful and dexterous operative surgeon.

## 

 ROF. PHILIP B. HAWK, of the University of Illinois, succeeds Prof. James W. Holland as head of the Department of Chemistry.

Professor Hawk is known as a teacher and as an investigator in Physiological and Medical Chemistry. He is the author of "A Manual of Physiological Chemistry," much used as a text book in medical schools of this country.

He graduated from Wesleyan University, degree of B. S., 1898 ; received the degree of M. S. from Yale University, 1gor, and the degree of Ph.D. from Columbia University, in 1903. He was assistant to Professor Atwater at Wesleyan for two years; studied Physiological Chemistry at the Sheffield Scientific Institute at Yale for two years; was instructor in Physiological Chemistry at the College of Physicians and Surgeons, Columbian University, for two years; demonstrator of Medical Chemistry, University of Pennsylvania, for four years, and Professor of Physiological Chemistry since 1907 at the University of Illinois.

He is a member of American Medical Association, American Chemical Society, American Physiological Society, American Society Animal Nutrition, Society Experimental Biology and Medicine, American Association Advancement of Science, American Socicty Biological Chemists. Society Normal and Pathological Physiology Pathological Society; member of American Committee to International Congress of Alimentary Hygiene, Brussels 1910; member of American Committee, Eighth International Congress of Applied Chemistry, New York 1912. In addition he is a member of Sigma Xi Honorary Scientific Fraternity, Phi Lambda Upsilon and Alpha Chi Sigma Honorary Chemical Fraternities.

## ช̛tilliam ftl. Sweet, fly.

 OCTOR SWEET received his education in the public schools of Philaadelphia and graduated from Jefferson Medical College in 1886. After serving as Resident in the Jefferson Hospital, Doctor Sweet traveled abroad, visiting and working in the most noted hospitals of Vienna, Berlin and Paris. He returned to Philadelphia, entered private practice and became affiliated with the Jefferson Hospital, with which institution he has since been continuously connected. He was first, assistant in the Out-Patient Ophthalmologist Department, Assistant Ophthalmologist anä then Ophthalmologist to the institution. He is Ophthalmologist to the Polyclinic Hospital, Professor of Ophthalmology of that institution, a member of the staff of Wills' Eye Hospital and secretary of the Association of American Ophthalmologists. Professoor Sweet is widely known as a voluminous contributor to Ophthalmological literature and as a teacher of unusual ability. He is recognized in this country and abroad for his original investigations in the localization of foreign bodies in the eye by means of X-Rays, for which purpose he devised localizing instruments now in universal use.

## Tye $32 \mathfrak{l w}$ ftluseum



CHANGE, which our class was not able to make use of but which will greatly facilitate the work of succeeding classes, has been made in the two-story room, formerly the dissecting room on the fifth floor of the College building, during the past year. The room has been converted into a Teaching Museum where the students may go, during their spare moments, to study under the guidance of the curator. The museum will be in charge of Dr . Wm. M. L. Coplin, who will serve as director of the museum.

On the flcor twelve (12) steel cases have been arranged around the room with space between each case and the wall ; and eight ( 8 ) double desk cases occupy the center of the room. A room for the preparation of specimens and a refrigerating plant with a glass compartment, in which fresh specimens will be placed on exhibition, occupies the west side of the room. Upon the gallery encircling the room dust-proof cases are placed along all sides of this light-well so that the specimens will be well illuminated. On the west side of the gallery is a room where photographs of specimens and photomicrographs of sections may be made. Taken in its entirety this museum will resemble to a certain degree those seen in the great schools of Berlin, London and Edinburgh.

The museum will contain the pathological specimens that are now stored in the morbid anatomy room, the great collections donated to the college by Gross, Parvin, Da Costa and others, and such exhibits that will make easy the understanding of textbook descriptions that the student has read.


The Daniel Baugh Institute of Anatomy

# ... $\quad$ faculty + 

Associate 3professors

## Assistant 羽rofessors

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## evitorial Staff

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School. Deciced to take the five-year course at the last moment. Persendi Edior, ROHEERT LL ALLEN, Pennsylyamia
"If you would be rid of a bore, lend
him money. a Jitor JACOB WN NLKKR, Remnglvamio
-Anon
Fissorant art Eatror, W.M. E. MClLVAINE, N. J.

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## －A゚ロTROMG『FINISH －CLASS．OF－1913－




## Niputmit (6. Alleharh

Green Lane, Pa.
Age 25 years. Height 5 ft . 10 in . Weight 155 lbs . B 1888 "P. D."

Entered Jefferson in the fall of 1909 after gleaning much knowledge at Perkiomen Seminary.
"He is of a very melancholy disposition."

## Ranter Tunis Allen

New Castle, Pa
Age 24 years. Height $5 \mathrm{ft} .113 / 4 \mathrm{in}$. Weight 152 lbs Aron Ag 9 "Bob."

Fraternity: Phi Rho Sigma.
Societies: Keen Surgical Society; Horwitz Surgical Society.

Born in New Castle and graduated from the local High School. Entered Jefferson in the fall of 1909. Personal editor of the Class Book.
"I have bought golden opinions from all sorts of people."

## Died 11-26-53-Age 64 <br> coronary.




## 



Age 25 years. Height 5 ft .10 in . Weight 145 lbs . Fraternity: Delta Omega Alpha.
Societies: Academy; Southern Club.
Entered Jefferson in the fall of 1911 from Tulane.
"A very gentle man and of good conscience."

## 

Collingswood, N. J.
Age 25 years. Height $5 \mathrm{ft} .7^{1 / 2} \mathrm{in}$. Weight 150 lbs . 1888 "Ballic."
Entered Jefferson in the fall of 1909. Graduate of the Philadelphia College of Pharmacy.
"Nature hath framed him so as to make women false."

## Died 7-18-46-age 58 Heart attack




## Altrort 7 Filmure Tiprk

Philadelphia, Pa .
Age 22 years. Height 5 ft . $113 / 4 \mathrm{in}$. Weight 155 lbs .
Entered Jefferson in the fall of 1909 after graduating from the Philadelphia Central High School with the degree of A.B.
"Three stories high, long, dull and cold."


## 

Lewes, Delaware
Age 22 years. Height 5 ft .8 in . Weight ${ }_{134} \mathrm{lbs}$.
Fraternity: Phi Beta Pi.
Society: Hare Medical Society.
Entered Jefferson in the fall of 1909. Born in Lewes, where he graduated from the local High School. Treasurer of the Hare Medical Society.
". A Pharisee is known for his much speaking. Beebe is no Pharisee."



## 

Philadelphia, Pa.
Age 22 years. Height 5 ft .5 in . Weight 124 lbs . "Sarah."

Society: Aesculapius Medical Society.
Entered Jefferson in the fall of 1909. Born in Philadelphia, where he graduated from the Central High School with the degree of A.B.

```
"No relation to the Divine Sarah,"
```


## 

## Pom

Age 26 years. Height 5 ft .8 in . Weight 135 lbs . Entered Jefferson in the fall of 1909. Graduate of the Southern Normal School, Bowling Green, Ky.
"Unhand me, gentlemen!
By Heaven I'll make a ghost of him that lifts me."



## 

Bolin
St. Albans, Vermont
Age 25 years. Height 6 ft . Weight 168 lbs . Society: Wilson Medical Society.
Entered Jefferson in the fall of 191I. Studied medicine for two years at the University of Vermont.
"His fair large front and eyc sublime declar'd absolute rule."

## Dad 5-2-61-Age73-Cornosy.



## Bem

Age 28 years. Height $5 \mathrm{ft} .6 \mathrm{t} / 2 \mathrm{in}$. Weight 125 lbs . "Воппе."

Entered Jefferson in the fall of 1909. Graduate of the Philadelphia College of Pharmacy with the degrees of P.D. and Ph.C.
"A zero with the rim torn off."



## Anthony 3 lillian Braun

## Bon

## 888

Fairfield, Vt.
Age 25 years. Height 5 ft . H in. Weight 170 lbs .
Society: Wilson Medical Society.
Entered Jefferson in the fall of 1911. Studied medicine for two years at the University of Vermont.
"One that excels the quirks of blazoning pens."
Deed 8-3-57-age 69

## Tiaralì harris Thrum

## Bonn

New London, Conn.
Age 24 years. Height 5 ft . 10 in . Weight 160 lbs .
Fraternity: Alpha Omega Alpha.
Society: W. W. Keen Surgical Society.
Entered Jefferson in the fall of 1909 . Received preliminary education at the Norwich Academy. Secretary and Treasurer of the class the Sophomore year; Associate Editor of the Class Book. Voted the most popular man in the Senior class.
"Those who know him best praise him most."



## 

Oxford, North Carolina
Age 21 years. Height 5 ft .7 in . Weight 138 lbs .
"Buck,"
Fntered Jefferson in the fall of 1911. Attended Wake Forrest College, where he received the degree of B.S. A real Southern gentleman.
"We never knew so young a body with so old a head."

## 

Petersburg, Pa
Age 22 years. Height 5 ft .9 in . Weight 135 lbs . " $G$. G."

Fraternity: Phi Alpha Sigma.
Society: Spitzka Anatomical League.
Received preliminary education at Pennsylvania State College. Entered Jefferson in the fall of 1909. Business Manager of Class Book.

> "Leader of the moustache crewe."



## TRaynum̀ TFloyì 羽illian © Counhtrll

Philadelphia, Pa.
Age 25 years. Height 5 ft .7 in . Weight 168 lbs
Fraternities: Kappa Psi; Theta Nu Epsilon.
Society: J. C. Wilson Medical Society.
Entered Jefferson from St. Joseph's College and has helped to make things hum for four years. VicePresident of Wilson Society.
"They say the good die young-Ray is still with us."

## Tirlatù (brautr Chase

East Fairfield, Vt.
Age 24 years. Height 5 ft . 10 in . Weight 160 lbs .
Fraternity: Phi Chi.
Society: J. C. Wilson Medical Society.
Entered Jefferson in the fall of 1911 from University of Vermont, where he completed the first two years.
"He toils not, neither does he spin."



## Euఝrue 椟ankin $\mathfrak{C}$ arke

Asheville, N. C.
Age 25 years. Height $5 \mathrm{ft} .101 / 2 \mathrm{in}$. Weight 170 lbs .
"Gene."
Fraternities: Beta Theta Pi; Phi Chi.
Societies: Wilson Medical Society ; Dercum Neurological Society.

Entered Jefferson in the fall of 1911 from the University of North Carolina. Secretary of the Dercum Neurological Society.
"His reasons are as two grains of, wheat hid in two bushels of chaff."

## 

Lyndonville, Vt.
Age 24 years. Height 5 ft .10 in . Weight 130 lbs .
Fraternities: Phi Kappa Psi; Gamma Gamma.
Entered Jefferson in the fall of 1909 from Amherst College.
"'Tis pride, rank pride, and haughtiness of soul."



## 

Wiconisco, Pa.
Age 27 years. Height 5 ft .8 in . Weight 155 lbs .
"Hamlet."
Fraternity: Kappa Psi.
Societies: Keen Surgical; Hare Medical; Dercum Neurological.

Started with the intention of being a mixer of drugs instead of a dispenser. Took first year of medicine at University of West Virginia. Entered Jefferson in the fall of 1910 . Vice-President of Dercum Neurological Society.
"He is a wise man, therefore he sayeth little."

## 

South Hatfield, Pa.
Age 25 years. Height 5 ft . II in. Weight 166 lbs .
"Dutch."
Society: Davis Obstetrical Society.
Graduated from Lansdale High School, class of '05. Entered Jefferson from Ursinus College, where he spent three years in Sciences. Member of Executive Committee.
"Care to our coffin adds a nail, no doubt: And every grin, so merry drazes one out."



## Ex̀min 撸. © $\mathfrak{C}$ nuara

Philadelphia, Pa.
Age 26 years. Height 5 ft . 11 in . Weight 150 lbs .
"Fishtown."
Fraternity: Theta Nu Epsilon.
Societies: Coplin Pathological; Spitzka Anatomic; Dercum Neurological.

Graduated from High School and took up engineering work. Two years of college work in University of Pennsylvania, after which he entered Jefferson.
"He hath a soul as dull as a pitcher."

## 

Wilkes-Barre, Pa.
Age 25 years. Height 5 ft .9 in . Weight 165 lbs .

> "Jack."

Fraternity: Nu Sigma Nu.
Societies: Coplin Pathological; Keen Surgical.
Entered in the fall of 1909 and has since that time become expert at dodging matches before lectures. President of the Coplin Pathological Society.

> "Titles of honor add not to his worth Who is an honor to his title."



## 

Detroit, Mich.
Age 23 years. Height $5 \mathrm{ft} .81 / 2 \mathrm{in}$. Weight 140 lbs .
Fraternity: Phi Beta Pi.
Society: H. A. Hare Medical.
Entered Jefferson in the fall of 1911 from Detroit Medical College.
"Good wine needs no aging."

## 

Harrisburg, Pa
Age 25 years. Height 5 ft . 10 in . Weight 13 I lbs. "Cotton."
Fraternity: Phi Chi.
Society: H. A. Hare Medical.
Entered Jefferson in the fall of 1909 from the Philadelphia College of Pharmacy.
"He speaks an infinite deal of nothing."



## 

Philadelphia, Pa.
Age 22 years. Height 6 ft . Weight 172 lbs . "Jack."

Fraternities: Nu Sigma Nu; Alpha Omega Alpha. Society: Keen Surgical.

Entered in the fall of 1909 from Friends' Central High School. Class Prophet.
"Even his failings leaned to virtue's side."

## Thnaquarte 解. 目anis

Bowling Green, Ky.
Age 22 years. Height 5 ft . N in. Weight 155 lbs .
"Bones"
Fraternity: Phi Beta Pi.
Society: H. A. Hare Medical.
Entered in the fall of 1909 from State Normal School at Bowling Green, Ky. President of H. A. Hare Medical Society.
"A noticeable man with large, dark eyes."



# Enuarì Jusrph Prgnan 

Southington, Conn.
Age 27 years. Height 5 ft .8 in . Weight 160 lbs .
"Deg."

Received preliminary education at St. Charles' College. First two years in medicine at Medico-Chirurgical College, Philadelphia, and entered Jefferson in the fall of 1911 .
"His words all cars took captive."

## 

Independence, Mo.
Age 25 years. Height 5 ft .10 in . Weight 154 lbs .
"Rcd." "Jim."

Fraternity: Theta Nu Epsilon.
Entered Jefferson in the fall of 1911 from the University of Pittsburgh, where he spent the first two years of his medical course.
"Eternal sunshine settles on his head."



## 

Uniontown. Pa
Age 25 years. Height 5 ft .10 in . Weight 135 lbs .
"Pat."
Fraternity: Phi Chi.
Societies: H. A. Hare Medical; Dercum Neurological.

Entered Jefferson in the fall of 1909 from Union town High Scnool.
"Then he wovld talk-ye gods how he would talk."

## 

Riverhead, Long Island
Age 23 years. Height $5 \mathrm{ft} .61 / 2 \mathrm{in}$. Weight 150 lbs .

> "Ross."

Fraternity: Alpha Kappa Kappa.
Entered Jefferson in Senior year from Yale Medical College, and within a week had started to act as section demonstrator and to rate the Faculty according to ability.
"I an the oracle,
When I open my lips let no dog bark."



## Alfrrì Struen Guylv

Scranton, Pa.
Age 34 years. Height 5 ft .6 in . Weight 156 lbs .
"Bishop."
Entered Jefferson as a Freshman. Has never been known to crack a joke since joining our illustrious ranks.

> "Oh Sage! Truly thou art zvise."

## Bauiul fliller Arut

Lenhartsville. Pa.
Age 24 years. Height 5 ft . Io in. Weight 140 lbs .

> "Dave."

Fraternity: Nu Sigma Nu.
Societies: Spitzka Anatomical; Coplin Pathological; Keen Surgical.

Entered in the fall of 1909. Spent the earlier years in the gentle art of school teaching. Assistant in Histolozical Laboratory, Fresinman year; Pathological Laboratory, Sophomore year, and Bacteriological Laboratory, Junior year.
"He is so intoxicated with his own opinions that he always follows them."



## Tinarare (Garfieln Bimhant

Dover, N. J. Age years. Height ft . in. Weight lbs Fraternities: Nu Sigma Nu; Alpha Omega Alpha. Societies: Spitzka Anatomical; Keen Surgical.
Entered Jefferson in the fall of 1009. Receivea the Spitzka Anatomical League Gold Medal, Sophomore year. President of Keen Surgical Society.
"He was a man take him for all and all,, We shall not look upon his like again."

## TKarl Bran Figleu. 召.

Lima, Ohio
Age 25 years. Height 5 ft .5 in . Weight 135 lbs . "Phig."
Fraternities: Phi Delta Theta; Alpha Omega Alpha.

Society: Coplin Pathological.
Entered in the fall of 1909 from Ohio Wesleyan University. ade 22 yoo.
"Young in limbs, in judgment old."



## Janh Tharrisum 7 Fishpr

Ashland, Pa.
Age 24 years. Height 5 ft .10 in . Weight 170 lbs .
"Fish."
Fraternity: Fhi Chi.
Societies: Dercum Neurological; Wilscn Medical.
Entered in the fall of 1909, and for the space of four years has had delusions that he is the superior of Caruso. Class Presentation Orator.
"A loud and echoing voice and such a tongue as I an glad I have not."

## 

Philadelphia, Pa
Age 20 years. Height 5 ft . 11 in . Weight 176 lbs . "Jack." "J. B."
Fraternity: Pi Mu .
Societies: Coplin Pathological; Horwitz Surgical.
Entered in the fall of 1909 from St. Joseph's College, Philadelpnia. Received his preliminary educa tion at Mt. St. Vincent's College, Latrobs, Pa., and at Mt. St. Mary's, Emittsburg, Md.

[^0]


## 317lliam Ffaril

Houtzdale, Pa.
Age 26 years. Height 5 ft . 10 in . Weight 189 lbs . "Uncle."

Fraternities: Omega Upsilon Phi; Theta Nu Epsilon.

Societies: Wilson Medical; Dercum Neurological.
Entered in the fall of 1909 from Houtzdale High
School. Assistant in Histology Laboratory during Freshman and Sophomore years.
"Has an air of perpetual apology for the unpardonable presumption of being in the world."

## 7freitrith © Clarente 3 frrel

Trenton, Tenn.
Age 23 years. Height $5 \mathrm{ft} .9^{1 / 2} \mathrm{in}$. Weight 149 lbs .

> "Fritz."

Entered in the fall of 1911 from Vanderbilt University, and at once formed a partnership with Roberts and shows signs of distress if separated for a brief period from his affinity.
"A nothing surrounded by a halo."



## flax 蜣unulìs Gahrin

Hazleton, Pa.
Age 28 years. Height 5 ft .3 in . Weight 129 lbs .
"Max."

Fraternity: Phi Rho Sigma.
Societies: Spitzka Anatomical; Davis Obstetrical; Keen Surgical.

Entered in the fall of 1909 from Hazleton High School. Director of College Orchestra. Member of Business Committee of Class Book.
"And who is there by anxious thought can add to his stature one cubit?"

## Jantrs 强hures (barbrr, A. Ti.

Demopolis, Ala.
Age 24 years. Height 5 ft .8 in . Weight 125 lbs . "Romeo."

Societies: Keen Surgical; Dercum Neurological; Southern Club.

Entered in the fall of 1909 from Spring Hill College and has devoted all his spare moments to the growth of Cretin moustaches.
"He is the porcelain clay of human kind."



## © 1 armur sumu (barintr

Pine Valley, Utah
Age 29 years. Height 5 ft . $113 / 4 \mathrm{in}$. Weight $1_{52} \mathrm{lbs}$.

> "Pop."

Fraternity: Alpha Omega Alpha,
Society: Spitzka Anatomical League.
Entered in the fall of 1909 from Brigham Young University, and by his fatherly actions to the ligitminded members of the class won the above title.
"On his clear visage middle age Has slightly pressed its signet sage."

## Halter Shernan Garrisnt

Cedarville, N. J.
Age 24 years. Height 5 ft .9 in . Weight 152 lbs . "Garry."
Fraternity: Phi Beta Pi.
Entered in the fall of 1909 from Swarthmore College.
"Mark the perfect man and behold the upright."



## Thtrgess Allan (bibsun

Washingtonville. Pa.
Age 24 years. Height 5 ft .8 in . Weight 160 lbs . "Gibby."
Societies: Davis Obstetrical ; Dercum Neurological.

Entered in the fall of 1900 from Bucknell University and has established a record for least possible attendance at lectures.
"He dropped into school once in a while."

## Alamza 3ึric (bndarı

Dodge City, Kan.
Age 31 years. Height 5 ft .5 in . Weight 117 lbs . "Godd."

Entered the Junior Class in the fall of 1911 from Kansas City Medical College and has devoted his Senior year to discover an infallible hair restorer.
"Thyroid extract was unknozn in those days."



## 面iram (6myalpz

Bayamon, Porto Rica
Age 23 years. Height 5 ft .8 in . Weight 140 lbs
Entered in the fall of 1909 from San Juan Central High School.
"Nuf sed."

## Antus (Gnttarhall

Harrisburg, Pa.
Age 24 years. Height $5 \mathrm{ft} .7^{1 / 2} \mathrm{in}$. Weight 160 lbs .
Fraternity: (?)
Entered Jefferson in the fall of 1909. Graduate of the Harrisburg High School.
"And the loud laugh that spoke the vacant mind."



## Sinnumis. (breruhaum

Philadelphıa, Pa.
Age 23 years. Height 5 ft .5 in . Weight 150 lbs . "Siggie."
Society: Aesculapius Medical Society.
Entered in the fall of 1909 after completing course in Philadelphia Central High School.
"But still his tongue ran on, the less Of weight it bore with greater ease."

## 猃illiant Eimarı Graus

Johnstown, Pa.
Age 24 years. Height $5 \mathrm{ft}, 101 / 2 \mathrm{in}$. Weight 150 lbs . "Bill."

Fraternities: Phi Chi; Alpha Omega Alpha.
Entered in the fall of 1909 from Johnstown High School, and has frowned on all frivolous deeds for four years.
"For I am nothing if not critical."



## 

McArthur, Uhio
Age 27 years. Height 5 ft . It in. Weight 240 lbs . "Skinny." "Big One."
Societies: Ptolmey; Wilson Medical; Davis Obstetrical.

Entered in the fall of 1911 from Ohio Northern University.
"I will have around me none but men who are fat."

## 

Youngstown, Ohio
Age 21 years. Height 5 ft .10 in . Weight 164 lbs .
"Topsy."
Fraternity: Omega Upsilon Phi.
Societies: Spitzka Anatomical League; Coplin Pathological ; Hare Medical.

Entered in the fall of 1909 from Rayen High School. Vice-President of Hare Medical Society. "He is a proper man's picture."



## Gatat Einumu Thaskett

Oklahoma City, Okla.
Age 25 years. Height 5 ft .5 in . Weight 178 lbs .
"Paul."
Fraternities: Phi Alpha Sigma; Alpha Omega Alpha; Theta Nu Epsilon.
Societies: Wilson Medical; Dercum Neurological.

Entered in the fall of 1909 from University of Il'inois. President of Dercum Neurological Society.
"During the Junior year he discovered the cause of hay fever."

## (5xu © © Tayunaù

Birney, Mont.
Age 25 years. Height $6 \mathrm{ft}, 1^{1} / 2 \mathrm{in}$. Weight 175 lbs .
Society: Horwitz Surgical.
Entered the beginning of the Senior year from Iowa State University.
"Resorts to his memory for his jokes, and to his
imagination for his facts."



## Alman © 1 yrus Tasazlett <br> Kingston, Pa .

Age 22 years. Height 5 ft .8 in . Weight 140 lbs . "Haz."
Fraternity: Phi Beta Pi.
Society: Hare Medical.
Entered in the fall of 1909 from Wilkes-Barre High School.
"A proper man as anyone shall see in a summer's day."

## Carltun Karllugy 解paly

 Milford, Conn.Age 23 years. Height 5 ft . $11^{1 / 2} \mathrm{in}$. Weight 174 lbs .

> "Phil."

Society: Dercum Neurological.
Entered in the fall of 1909 from Hopkins Preparatory. School. Treasurer of Dercum Neurological Society.
"He talks for his own benefit."



## 

Glenside, Pa .
Age 27 years. Height 5 ft .6 in . Weight 130 lbs .
Entered in the fall of 1907 and completed the first three and then dropped out, re-entering in the fall of 1912 .
"It has been rumored that Heist is in college this year, but no one has seen him."

## Tina Tipuler

Philadelphia, Pa .
Age 22 years. Height 5 ft . 10 in . Weight 145 lbs . "Sphinx."
Entered in the fall of 1909 from Pasadena High School, and on rare occasions has been known to respond in more than a monosyllable.
"Why should a man whose blood is warm within him, Sit like his grandsire cut in alabaster?"



## 

Blackwood, N. J.
Age 25 years. Height 5 ft .11 in . Weight 140 lbs . "Jersey."
Fraternity: Nu Sigma Nu .
Societies: Coplin Pathological; Keen Surgical.
Entered in the fall of 1909 from the University of Pennsylvania. Treasurer of the Keen Surgical Society.
"A man after his own heart."

## 

Philadelphia, Pa.
Age 22 years. Height $5 \mathrm{ft} .5^{1 / 2} \mathrm{in}$. Weight 160 lbs .

> "Johu,"

Fraternity: Sigma Phi Epsilon.
Society: Dercum Neurological.
Entered in the fall of 1909 from Central High School. Succumbed to the wiles of Dan Cupid during the Senior year.
"A young man married is a man that's marr'd."



## Eliah TKaplan

New Castle, Pa.
Age 28 years. Height 5 ft .7 in . Weight 145 lbs .
"Eli,"

Society: Aesculapius Medical.
Entered in the fall of 1909 from New Castle Hign School and has been one of the model students of the class.
"I thus neglecting worldly ends all dedicated To closeness, and the bettering of my mind."

## 

Ashland, Pa.
Age 24 years. Height 5 ft .7 in . Weight 130 lbs . "Kes."
Fraternity: Phi Chi.
Society: Hare Medical.
Entered in the fall of 1909 from the Pharmaceutical Department of Medico-Chirurgical College.
". And when he is out of sight., quickly also is the out of mind."



## Thrinsfirlit King

Fort Necessity, Ky.
Age 26 years. Height 5 ft .11 in . Weight 165 lbs .
Fraternity: Phi Kappa Psi.
Entered Jefferson in the fall of 1911 after having studied medicine for two years at the University of Mississippi.
"None but himself can be his parallel."

## Hirnil (5ilutry Kinutairy

## 18070 1891 Lancaster, Ky.

 Age 22 years. Height 6 ft . Weight 148 lbs .Fraternities: Alpha Kappa Kappa; Phi Delta Theta.

Societies: Hare Medical; Keen Surgical; Horwitz Surgical and Southern Club.
Entered Jefferson his Junior year, from the University of Louisville. Secretary Hare Society, VicePresident Horwitz Society, Treasurer of Southern Club.
"The noblest mind the best contentment has."



## 

Fort Smith, Ark.
Age 24 years.
Height 6 ft . Weight ${ }_{158} \mathrm{lbs}$. "Klingic."

Fraternities: Alpha Kappa Kappa; Theta Nu Epsilon; Sigma Chi.

Society: Southern Club.
Entered Jefferson in the fall of 1909, coming from the University of Arkansas. Vice-President of the Sot:thern Club.
"From the crown of his head to the sole of his foot he is all mirth."

## 

Mt. Carmel, Pa.
Age 21 years. Height 5 ft .6 in . Weight 127 lbs .
"Blink."
Fraternity: Phi Chi.
Society: Hare Medical Society.
Entered Jefferson his Freshman year, after graduating from the Mount Carmel High School.
"The little too wise, they say, do ne'er live long."



## 细alter TRaymunu Thrauss

Philadelphia, Pa.
Age 24 years. Height 5 ft .7 in . Weight 168 lbs .
Societies: Coplin Pathological Society; Davis Obstetrical Society; Spitzka Anatomic League.

Entered Jefferson in the fall of 1909. Received preliminary education at Girard College and Brown Preparatory School.
"A man of fez words and a good student."

## 不luin 7II. Thrith

Minersville, Pa.
Age 24 years. Height 5 ft .9 in . Weight 160 lbs .
Societies: Keen Surgical; Horwitz Surgical; Davis Obstetrical; Coplin Pathological and Spitzka Anatomic.

Entered Jefferson in the fall of 1907, withdrew for two years and re-entered our Junior year. Graduate of the Minersville High School.
"Not oft to smile descendeth he."



## 

Womelsdorf, Pa
Age 23 years. Height 5 ft . 10 in . Weight 165 lbs
"Livi."

Fraternities: Phi Alpha Sigma; Phi Kappa Psi ; Alpha Omega Alpha; Gamma Gamma.

Societies: Wilson Medical; Horwitz Surgical.
Entered Jefferson in the fall of 1909 , after having graduated from Franklin and Marshall College with the degree of Bachelor of Philosophy. Editor-inchief of the Class Book.

> "He cast o'er erring deeds and thoughts a heavenly hue of words, like sunbeams dazzling as they passed."

## Ifrautis Cfarrall Thurll

## Lancaster, Pa

Age 29 years. Height 5 ft .6 in . Weight 170 lbs . "C."
Fraternities: Omega Upsilon Phi; Theta Nu Epsilon.

Societies: Coplin Pathological; Wilson Medical.
Entered in the fall of 1909 from Villanova College. Secretary of Junior Class, President Senior Class.
"A man, mere man, dre'st in a little brief authority."



## 

Lancaster, Pa.
Age 26 years. Height 5 ft .8 in . Weight 177 lbs .
"P."
Fraternities: Omega Upsilon Phi; Chi Phi; Theta Nu Epsilon.
Societies: Wilson Medical; Academy.
Entered Jefferson in fall of 1909. Graduated from Franklin and Marshall College with the degree of Bachelor of Arts. Has become quite an adept at making himself comfortable on very uncomfortable benches.
"He is of such stuff as dreams are made of and his life is rounded out with sleep."

## 

Houston, Texas
Age years. Height ft. in. Weight lbs.
Fraternities: Alpha Tau Omega; Gamma Gamma; Theta Nu Epsilon; Alpha Omega Alpha.

Societies: Keen Surgical; Coplin Pathological ; Academy.

Entered Jefferson in the fall of 1909. Graduate of the University of the South, with the degree of Bachelor of Arts. Was awarded the Physiology prize in 191 I.
"Tho' modest, on his unembarrs'd brow Nature hath printed Gentleman."



## 

Gloster, Miss.
Age 25 years. Height 5 ft . II in. Weight 155 lbs . "Ulrich."
Fraternities: Phi Alpha Sigma; Kappa Alpha. Society: Southern Club.
Entered Jefferson in the fall of 1911, coming from the University of Mississippi and at once impressed us by his resemblance to an instructor of ours who thinks the Roosevelt idea a good one.
"Why do they call me Dr. Ulrich?"

## 

Mooresville, N. C.
Age 25 years. Height 5 ft .8 in . Weight 165 lbs . "Mack."
Fraternity: Omega Upsilon Phi.
Societies: Wilson Medical; Coplin Pathological; Southern Club.

Entered Jefferson in the fatal year of 1909, coming from Davidson College, and has ever been recognized as a good fellow. Secretary J. C. Wilson Medical Society.

> "Strictly business."



## 

Mt. Carmel, Pa.
Age 22 years. Height $5 \mathrm{ft} .9^{1 / 2} \mathrm{in}$. Weight 156 lbs . "Mack."
Fraternity: Phi Chi.
Society: Dercum.
Also one of the originals of our band who entered Jefferson in 1909.
"Hopes thirteen is a lucky number."

## 

## St. George, Utah

Age 31 years. Height $5 \mathrm{ft}, 8 \mathrm{in}$. Weight 145 lbs . "Mack."

Society: Hare Medical.
Entered Jefferson in the fall of 1910. Studied Medicine formerly at the University of Utah.
"Men of few words are the best men."



## 門illiam Mirùn farghall

Lewes, Delaware
Age 21 years. Height 5 ft .9 in . Weight 150 lbs . "Bill."

Fraternity: Phi Beta Pi.
Society: Hare Medical.
Entered Jefferson in the fall of 1909, coming from Lewes High School. Has always been a worthy member of our happy family.
"Nothing ill can druell in such a temple."

## 

Pottstown, Pa.
Age 25 years. Height 5 ft .6 in . Weight 149 lbs .
Fraternity: Phi Chi.
Societies: Spitzka Anatomical; Coplin Pathological; Hare Medical.

Entered Jefferson in that year of years, 1909 Graduated from the Philadelphia College of Pharmacy with the degree of Doctor of Pharmacy.
"The mirror of all courtesy."



## Thutis Tisuru flayer, 7r.

Johnstown, Pa.
Age 23 years. Height $5 \mathrm{ft} .7^{1 / 4} \mathrm{in}$. Weight ${ }_{150} \mathrm{lbs}$
"Heine."
Fraternity: Alpha Kappa Kappa.
Society: Horwitz Surgical.
Entered Jefferson in 1909, coming from the Cheltenham Military Academy. With Palmer has given a fine example of Damon and Pythias.

> "I would applaud thee to the very echo That should applaud again."

## Tararry Teningtan flirryiad

Palatka, Florida
Age 28 years. Height 5 ft .11 in . Weight 140 lbs .

> "Merry."

Fraternities: Alpha Kappa Kappa; Pi Kappa Alpha.

Societies: Horwitz Surgical; Southern Club.
Received his preliminary education at Kentucky University. Entered Jefferson in the Junior year from Vanderbilt University.
"Honesty needs no disguise nor ornament."



## 

Providence, R. I,
Age 26 years. Height $5 \mathrm{ft} .7^{1 / 2} \mathrm{in}$. Weight 145 lbs .
"Dick".
Fraternities: Psi Upsilon; Gamma Gamma, Theta Nu Epsilon; Alpha Omega Alpha.

Entered in the fall of 1909 from Brown University.
"Lively and talkative,
Stor'd with the treasures of the tattling world
And with a spice of mirth, too."

## Carl ©inclait flunre

Oregon City, Oregon
Age 25 years. Height 5 ft . 10 in . Weight 160 lbs .
"C. S."

Fraternity: Theta Nu Epsilon.
Societies: Keen Surgical; Wilson Medical.
Entered in the fall of 1909 from Portland Academy.
"The very hairs on his head are numbered."



## 

Portland, Oregon
Age 25 years. Height 5 ft . 10 in . Weight ${ }_{156} \mathrm{lbs}$.
"H. B."

Fraternity: Nu Sigma Nu.
Society: Keen Surgical.
Entered in the fall of 1911 from the Medical Department of the University of Oregon.
"He has that glib and oily art
To spcak and purpose not.'

## 

Tremont, Pa.
Age 22 years. Height 5 ft .8 in . Weight 125 lbs . "Murph."

Fraternities: Phi Rho Sigma; Delta Pi.
Societies: Spitzka Anatomical; Horwitz Surgical ; Keen Surgical; Dercum Neurological; Davis Obstetrical.

Graduated from Tremont High School. Entered Jefferson in the fall of 1909 from Georgetown University. President of Davis Obstetrical Society, Assistant Personal Editor of Class Book.
"All their faults and virtues have I observed.



## ©hrn $\mathfrak{H a l l a r e}$ (1) Thrien

Port Deposit, Maryland
Age 22 years.
Height 6 ft .
Weight 158 lbs . "The slats."

Fraternity: Phi Beta Pi.
Societies: Spitzka Anatomical; Hare Medical.
Entered from Conway Hall in the fall of 1909, and for four years has been the leader of the "Before Lecture Glee Club." Vice-President of Class during Senior year.
"His very foot had music in't As he came up the stairs."

## Harren ©hnmas (1)'徝ara

Ebensburg. Pa.
Age 24 years. Height $5 \mathrm{ft} .81 / 2 \mathrm{in}$. Weight 150 lbs . "Bounce."

Fraternities: Phi Beta Pi; Pi Lambda.
Society: Hare Medical.
Entered in the fall of 1909 from Mount Saint
Mary's College. Received preliminary education in Ebensburg High School.
"The lion among ladies is a most dreadful thing."



## 

Pottsville, Pa.
Age 23 years. Height 5 ft . 10 in . Weight 150 lbs . "Senator."
Fraternity: Alpha Kappa Kappa.
Societies: Coplin Pathological; Horwitz Surgical.
Entered in the fall of 1909 from Pottsville High School. Class Orator.
"His speech was a fine sample, on the whole Of rhetoric, which the learn'd call rigmarole."

## Nurman I. (9ntut

Atlantic City, N. J.
Age 23 years. Height 5 ft . 11 in . Weight 150 lbs .
Fraternity: Nu Sigma Nu .
Societies: Spitzka Anatomical; Keen Surgical.
Entered Jefferson in the fall of 1909 and has ever been a living exponent of what a good student should be.
"Cultivate not only the cornfields of your mind,
Bu: the pleasure-grounds also."



## 

Catawissa, Pa.
Age 27 years. Height 5 ft .11 in . Weight 167 lbs .
Society: Academy.
Graduate of Bloomsburg State Normal School. '05; student in Wesleyan University, Middletown, Conn., 'o5-o6; instructor in Biology in Bloomsburg Normal, 'o7-o8. Graduated from Arts Department University of Michigan 1910. Entered Jefferson in the Junior year from Medical Department of the University of Michigan.
"All purpose gay
Amusement, dance and song he sternly sees."

## 3F. 焰rure 强hat




## 

Age 29 years. Height 6 ft . Weight 160 lbs .
"Pop."

Fraternities: Phi Rho Sigma; Kappa Kappa.
Societies: Spitzka Anatomical; Keen Surgical.
Entered in the fall of 1909 from Clarion State Normal School. Graduated from Smithport Hizh School, 'o7. President of Spitzka League, 1910-it. President of Class during Junior year.
"With eyes severe and beard of formal cut, Full of wise sazes and modern instances."

## (1) fues Ritharisant

Louisville, Ky.
Age 22 years. Height 5 ft .9 in . Weight 165 lbs . "Rich."
Fraternity: Alpha Kappa Kappa.
Societies: Keen Surgical; Horwitz Surgical; Southern Club.
Entered in the fall of 1911 from University of Louisville. President of Horwitz Surgical Society,
Secretary of Keen Surgical Society.
"Eclipsed by his own scintillating brilliancy."



## Nathantel Emburul Zantrets

Springfield, Oregon
Age 23 years. Height 5 ft .9 in . Weight 163 lbs .
"Nate."
Society: Keen Surgical.
Entered in the fall of 1911 from the Medical Department of the University of Oregon.
"And when he is out of sight, quickly also is he out of mind.'

## Alam fatler 解mbuhnoli

Port Clinton, Pa.
Age 24 years. Height 5 ft . 10 in . Weight 160 lbs .
"Robbie."
Fraternities: Phi Alpha Sigma; Theta Nu Epsilon.

Society: Wilson Medical.
Entered in the fall of 1909 from Perkiomen Seminnary, and since that time has done his best to be rated an authority on "nursing."
, Chorus of the waiting list: "Has anybody here seen Robbic?"



## 

Warrentown, N. C.
Age 22 years. Height 5 ft .5 in . Weight 122 lbs .
Entered in the fall of 1911 from the Medical Department of Wake Forrest College, where he received the degree of B.S. in the same year.
"A man is known by the company he kecps."
N. B. He rooms with Buchanon.

## 

Nova Scotia, Canada
Age 30 years. Height $5 \mathrm{ft} .10^{1 / 2} \mathrm{in}$. Weight 188 lbs .
"Rosie."
Fraternity: Phi Rho Sigma.
Societies: Spitzka Anatomical; Keen Surgical; Horwitz Surgical; Davis Obstetrical.

Entered the class in the fall of 1909 and at once lapsed into a condition of coma as soon as lectures commenced. President of the Class during Sophomore year.
"Starred in 'Rip Van Winkle' for four years-sixteen more to sleep."



## simum 鲀arry 解nsenthal

Lynchburg．Virginia

Age 22 years．Height $5 \mathrm{ft} 91 / 2 \mathrm{in}$ ．Weight 143 lbs ． ＂Si．＂

Fraternity：Phi Delta Epsilon．
Society：Aesculapius Medical．
Entered in the Freshman year from Lynchburg High School．
＂Not＇Gyp，the Blood＇s＇friend．＂

## Thatiantu 解utry

Port Chester，N．Y．
Age 22 years．Height 5 ft ． 10 in ．Weight 189 lbs ．
＂Rube．＂
Fraternity：Zeta Beta Tau．
Society：Aesculapius Medical．
Entered in the Junior year from Bellevue Medi－ cal College．
＂Talk to him of Jacob＇s ladder and he would ask the number of steps．＂



## Alnur 执nts sate

Cackrum, Miss.
Age 23 years. Height 6 ft . Weight 150 lbs .
"Icky."
Fraternity: Phi Kappa Psi.
Society: Horwitz Surgical Society.
Entered Jefferson our Junior year, coming from the University of Mississippi. Generally conceded to be one of the real wits in our class.
"For he is a jolly good fellow."

## 3laul Eingar schuraræ

Easton, Pa.
Age 21 years. Height $5 \mathrm{ft} .10^{1 / 2} \mathrm{in}$. Weight 145 lbs .
Entered Jefferson in the fall of 1909. Graduate of Easton High School.
"His brow is like the deep when tempest toss'd."



## 7. 理illiam stane

Seattle, Wash.
Age 26 years. Heizht $5 \mathrm{ft} .101 / 4 \mathrm{in}$. Weight 146 lbs . "Bill."

Fraternities: Phi Alpha Sigma; Sigma Chi.
Societies: Spitzka Anatomical; Coplin Pathological.

Entered Jefferson in the fall of 1909 , coming from the University of California.
"We wonder what relation he is to Job."

## (brargr \{Raùnlut sturm

Brookhaven, Miss.
Age 23 years. Height 5 ft .9 in . Weight 135 lbs. "Archie."

Fraternities: Phi Alpha Sigma; Phi Delta Theta,
Society: Southern Club.
Entered Jefferson our Junior year, coming from the University of Mississippi.
"His manners belie the name."



# Iames (baritur strirklaù 

Shamokin, Pa
Age 25 years. Height 5 ft . 10 in . Weight 140 lbs . "Jim."
Fraternity: Omega Upsilon Phi.
Society: J. C. Wilson Medical Society.
Entered Jefferson in the fall of 1909. Graduate of the Shamokin High School. President of the J. C. Wilson Medical Society.
"Thou art a felloze of good respect."

## Inseph Authuny ©rmprgtn

Philadelphia, Pa.
Age 22 years. Height 5 ft .7 in . Weight 140 lbs . "Jasper."
Entered Jefferson in the fall of 1909. Graduate of the Roman Catholic High School, receiving the degree of Bachelor of Arts from that institution.
"The world knows mothing of its greatest man."



Mooresville, N. C.
Age 25 years. Height 5 ft .10 in . Weight 135 lbs .
Fraternity: Omega Upsilon Phi.
Societies: Southern Club; Academy.
Entered Jefferson in the fall of 1909. Graduate of Davidson College, North Carolina, receiving the degree of Bachelor of Science from that institution. President of the Academy. Secretary of the Southern Club.
"Thy modesty is a candle to thy merits."

## Thartan Kathrart ©hmaas

Pottstown, Pa.
Age 25 years. Height $5 \mathrm{ft} .73 / 4 \mathrm{in}$. Weight 135 lbs .
"Tommy."
Fraternity: Nu Sigma Nu.
Dental Department of Vanderbilt University. ical; Spitzka Anatomical.

Entered Jefferson in the fall of 1909. Graduate of the Pottstown High School. Secretary of the Coplin Patnological Society.

> "Lord of himself, though not of lands And having nothing, yet hath all."



## 

Selinsgrove, Pa .
Age 2I years. Height 5 ft . 11 in . Weight ${ }_{150} \mathrm{lbs}$. "Tommy."
Fraternity: Phi Rho Sigma.
Society: Academy.
Entered Jefferson in the fall of 1909. Graduate Susquehanna University, receiving the degree of Bachelor of Science.
"Rare compound of oddity, frolic and fun Who relished a joke and rejoiced in a pun."

## 7frrin A. Uhygell

Hawley, Minn.

Age -22 years. Height 5 ft .7 in . Weight 148 lbs . Fraternity: Alpha Omega Alpha, Honorary.
Society: Hare Medical Society.
Entered Jefferson in the fall of 1909. Graduate of the Hawley High School. Received the chemistry prize after having completed his chemical course at Jefferson.
"Whence is thy learning? Hath thy toil. O'er books consumed the midnight oil?"



## © harles 䜣illis ©ituhall

Independence, Iowa.
Age 25 years. Height 5 ft .5 in . Weight 145 lbs "Tid."

Entered Jefferson in the fall of 1909. Received preliminary education in the Upper Iowa University.
"The meek shall inherit the earth."

## 7. 解murar ©nrrours, Inr.

Indiana, Pa.
Age 25 years. Height 5 ft .7 in . Weight 145 lbs . "Doc."

Fraternity: Phi Kappa Psi.
Society: Coplin Pathological Society.
Entered Jefferson in the fall of 1909, coming from Washington and Jefferson University.
". A good fellow, in the true sense of the word."



## Fimarn A. Urrary

Philadelphia, Pa.
Age 28 years. Height 5 ft . 10 in . Weight 182 lbs . "Trace."
Fraternities: Phi Alpha Sigma; Theta Nu Epsilon.
Societies: Davis Obstetrical; Horwitz Surgical; Dercum Neurological.

Entered Jefferson in the fall of 1909. Graduate of Brown Preparatory School. Secretary of the Davis Obstetrical Society.
"Nothing will come of nothing."

## TKinurth ©uttle, A. $\mathbf{T B}^{2}$.

Plattsburgh, N. Y.
Age 29 years. Height $5 \mathrm{ft} .7^{1 / 2} \mathrm{in}$. Weight 120 lbs .
Entered Jefferson in the fall of 1911, coming from the University of Michigan. Graduate of Harvard Class of 1905 , from which institution he received the degree of Bachelor of Arts.
"Quiet, but always present."



## Tarnh 7llalker

Philadelphia, Pa.
Age 23 years. Height 5 ft .6 in . Weight 130 lbs .
"Jimmy."
Society: Aesculapius Medical.
Entered Jefferson in the fall of 1909. Graduate of the Philadelphia Central High School. President of the Aesculapius Medical Society. Literary Editor of the Class Book.

> "Needs no boosting."

## Jant 行. Malter

Pittsburgh, Pa.
Age 25 years. Height 5 ft . 10 in . Weight 160 lbs .
"Pete."

Fraternities: Phi Gamma Delta; Theta Nu Epsilon.
Entered Jefferson our Junior year, coming from the University of Pittsburgh. Received his preliminary education at Lafayette College. Has demonstrated that Philadelphia is indeed slow in some respects.
"He was indecd the glass wherein the noble youth did dress himself."



## 

Stone Canon, California
Age 24 years. Height 5 ft . 10 in . Weight 145 lbs . "California Bill."
Fraternity: Nu Sigma Nu .
Societies: Keen Surgical; Hare Medical; Coplin Pathological.

Entered Jefferson in the fall of 1911, coming from Hahnemann Medical College, Philadelphia. Recognized his mistake before it was too late and came to Jefferson.
"A substitute shines brightly as a king Till a king be by."

## 

Pitman, N. J.
Age 23 years. Height 5 ft .4 in . Weight 125 lbs . "Waterbury."
Society: Davis Obstetrical.
Entered Jefferson in the fall of 1909. Received prelimi ary edtcation at Temple University.
"Nature hath framed strong fellows in her time,"



## Hilliam Anu IMraurr, 31 r .

Williamsport, Pa
Age 24 years. Height 5 ft .10 in . Weight 152 lbs .

> "Bill."

Fraternity: Phi Rho Sigma.
Societies: Keen Surgical; Horwitz Surgical, Spitzka Anatomical.

Entered Jefferson in the fall of 1909. Graduate of the Williamsport High School. Secretary of the Spitzka Anatomical League. Art Eiditor of Class Book.
"I dare do all that may become a man;
Who dares do more is none."

## 

Chester. Pa.
Age 24 years. Height 5 ft .5 in . Weight 145 lbs . "Doc."

Entered Jefferson our Senior year. Graduate of the Chester High School. After completing his course at Hahnemann and receiving his medical degree realized his deficiencies and came over to a real medical college.
"Refuses to recognize Dr. Thornton's definition of Homeopathy."



## 

Allentown, Pa.
Age 21 years. Height 5 ft . 10 in . Weight 163 lbs . "Dutch."
Society: Davis Obstetrical.
Entered Jefferson in the fall of 1909. Graduate of the Allentown High School. Vice-President of the Davis Obstetrical Society.
"Pleased with a rattle, tickled with a straw."

## $\mathbb{C}$ larente $\mathfrak{Z l h i t t r n t a r e}$

Lestershire, N. Y.
Age 21 years. Height 5 ft .9 in . Weight ${ }_{150} \mathrm{lbs}$. "Buster."
Fraternity: Omega Upsilon Phi.
Society: Davis Obstetrical Society.
Entered Jefferson in the fall of 1909. Graduate of the Lestershire High School. Member of the Cap and Gown Committee.
"If thou desirest to be held wise,
Be so wise as to hold thy tongue."



## 20ny Elsnn

Marion, Ohio
Age 25 years. Height 5 ft .8 in . Weight 180 lbs . "Count."

Fraternities: Nu Sigma Nu; Delta Tau Delta.
Societies: Keen Surgical: Spitzka Anatomical.
Entered Jefferson our Freshman year. President of the class our Freshman year. One of the members of the Benedicts Club.
"He zvas ever good at sudden condemnations."

## 

Pottsville, Pa.
Age 25 years. Height 5 ft .6 in . Weight $1_{55} \mathrm{lbs}$. "Dutch."

Societies: Davis Obstetrical; Wilson Medical.
Entered Jefferson in the fall of 1909. Graduate of Allentown Preparatory School. An ardent exponent for King Nicotine.
"Dutch insists that sauer kraut was not invented by the Chinese."



## Tinuis 7 II. 7 llinht

Philipsburg, Pa.
Age 21 years. Height 5 ft .6 in . Weight 142 lbs . "Luke."

Society: Aesculapius Medical Society.
Entered Jefferson in the fall of 1909. Graduate of Philipsburg High School.
"Not an aviator, but a Jefferson student."

## 

Norristown, Pa.
Age 25 years. Height $5 \mathrm{ft} .10^{1 / 2} \mathrm{in}$. Weight 168 lbs .
"Yeak."
Fraternity: Omega Upsilon Phi.
Society: Coplin Pathological.
Entered Jefferson in the fall of 1909. Graduate of the Philadelphia College of Pharmacy.
"Still zvater runs deep."



## 

Due West, S. C.
Age 29 years. Height 5 ft .11 in . Weight 155 lbs.
"Brigham."
Entered Jefferson in the fall of 1911, coming from the University of Maryland. Graduated in the Dental Department of Vanderbilt University.
"So we grew together like a double cherry, Seemingly parted."

## 

Due West, S. C.
Age 25 years. Height 6 ft . Weight ${ }_{15} 5 \mathrm{lbs}$.
Entered Jefferson in the fall of 1911 , coming from the University of Maryland. Graduate of the Scientific Department of the University of Maryland.
"We can't tell him from his brother."



## SoEt2 <br> Millikan 7. Wutaki <br> charaditeme <br> Mt. Carmel, Pa.

Boom
Age 23 years. Height $5 \mathrm{ft} .73 / 4 \mathrm{in}$. Weight 153 lbs .
"Bill."
Fraternity: Phi Chi.
Society: Dercum Neurological.
Entered Jefferson in the fall of 1909. Graduate of the Mt. Carmel High School.
"He has a face like a benediction."

#  

## 

## 

## Sanutel 和nurll Uiptim ?

Ceretrah hemonhuge
 Betoweden Lamietrenomaleak, Pononang.


## $\mathfrak{Z l n} \mathfrak{f l t e m o r i a m}$



送RANCIS J. KEYS was born at Paterson, New Jersey, on May 3 rd, 1887, and received his preliminary education at St. Joseph's Academy.

He began his medical course at the University College of Medicine, Richmond, Virginia, in 1909, and entered the Sophomore Class at Jefferson the year following.
On March 23rd, r912, he died of complications of acute appendicitis.
His father died when he was yet a boy and at an early age he became the chief source of support to his widowed mother and her six children.

By his indefatigable energy and devotion to duty he overcame the obstacles which misfortune had set in his path-only to be stricken down at the moment when his great hopes began to dawn on victory.

There was no more eager, industrious, painstaking, conscientious student in our Class.

His quick wit, his gentle courtesy, his constancy, his humility, and his splendid character made him beloved by his teachers, his fellow-students, and by all who knew him.

May God provide the well-earned rest for his noble soul.
-R. M. P.




#  

## Chapter れoll

Alpha, Bellevue University and Medical College, New York, N. Y.
Beta, University of Pennsylvania, Philadelphia, Pa.
Gamma, Medical Department, Cornell University, New York, N. Y.
Delta, Jefferson Medical College, Philadelphia, Pa.
Epsilon, University of Texas, Galveston, Tex.
Zeta, Northwestern University, Chicago, IIl.

## $\mathfrak{Z y n i} \mathfrak{A l p y a}$ Siqua $\mathfrak{y}$ raternity

## Helta Cbapter <br> Zncorporated 1899 <br> 1 fratres in 1 acultate

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1913
PAUL E. HASKETT
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EDW ARD A. TREACY

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1914
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1915
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191 F
CHARLES J. DEVLIN
JAMES L. RICHARDS
FRANK E. KOHLER
EDWARD P. HELLER
VWOIS VHdTV IH


# Alpha zappa Zappa Jfaternity 

## Cbapter ̉ioll

Alpha, Medical Department, Dartmouth College, Hanover, N. H. Beta, College of Physicians and Surgeons, San Francisco, Cal. Gamma, Tufts Medical School, Boston, Mass.
Delta, Medical Department, University of Vermont, Burlington, Vt. Epsilon, Jefferson Medical College, Philadelphia, Pa.
Zeta, Long Island College Hospital Medical School, Brooklyn, N. Y. Eta, College of Physicians and Surgeons, Chicago, Ill.
Theta, Maine Medical School, Bowdoin College, Brunswick, Me.
Iota, Medical Department, University of Syracuse, Syracusé, N. Y.
Kappa, Medical Department, Marquette University, Milwaukee, Wis.
Lambda, Medical Department, Cornell University, New York City.
Mu, Medical Department, University of Pennsylvania, Philadelphia, Pa.
Nu, Rush Medical College, Chicago, Ill.
Xi, Medical Department, Northwestern University, Chicago, Ill.
Omicron, Medical Department, University of Cincinnati, Cincinnati, O.
Pi, Starling-Ohio Medical University, Columbus, O.
Rно, Medical Department, University of Colorado, Denver, Colo.
Sigma, Medical Department, University of California, San Francisco, Cal.
Upsilon, Medical Department, University of Oregon, Portland, Ore.
Chi, Medical Department, Vanderbilt University, Nashville, Tenn.
Psi, Medical Department, University of Minnesota, Minneapolis, Minn.
Omega, University of Tennessee College of Medicine, Memphis, Tenn.
Alpha Beta, Medical Department, Tulane University, New Orleans, La.
Alpha Gamma, Medical Department, University of Georgia, Augusta, Ga.
Alpha Delta, Medical Department, McGill University, Montreal, P. Q.
Alpha Epsilon, Medical Department, University of Toronto, Toronto, Canada.
Alpha Zeta, Medical Department, George Washington University, Washington, D. C.

Alpha Eta, Yale Medical School, New Haven, Conn.
Alpha Theta, Medical Department, University of Texas, Galveston, Tex.
Alpha Iota, University of Michigan, Ann Arbor, Mich.
Alpha Kappa, University College of Medicine, Richmond, Va.
Alpha Lambda, Medical College of the State of South Carolina, Charleston, S. C.

Alpha Mu, Medical Department, St. Louis University, St. Louis, Mo.
Alpha Nu, Medical Department, University of Louisville, Louisville, Ky.
Alpha XI, Medical Department, Western Reserve University, Cleveland, O.
Alpha Omicron, University Medical College, Kansas City, Mo.
Alpha Pi, Medical Department, University of Pittsburgh, Pittsburgh, Pa.
Alpha Rho, Harvard Medical School, Cambridge, Mass.

## Alpha zappa 玉appa yfaternity

## Epsilon Chapter

## 3nstituted 3anuary 6, 1900 <br> Ifratres in 3 Facultate

JAMES C. WILSON, A.M., M.D.
W. M. L. COPLIN, M.D.
J. CHALMERS DA COSTA, M.D., LL.D. EDWARD P. DAVIS, A.M., M.D. JOHN H. GIBBON, M.D.
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1913
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H. L. MERRYDAY
R. R. GASSER
R. D. GRAHAM
E. R. GRIGG
W. M. HICKS
A. K. HQGE
S. W. JACKSON
F. B. JONES, JR.
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C. W. HUSLER
K. J, F. KURZ
A. R. BELLERUE
W. B. CRAWFORD
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J. M. JAMES
R. M. PALMER D

CLEVES RICHARDSON
J. G. WAGNER D
R. Q. DOWNS

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J. R. MORROW
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R. M. TYSON

191 I
W. W. LERMAN
R. S. MAGEE
R. B. McIVER
W. M. NICELY
J. R. TAYLOR


# 3u sigma 

## Chapter ̉ioll

Alpha. University of Michigan, Ann Arbor, Mich.
Beta. Detroit College of Medicine, Detroit, Mich.
Delta. Western University of Pennsylvania, Pittsburgh, Pa.
Epsilon. University of Minnesota, Minneapolis, Minn.
Zeta. Northwestern University, Chicago, Ill.
Eta. University of Illinois, Chicago, Ill.
Theta. University of Cincinnati, Cincinnati, Ohio.
Iota. Columbia University, New York City, N. Y.
Kappa. Rush Chicago University, Chicago, Ill.
Lambda. University of Pennsylvania, Philadelphia, Pa.
Mu. University of Syracuse, Syracuse, N. Y.
Xi. New York University and Bellevue, New York, N. Y.

Omicron. Union Medical College, Albany, N. Y.
Alpha Kappa Phi (Pi). Washington University, St. Louis, Mo.
Rho. Jefferson Medical College, Philadelphia, Pa.
Sigma. Western Reserve University, Cleveland, Ohio.
TaU. Cornell University, New York, N. Y.
Upsilon. Cooper Medical College, San Francisco, Cal.
Phi. University of California, Oakland, Cal.
Chi. University of Toronto, Toronto, Canada.
Pı Mu (Psi). University of Virginia, Charlottesville, Va.
Beta Alpha. University of Maryland, Baltimore, Md.
Beta Beta. John Hopkins University, Baltimore, Md.
I. C. I. (Beta Gamma). University of Buffalo, Buffalo, N. Y.

Beta Delta. University of Iowa, Iowa City, Iowa.
Beta Epsilon. University of Nebraska, Lincoln, Nebr.
Delta Epsilon Iota (Beta Zeta). Yale University, New Haven, Conn.
Beta Eta. University of Indiana, Bloomington, Ind.
Beta Theta. University of Kansas, Lawrence, Kan.
Beta Iota. Tulane University of Louisiana, New Orleans, La.
Beta Kappa. Harvard University, Cambridge, Mass.

## 1Foreign 䄧ureaus

Vienna. Cafe Beethoven. University Strasse, opposite General Hospital. Berlin. Alexander Hotel, Mittelstrasse, 16 and 17.

## 3u sixma

## 3nyo Chapter

establisbè 1 february 15, 1900

## Ifratres in 7facultate

ALBERT P. BRUBAKER, M.D.
R. C. ROSENBERGER, M.D. H. E. RADASCH, M.D., M.Sc. HOWARD DEHONEY, M.D.
D. G. METHENY, M.D., L.R.C.P. and S.
(Edinburgh), L.F.P.S. (Glasgow.)
C. W. McCONIHAY, M.D.

## Ifratres in Herbe

JOHN A. TOPPER, M.D.
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H. C. HUGHES, M.D.
W. M. WORKMAN, M.D.

## Fratres in Alnibersitate

19131
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J. W. CRESSLER
H. G. DUNHAM
W. J. HURFF
D. M. DRY
B. F. BLOTZ
D. F. BENTLEY
J. C. McCONAUGHEY
R. E. LEIDY
M. P. STILES
B. S. DAVIS
R. J. HAWS
F. E. DONNELLY
R. E. WIANT
N. J. QUINN
B. K. THOMAS
R. T. WAYLAND
H. B. MOORE

1114
C. L. McCOY
D. P. GRIFFIN
J. T. BENNETT
E. C. PECK
E. L. BAUER

1915
J. B. WOLFE
J. R. MONTGOMERY
A. H. LA ROCHELLE
H. A. TROTTER
H. F. HOYLE


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#  

## Chapter ※ioll

Alpha, University of Pittsburgh, Pittsburgh, Pa. Beta, University of Michigan, Ann Arbor, Mich. Delta, Rush Medical College, Chicago, Ill.
Zeta, Baltimore College of Physicians and Surgeons, Baltimore, Md.
Eta, Jefferson Medical College, Philadelphia, Pa.
Theta, Northwestern University, Chicago, Ill.
Iota, College of P. \& S., University of Illinois, Chicago, Ill.
Kappa, Detroit College of Medicine, Detroit, Mich
Lambda, St. Louis University, St. Louis, Mo.
Mu, Washington University, St. Louis, Mo.
Nu, University Medical College, Kansas City, Mo.
Xi, University of Minnesota, Minneapolis, Minn.
Omicron, Indiana University School of Medicine, Indianapolis, Ind.
PI, University of Iowa, Iowa City, Ia.
Rно, Medical Department, Vanderbilt University, Nashville, Tenn.
Sigma, University of Alabama, Mobile, Ala.
Tau, University of Missouri, Columbia, Mo.
Upsilon, Ohio Wesleyan University Medical School, Cleveland, O.
Phi, University College of Medicine, Richmond, Va.
Chi, Georgetown University, Washington, D. C.
Psi, Medical College of Virginia, Richmond, Va.
Omega, Leland Stanford, Jr., University, San Francisco, Cal.
Alpha Alpha, John A. Creighton University, Omaha, Neb.
Alpha Beta, Tulane University, New Orleans. La.
Alpha Gamma, Syracuse University, Syracuse, N. Y.
Alpha Delta, Medico-Chirurgical College, Philadelphia, Pa.
Alpha Epsilon, Marquette University, Milwaukee, Wis.
Alpha Zeta, Indiana University School of Medicine, Bloomington, Ind.
Alpha Eta, University of Virginia, University, Va.
Alpha Kappa, University of Texas, Galveston, Tex.
Alpha Iota, University of Kansas Lawrence, Kan.
Alpha Lambda, University of Okla ıoma, Norman, Okla.

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## $\mathfrak{E}$ ta Cbapter

Cstablished ftarcty 7,1902

## 1 Fratres in 1 facultate

L. F. APPLEMAN, M.D. WM. J. ROE, M.D.
WM. E. WAGER

## Ifratres 毁ononarii

ARTHUR DARE. M.D.
C. S. BARNES, M.D.
WM. J. ROE, M.D.
L. F. APPLEMAN, M.D.
R. E. KENNEDY, M.D.

## 1Fratres in Ơrbe

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J. E. McDOWELL, M.D.
J. W. HOLMES, M.D.
P. A. McCARTHY, M.D.
K C. RICHMAN, M.D.
R. F. TAYLOR, M.D.

## 1 fratres in Olnibersitate

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R. C. BEEBE
LEE D. GRUICE
B. P. DAVIS
W. S. GARRISON
ALMON C. HAZLETT
W. V. MARSHALL
T. W. O'BRIEN
W. T. O'HARA

1914
C. LE ROY HAINES
S. W. HURDLE
U. McLAWS KIEFFER
E. CLEMENTS-LEACH RUSSELL C. PARSON
RUSSELL H. PERSON

## 1915

O. E. GRIEST
J. LEE HYDRICK
H. S. KERCHNER
M. J. MORRIS
C. W. MORTON
A. S. ROGERS
J. R. T. SNYDER

1914
H. R. FISHBACK
S. R. LAKE
${ }^{1} \mathrm{~d}$ vagg $\mathrm{IH}_{\mathrm{d}}$


## 3tolemy

## Jeffersonian Sarcopyagus

## Officers

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W. B. FORD, Vice-President
T. B. W. HAAS, Secretary
W. G. FLICKINGER, Treasurer

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| :--- | :--- |
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| W. M. L. COPLIN, M.D. | D. G. MATHENY, M.D. |
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## 3才iladelphi in Olube

JUSTUS SINEXON. M.D.
A. A. SARGENT, M.D.
H. M. RIGHTER, M.D.
W. F. SEABOLD, M.D.
C. S. BARNES, M.D.
M. P. CUMMINGS, M.D.
R. V. WOLF, M.D.
H. E. MITCHELL, M.D.
J. S. KITCHEN, M.D.
L. O. HEILAND, M.D.
D. W. LEWIS, M.D.
H. E. KEELY, M.D.
R. M. LUKENS, M.D.
J. C. POFFENBERGER, M.D.
R. B. PRATT, M.D.
F. C. ABBOTT, M.D.
J. C. KNIPE, M.D.

C H HOFFMAN MD
W. P. HEARN, M.D.
P. R. WALTERS, M.D.
A. P. BRUBAKER, M.D.
E. H. FUNK, M.D.

3Priladelphi in Olniversitate
W. W. INKROTE
W. S. GARRISON

1917
T. B. W. HAAS
L. G. CHASE

1914
J. F. PARKS
W. D. BAUN
E. T. McMATH
J. C. McCONAUGHEY
E. L. BENNETT
A. M. RESTENBERGER

1915
W. B. FORD
O. A. PARFITT
D. B. McHENRY
W. G. FLICKINGER
A. S. ROGERS

191 氐
N. D. MILLER
XLGDOOS XWGHOL


## $\mathfrak{A l p h a}$ Omega $\mathfrak{A l p h a}$

## 殖onorary $\sqrt{1}$ raternity

## Chapters

( $\mathfrak{J n} \mathfrak{O}$ Oroer of $\mathfrak{e s t a b l i s f i f m e n t ) ~}$
Alpha of Illinols. University of Illinois.
Beta of Illinois. University of Chicago.
Gamma of IllinoIs. Northwestern University.
Alpha of Ohio. Western Reserve University.
Alpha of Pennsylvania. Jefferson Medical College.
Beta of Pennsylvania, University of Pennsylvania.
Alpha of Missourr. Washington University.
Alpha of Massachusetts. Harvard University.
Alpha of California. University of California.
Alpha of Maryland. Johns Hopkins University.
Alpha of Ontario. University of Toronto.
Alpha of New York. Columbia University.
Alpha of Michigan. University of Michigan.
Alpha of Minnesota. University of Minnesota.
Beta of New York. Cornell University.
Gamma of New York. Syracuse University.

## Alpha of 3ennsyluania Chapter

ftembers 愐ononarii
PROF. W. W. KEEN, M.D., LL.D., F.R.C.S. PROF. EDWARD P. DAVIS
PROF. J. C. WILSON
PROF. J. W. HOLLAND
PROF. W. M. L. COPLIN

PROF. E. E. MONTGOMERY

PROF. H. A. HARE
PROF. F. X. DERCUM

PROF. J. CHALMERS DA COSTA
ftembers in Oniversity

> HORACE GARFIELD DUNHAM JOHN ELIAS LIVINGOOD FREDERICK RICE LUMMIS DAVID MILLER DRY
> KARL DEAN FIGLEY
> PAUL E. HASKETT

CLARENCE S. GARDNER HAROLD MORRIS BROWN WILLIAM EDWARD GROVE RICHARD HAGAN MILLER FRED A. THYSELL
JOHN RUMSEY DAVIES, JR.



# ¥习yi $\mathbb{C b j i} \mathfrak{J F}$ raternity 

## Cyapter ̉ioll

Alpha. University of Vermont, Burlington, Vt. Zeta. University of Texas, Galveston, Texas. Eta. Medical College of Virginia, Richmond, Va.
Theta. University College of Medicine. Richmond, Va. Iota. University of Alabama, Mobile, Ala.
Lambda, University of Pittsburgh, Pittsburgh, Pa.
Mu. Indiana University Med. School, Indianapolis, Ind.
Nu. Birmingham Medical School, Birmingham, Ala.
Xi. Texas Christian University, Fort Worth, Texas.

Omicron. Tulane University, New Orleans, La.
Pı. Vanderbilt University, Nashville, Tenn.
Rнo. University of Chicago, Chicago, Ill.
Sigma. College of Physicians and Surgeons, Atlanta, Ga.
Tau, University of South Carolina, Charleston, S. C.
Upsilon. Atlanta Medical College. Atlanta. Ga.
Phi. George Washington University, Washington, D. C.
Chi. Jefferson Medical College, Philadelphia, Pa.
Psi. University of Michigan. Ann Arbor, Mich.
Alpha Alpha. University of Louisville, Louisville, Ky.
Alpha Theta. Western Reserve University, Cleveland, O.
Beta Beta. Baltimore Medical College, Baltimore, Md.
Gamma Gamma. Bowdoin College. Portland, Maine: Brunswick, Maine.
Delta Delta. College of Physicians and Surgeons, Baltimore, Md.
Kappa Alpha Kappa. Georgetown University, Georgetown, D. C.
Sigma Theta. University of Nerth Carolina, Chapel Hill, N. C.
Chi Theta. Medico-Chirurgical College, Philadelphia, Pa.
Pi Delta Phi. University of California, Los Angeles, Cal.
Upsilon Pi. University of Pennsylvania. Philadelphia, Pa.
Phi Sigma. Chicago College of Medicine and Surgery. Chicago, Ill.
Psi Rho Sigma. Northwestern University, Chicago, Ill.
Phi Beta. University of Illinois, Chicago, Ill.
Iota Pi. University of Southern California, Los Angeles, Cal.
Kappa Delta, Johns Hopkins University, Baltimore, Md.
Theta Upsilon. Temple University, Philadelphia, Pa.
Alpha Mu. Indiana University, Bloomington, Ind.
Phi Rho. St. Louis University, St. Louis, Mo.

# 押yi $\mathbb{C}$ yi $\mathfrak{J f}$ raternity 

## $\mathfrak{C h i}$ Chapter

Organizè JFobruary 16,1904

## 3Fratres in TFacultate

T. J. BUCHANAN, M.D.
C. W. LE FEVRE, M.D.
E. L. KLOPP, M.D.
A. A. SARGENT, M.D.
G. E. PRICE, M.D.

COLLIN FOULKROD, M.D.
T. J. D'APERY, M.D.
A. S. KAUFMAN, M.D.
I. F. STOVER, M.D.
W. F. QUINLIVEN, M.D.
G. E. McGINIS, M.D.
M. A. BURNS, M.D.

## Ifratres in $\mathfrak{l l t}$ be

H. J. BALDWIN, M.D.
M. C. GROW, M.D.
A. C. LUHR, M.D.
J. T. Hilley, M.D.
S. B. HEIMER, M.D.
E. E. WISEHART, M.D.
E. C. BOYER, M.D.
N. J. McNAUL, M.D.
L. J. KAUFMAN, M.D.
J. W. LITTAL, M.D.
J. W. AUSTIN, M.D.
H. M. STEWART, M.D.
W. F. HARRIGAN, M.D.
H. B. BORING, M.D.

## 7fratres in llnibressitate

1.13
L. G. CHASE


Disd $10-7.144$ Dred. Way 1922
E. R. COCKE
G. A. DAPP
B. P. DORAN
J. H. FISHER
W. E. GROVE
T) Fienntan THOS McNELIS Dred $3-13-52$
Dud $13-23-$ ape 35 -apparde
Ded $3514-39-54$
W. D. BAUN
F. C. BECKER
A. E. EDGERTON
W. W. FREAS
J. P. GARVEY
R. P. J. HARMON W. J. YUTSKInnwW? J, QoEサZ)

1914
G. F. HORN
E. H. METCALF
H. J. NIXON
N. F. RODMAN
C. E. SHARP
F. G. SCHARMAN

1915
W. K. ALLSOP
W. J. FAULKNER
H. G. LONGAKER
W. U. MEIER
J. R. MIDDLEBROOKS
W. C. KESSLER
D. W. KRAMER DeQ 3 S. MAKGER D+Me
J. J. MYER
R. E. TIRKER
P. O. MILLER
H. J. MURRAY
A. M. BENSHOFF
B. P. WIDMAN

191 F
C. L. FACKLER
O. E. GEE
N. L. HAIR
R. D. HOSTETTER
P. B. MULLIGAN
G. L. NORSTEDT
G. W. PILLMORE
G. W. PURCELL
L. W. POSTER
J. H. WYATT



#  

## Chapter Łoll

Alpha, Northwestern University, Chicago, Ill.
Beta, University of Illinois, Chicago, 111.
Gamma, Rush Medical College, Chicago, Ill.
Delta, University of Southern California, Los Angeles, Cal.
Epsilon, Detroit Medical College, Detroit, Mich.
Zeta, University of Michigan, Ann Arbor, Mich.
Eta, Creighton University College of Medicine, Omaha, Neb.
Theta Tau, University of Minnesota, Minneapolis, Minn.
Iota Alpha, University of Nebraska, Omaha, Neb.
Iota Beta, University of Nebraska, Lincoln, Neb.
Kappa, Western Reserve University, Cleveland, O.
Lambda, Medico-Chirurgical College, Philadelphia, Pa.
Mu, University of Iowa, Iowa City, Ia.
Nu, Harvard University, Boston, Mass.
Omicron, Wisconsin College of Physicians and Surgeons, Milwaukee, Wis.
Pi Alpha, Indiana University School of Medicine, Indianapolis, Ind.
Pi Beta, Indiana University School of Medicine, Bloomington, Ind
Rho, Jefferson Medical College, Philadelphia, Pa.
Sigma, University of Virginia, Charlottesville, Va.
Upsilon, University College of Medicine, Richmond, Va.
Phi, University of Pennsylvania, Philadelphia, Pa.
Skull and Scepter, Yale University, New Haven, Conn.
Chi, University of Pittsburgh, Pittsburgh, Pa.
Psı, University of Colorado, Boulder, Colo.
Alpha Omega Delta, University of Buffalo, Buffalo, N. Y.

#  

## ※ifo Cyapter

## 式ratres 面onorarii

I. M. FRIES, M.D.
W. H. WELLS, M.D.

## Jratres in Orbe

T. M. ATKINSON, M.D.<br>T. L. HARRIS, M.D.<br>J. L. JENSON, M.D.<br>C. J. WALTER, M.D.<br>C. H. TURNER, M.D.<br>J. C. POFFENBERGER, M.D.

## $\mathcal{J}$ fatres in Onibersitate

1913
R. L. ALLEN
M. R. GABRIO
J. T. MURPHY
E. T. MacMATH
C. J. MARTIN
K. B. PACE
H. C. BABCOCK
J. A. CORRIGAN
W. A. DOBSON
W. H. JONES
H. E. KNOX
R. W. RICHARDS
C. A. ROSE
W. J. THOMPSON
W. A. WEAVER, JR.

1914
P. A. PETREE
W. S. REESE
E. B. WEAVER

1915
C. B. LULL
A. T. MURPHY
C. A. PRYOR
L. L. RHODY
H. C. THOMAS
W. W. WILKINSON

## 1915

H. S. BABCOCK
A. R. GAINES
V. F. GENGE
H. HAYFORD
H. B. MATHES
C. A. PATTON
H. D. ROGERS
J. M. WEBER
N. M. MacNEILL



# Omega ©psilon 羽i yraternity 

## ※ifo $\mathbb{C}$ yapter

## ftlembers in 1 Faculty

CLARENCE D. HOFFMAN, M.D. WILLIAM HEARN, M.D. HOWARD E. BRICKLER, M.D. ARTHUR DAVIDSON, M.D. F. M. SCHILLING, M.D.

GEORGE F. DOLYE, M.D. ALVIN E. SIEGEL, M.D.
ALFRED HEINEBERG, M.D. CLARENCE D. SMITH, M.D. M. A. SAYLOR

## ftembers in City

ALFRED GORDON, M.D. T. CARROL DAVIS, M.D. F W. SWALLOW, M.D.

JOHN J. DONOGHUE, M.D.
P. D. MOULTON, M.D.

HENRRY J. NEWMAN, M.D. WAYNE HANSON, M.D.

### 1.113

L. H. HARTZELL
W. D. McLELLAND

CARROLL LOWELL
J. G. STRICKLAND

CLARENCE WHITTEMORE
H. T. BUCKNER
J. Y. TEMPLETON, JR. PAUL LOWELL WALTER YEAKLE
WILLIAM FORD

## 1114

H. T. WICKERT
E. C. GOLDCAMP
C. R. BRENNER
F. J. PFLUG
V. S. LAUGHLIN
A. L. BENSON
E. Z. BOLIN
B. F. MORGAN

1915
H. A. DAVIDSON
G. A. PATTON
R. N. SMITH
G. A. HORTON
W. F. WHITE
J. S. LEWIS, Jr.
W. H. DANIELS
A. J. GRANELLI
J. H. HARRIS
E.. R. WEBBER
H. M. QUACKENBOS
S. G. GILL
J. E. WETHERFORD

## 1915

J. ALLAN BERTOLET
A. K. DUNLAP
H. B. FERGUSON. JR.
F. F. HANBIBGE
G. R. VEHRS

## 

## Chapter Roll

Alpha, University of Buffalo ..... 1895
Delfa, University of Denver ..... 1898
Epsilon, University of New York ..... 1899
Beta, University of Cincinnati ..... 1900
Eta, University of Colorado ..... 1901
Theta, Cornell University ..... I90I
Iota, Leland Stanford University ..... 1901
Theta Beta, Cornell University ..... 1902
Gamma, Union University ..... 1903
Kapra, Columbia University ..... 1903
Mu, Northwestern University ..... 1904
Nu, Medical College of Virginia ..... 1905
XI, University College of Medicine, Richmond ..... 1905
Omicron, University of North Carolina ..... 1907
Pr, University of Pennsylvania ..... 1908
Rно, Jeffersón Medical College ..... 1908
Epsilon, University of Minnesota ..... 1908
TÃu, North Carolina Medical ..... 1909
Upsilon, Medico-Chi ..... 1909


EAmanathe

- 0


# 揋 filu Jfraternity 

## Chapter ※ioll

Alpha, University of Virginia, Charlottesville, Va.
Beta, University College of Medicine, Richmond, Va.
Gamma, Medical College of Virginia, Richmond, Va.
Delta Epsilon, University of Louisville, Louisville, Ky
Theta, Jefferson Medical College, Philadelphia, Pa.
Iota, Medical College of South Carolina, Charleston, S. C.
Kappa, University of Nashville, Nashville, Tenn.
Lambda, Vanderbilt University, Nashville, Tenn.
Mu, Johns Hopkins University, Baltimore, Md.

# 秋 $\mathfrak{A t l} \mathfrak{J}$ raternity 

## ftlembrium 毁onorarius

W. C. PRITCHARD, M.D.

## 1Fratres in Olurbe

P. S. GASTON
L. W. HORNICK
W. J. DOYLE

15 rater in Olnibersitate

J. B. L. FLICK

## 1914

B. C. COSTELLO
J. F. DALEY
R. L. ELLIS
L. ENGLERTH
E. W. GILHOOL
F. V. GOWAN
G. C. HACKETT
J. KAY
C. C. WHITTLE
J. H. LONGO
A. J. SUllivan
E. G. STORK

1915
A. BERNARDI
F. S. JOHNSON
I. C. MORGAN
H. J. SANGMEISTER
C. H. POUX
G. H. SHILLOTT



#  

1Foundè at 飞dessleyan College. 1872

## Cbapter ※ioll

Beta, Syracuse University, Rochester N. Y.
Gamma, Union College. Albany. N. Y.
Zeta, University of California, San Francisco, Cal,
Eta, Colgate University, Hamilton, N. Y.
Theta, Kenyon College, Kenyon, Colo.
Lambda, Rensselaer Yolytechnic Institute, Troy, N. Y.
Mu, Stevens Institute of Technology.
Nu, Lafayette College, Easton, Pa.
Xi, Amherst College, Amherst, Mass.
Tau, Wooster University, Wooster, Ohio.
Upsilon, University of Michigan, Ann Arbor, Mich.
Phi, Rutgers College, New Brunswick, N. J.
Psi, Ohio State College, Columbus, O.
Alpha-Zeta, University of Vermont, Burlington, Vt.
Alpha-Iota, Harvard University, Cambridge, Mass.
Alpha-Omega, Columbia University, New York City.
Alpha-Alpha, Perdue University, Perdue, Ill.
Alpha-Theta, University of Missouri, St. Louis, Mo.
Beta-Beta, Ohio Wezleyan University, Delaware, O.
Beta-Omicron, Colby University, Waterville, Me.
Gamma-Beta, Jefferson Medical College, Philadelphia, Pa.
Delta-Delta, University of Maine, Orono, Me.
Delta-Kappa, Bowdoin College, Brunswick, Me.
Delta-Sigma, Kansas University, Lawrence, Kan.
Epsilon-Epsilon, Case School of Applied Science, Cleveland, O.
Zeta-Phi, Massachusetts Institute of Technology, Boston, Mass.
Zeta-Zeta, University of Wyoming, Laramie, Wyoming.
Eta-Eta, Massachusetts Agricultural College, Amherst, Mass.
Theta-Theta, University of West Virginia, Morgantown, W. Va.
Kappa-Kappa, University of Texas. Austin, Tex.
Kappa-Rho, Baltimore College of Dental Surgery, Baltimore, Md.
Lambda-Sigma, Yale University, New Haven. Conn.
Nu-Nu, Marquette University, M:Iwatkee, Wis.
Omicron-Omicron, Ohio Northern University, Aida, O.
Omicron-Omega, St. Lawrence University. Canton, N. Y.
Pr-Phi, University of Virginia, Charlottesville, Va.
Rно-Rно, Norwich University, Norwich. Conn.
Sigma-Tau, University of Maryland, Baltimore, Md.
Xi-XI, University of Louisville, Louisville, Ky.
Omega-Kappa, Baltimore Medical College, Baltimore, Md.
Sigma Phi, Medical Department, University of Nashville, Nashville, Tenn.

## Graduate Chapters

Epsilon-Deuteron, Rochester, N. Y.
Alpha-Iota, Boston. Mass.
Nu-Gamma, New York City.

# Theta $\mathfrak{Z u} \mathfrak{E}$ psilon $\mathfrak{y t a t e r n i t y ~}$ 

## Gamma 把eta Cfapter

1Founded S2obember 21， 1910

## 䄧rothers in the 1 faculty

EDWARD ANTHONY SPITZKA，M．D．JOHN B．LOWNES，M．D． RANDLE C．ROSENBERGER，M．D． PHILIP B．HAWKE，M．D． W．H．KINNEY，M．D．
HOWARD E．BRICKER，M．D． E．D．FUNK，M．D． ARTHUR J．DAVIDSON，M．D． JOHN D．CURRAN，M．D． JOHN A．RODDY，M．D． GEO．P．PILLING，JR．，M．D． ARTHUR B．LANDRY，M．D．

## 解rotyers in City

C．J．REIMER，M．D． O．M．AICHELE，M．D．
F P．SHANNON，M．D．
J．W．GILMORE，M．D．
W．S．FRANKENBERGER，M．D．
E．J．McCONAGHY，M．D．
CHARLES C．BAINES，M．D．

J．J．DONOHUE，M．D． JOSEPH HILLEY，M．D．
W．J．BEST，M．D．
G．E McGINNIS，M．D． JOSEPH MANGES，M．D． WILLIAM R．WILKERSON JOHN NOLAN，M．D．

## ftembers in Scijool

1413
RAYMOND F．CAMPBELL RAYMOND V．N．BLISS JAMES J．DICKINSON WILLIAM FORD PAUL E．HASKETT W．R．KLINGENSMITH EDW．A．TREACY

CARROLL LOWELL PAUL LOWELL FREDERICK R．LUMMIS RICHARD H．MILLER CARL S．MOORE ADAM M．ROBINHOLD PAUL H．WALTER
EDWIN H．COWARD

1914
G．CLIFFORD HACKETT
SUMMER W．JACKSON ULDRICH McL．KIEFFER BENJAMIN F．MORGAN HENRY C．PAPINEAU FERDINAND J．PFLUG HOWARD T．WICKERT N．H．LANG

1915
HAROLD R．REED
JAMES P．ROTH
RURIC N．SMITH
FREDERICK B．SNYDER

JOHN H．WOOLRIDGE

## 191 ㄷ

LOUIS MECKEL．
H．ANDREW WALLHAUSER FRANK J．McCAULEY ROBERT A．KNOX

HARRY GOLDSTEIN
H．B．FURGESON
CLYDE E．SITTINS
C．J．DEVALIN

GEO．H．REEL，JR．




## ※appa 鲃si 1 Fraternity

## 1Foundè filay 3it, 1879

Chapter ネoll<br>Executive Cbapter

Alpha. Grand Council, Wilmington, Del.

## Collegiate $\mathbb{C}$ bapters

## ( (ative ©fypters)

Beta. University College of Medicine, Richmond, Va.
Gamma. Columbia University, New York, N. Y.
Delta. University of Maryland, Baltimore, Md.
Epsilon. Maryland Medical College, Baltimore, Md.
Eta. Philadelphia College of Pharmacy, Philadelphia, Pa.
Iota. University of Alabama, Mobile, Ala.
Kappa. Birmingham Medical College, Birmingham, Ala.
Lambda. Vanderbilt University, Nashville, Tenn.
Mu. Massachusetts College of Pharmacy, Boston, Mass.
Nu. Medical College of South Carolina, Charleston, S. C.
XI. University of West Virginia, Morgantown, W. Va.

Omicron. Universities of Nashville-Tennessee, Nashville, Tenn.
Pr. Tulane University, New Orleans, La,
Rho. Atlanta College of P. and S., Atlanta, Ga.
Sigma. Baltimore College of P. and S., Baltimore, Md.
Tau. University of Alabama, Tuscaloosa, Ala.
Upsilon. Louisville College of Pharmacy, Louisville, Ky.
PHI. Northwestern University, Chicago, Ill.
CHI. University of Illinois, Chicago, Ill.
Psi. Baylor University, Dallas, Texas.
Omega. Southern Methodist University, Dallas, Texas.
Beta-Beta. Western Reserve University, Cleveland, Ohio.
Beta-Gamma. University of California, San Francisco, Cal.
Beta-Delta. Union University, Albany, N. Y.
Beta-Epsilon. Rhode Island College of P. and A. S., Providence, R. I.
Beta-Zeta. Oregon Agricultural College, Corvallis, Ore.
Beta-Eta. Jefferson Medical College, Philadelphia, Pa.
Beta-Theta. University of Tennessee, Memphis, Tenn.
Beta-Kappa. University of Pittsburgh, Pittsburgh, Pa.

## Graduate Cbapters

(Alummi Cbapters)

| Philadelphia | Philadelphia, Pa. |
| :---: | :---: |
| New York | New York, N. Y. |
| Baltimore | Baltimore, Md. |
| Birmingham | Birmingham, Ala. |
| Chicago | Chicago, Ill. |
| Boston | Boston, Mas |

## Zappa 3psi 1 Fraternity

Chapter Koll<br>executibe Cyapter<br>Alpha. Grand Council, Wilmington, Del.

Collegiate Cbyapters
(Actibe ©bapters)
Beta. University College of Medicine, Richmond, Va.
Gamma. Columbia University, New York, N. Y.
Delta. University of Maryland, Baltimore, Md.
Epsilon. Maryland Medical College, Baltimore, Md.
Eta. Philadelphia College of Pharmacy, Philadelphia, Pa.
Iota. University of Alabama, Mobile, Ala.
Kappa. Birmingham Medical College, Birmingham, Ala.
Lambda. Vanderbilt University, Nashville, Tenn.
Mu. Massachusetts College of Pharmacy, Boston, Mass.
Nu. Medical College of South Carolina, Charleston, S. C.
Xı. University of West Virginia, Morgantown, W. Va.

Omicron. Universities of Nashville-Tennessee, Nashville, Tenn.
Pr. Tulane University, New Orleans, La,
Rho. Atlanta College of P. and S., Atlanta, Ga.
Sigma. Baltimore College of P. and S., Baltimore, Md.
Tau. University of Alabama, Tuscaloosa, Ala,
Upsilon. Louisville College of Pharmacy, Louisville, Ky.
Phi. Northwestern University, Chicago, Ill.
Chi. University of Illinois, Chicago, Ill.
Psi. Baylor University, Dallas, Texas.
Omega. Southern Methodist University, Dallas, Texas.
Beta-Beta. Western Reserve University, Cleveland, Ohio.
Beta-Gamma. University of California, San Francisco, Cal.
Beta-Delta. Union University. Albany, N. Y.
Beta-Epsilon. Rhode Island College of P. and A. S., Providence, R. I.
Beta-Zeta. Oregon Agricultural College, Corvallis, Ore.
Beta-Eta. Jefferson Medical College, Philadelphia, Pa.
Beta-Theta. University of Tennessee, Memphis, Tenn.
Beta-Kappa. University of Pittsburgh, Pittsburgh, Pa.
Graduate Cbapters
(Alumni Cbapters)

| Philadelphia | hiladelphia, Pa. |
| :---: | :---: |
| New York | New York, N. |
| Baltimore | . Baltimore, Md. |
| Birmingham | Birmingham, Ala. |
| Chicago | Chicago, Ill. |
| Boston |  |



## $\mathfrak{G a m m a} \mathfrak{G a m m a} \mathfrak{y}$ raternity

Members of the Gamina Gamma Fraternity with their respective academicfraternity and college:
K. D. Figley-Ohio Wesleyan University ..... Phi Delta Theta
C. W. Colby-Amherst College Phi Kappa Psi
J. E. Livingood-Franklin and Marshall Phi Kappa Psi
J. Monroe Torrence-Washington and Jefferson College Psi Kappa Psi
I. M. Boykin-University of North Carolina Kappa Alpha
M. C. Jones-Randolph-Macon Kappa Alpha
Jos. A. Speed-Trinity College Alpha Tau Omega
J. N. Evans-University of Pennsylvania Phi Delta Theta
C. D. Evans, Jr.-University of Pennsylvania Phi Delta Theta
H. W. Kinderman-Washington and Jefferson ..... Alpha Tau Theta
A. B. Musa-Lafayette College Psi Kappa Plii
R. H. Miller-Brown University Psi Upsilon
F. R. Lummis-University of the South Alpha Tau Omega
C. E. Tibbins-Washington and Jefferson Alpha Tan Omega
R. A. Knox-Washington and Jefferson Alpha Tau Omega
E. G. Reade-Trinity College Alpha Tau Omega
R. B. McIver-Wofford College Sigma Alpha Epsilon
F. W. Hollingshead-Perdue University Phi Delta Theta
F. M. Darnell-Washington and Lee Kappa Alpha



#  Organized 1891 

PROF. HOBART A. HARE, M.D., Honorary President.

Active ftlembers

## Officers

B. P. DAVIS, President.
L. H. HARTZELL, Vice-President.
V. G. KINNAIRD, Secretary

R C. BEEBE, Treasurer.

## 1913

B. P. DAVIS
L. H. HARTZELL
R. C. BEEBE
A. C. HAZLETT
D. W. KRAMER
F. A. THYSELL
G. A. DAPP

WM. C. KESSLAR
JAS. G. COLES
E. BRUCE RHEA
L. F. MANGER
B. P. DORAN
L. D. CRUISE
W. T. O'HARA
W. V. MARSHALL
T. W. O'BRIEN
M. J. MacFARLANE.
R. T. WAYLAND
V. G. KINNAIRD

1914

| E. C. LEACH | U. McLAWS KIEFFER |
| :--- | :--- |
| R. H. PERSON | F. C. BECKER |
| M. W. FREAS | B. G. VOORHEES |
| R. C. PORSOR | N. F. RODMAN |
| C. L. HAINES | F. G. SCHARMANN |
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# -习resionent's ADoress 

## Friends of Jefferson:



N behalf of the graduates of the Class of 1913, I bid you a hearty and most cordial welcome to the exercises of this day, We rejoice at the sight of this large audience of those, whom we are assured of being our friends by their presence here. We are exceedingly grateful to have you with us, and are glad that you see fit to help us perform the duties which have been assigned to us, knowing full well we shall be stirred to put forth our very best efforts, by reason of the confidence and reassurance that your participation here gives us.

To-day is our commencement, when we begin to start our careers in life, as members of the great army of Physicians in the world, and as such we recall the words of the Poet Horace, to his benefactor Maecenas, the great literary patron of his age: "Many and various are the pursuits and aims of men to which they cling tenaciously, glory, wealth, ease, war, sport. I, with the help of Heaven, long to be a lyric poet and if you, Maecenas, consider me one, I shall have attained the height of my ambition."

So, too, have we labored, struggled and hoped for this day when we might also say "We have longed to be members of the Medical Profession, and if thou, O Jefferson and her illustrious faculty, consider us qualified as such, then we surely have attained the height of our ambition."

My friends, no profession is more unselfish and more ethical,-if a literary man writes a book, he gets it copyrighted, for which the world pays him a royalty, likewise the artisan with his meritorious invention upon which he secures a patent, but not so the physician who discovers a new antidote, a new antitoxin, a new anesthetic, which he cheerfully gives to the world without money or without price. He considers that is his duty, if he did otherwise he would be disgraced in the eyes of his profession.

My friends, what a tribute our vocation has received in the words of the statesman Beveridge: "The true doctor is a marvelous person. How astonishing the accurate knowledge of the accomplished physician. How miraclelike the dainty and beneficent skill of a modern surgeon. The peculiar ability of a great diagnostician amounts to divination, and he whom Nature had fitted for this noble profession, is endowed with a sympathy for you and an intuitive understanding of you very much akin to the peculiar sixth sense of woman-that strange power by which she 'Knows and understands.' "

It is a proven fact that the death rate of the American people is on the decline, and that the standard of health is higher, a great tribute to the medical profession, for these conditions have come about almost wholly through the efforts of the physicians of the country. The Medical Profession has advanced with such great strides, that to-day medical science is being freely used to prevent disease, rather than cure it. The Medical Fraternity is urging the adoption of rigid laws that will prevent disease, epidemics and contagion.

It is trying to prevent people being sick; and the work and sacrifice of years, money and lives that members of the Medical Fraternity have made to lessen disease, rob pain of its terror, and banish plagues, form one of the greatest and most inspiring chapters in the history of the uplift of the Human Race.

Classmates:-Our life at College has been busy and many-sided, our college days are about at an end and we dearly treasure the friendships we have formed here-to us they constitute a rich legacy of the past four years.

To-day we stand at the threshoid of the real world. We must be prepared now. Our worth will be determined by the uprightness of our character and not by our diplomas or book knowledge.

The chief want in life is somebody who shall make us do the best we can, and it is because we do the things we ought to do when we feel least like doing it, that gives strength to character. It is because of the perpetual performance of duty that we are able to lay the foundation stones upon which the superstructure of a noble character can stand. The performance of duty is the highest aim in any life. "He who evades the burden misses the blessing." True living is never easy. A noble life cannot be lived without effort.

> "There is no royal road to highest fame, That man has toiled who wears a glorious name."

This is why life is worth living, because merit becomes the standard of judgment and a sense of duty is the fountain of human rights-the command of heaven-the eldest voice of God.

> "Divinely do for every one your best
> Thus only can you live in righteousness."

For duty done is the Soul's fireside and doing good is the only certainly happy action of a man's life.

Classmates:-Ours has been the pleasant privilege to be guided through four years by our eminent faculty. They have made their impress upon us. Their example and precepts will live on in our minds. Our dear associations with them will soon terminate, but their memories will ever be cherished in our hearts. It has been good for us to have been here, and it remains for us to justify the time and energy which they so willingly expended upon us. So let us remember that exactness in little things is a wonderful source of cheerfulness, and that we will find in the practice of our profession just what we put into it, that while we cannot prevent the birds of sadness from flying over our heads, we may prevent them from stopping to build their nests there.

Classmates:-If you have built castles in the air, that is where they should be built-now put foundations under them. We are well equipped and are willing to undertake our responsibility and will perform its accompanying duties to the advancement and glory of our Alma Mater, ever mindful that we are sons of Jefferson, whose honor, name and fame we shall always strive to keep unsullied-Noblesse Oblige.
"So live, that, when thy summons comes to join
The innumerable caravan, that moves
To the pale realms of shade, where each shall take His chamber in the silent halls of death,
Thou go not. like the quarry-slave at night,
Scourged to his dungeon; but, sustained and soothed
By an unfaltering trust, approach thy grave,
Like one who wraps the drapery of his couch
About him, and lies down to pleasant dreams."
CARROLL LOWELL.



From the north with frozen barrens,
From the West where the prairies roll,
From the South with cotton blossoms,
From the East where the suns unfold.

Gathered a band, small but ardent,
A band which had a mission dear,
To learn at Jefferson's feet how
To conquer death and banish fear.

The brave little band that gathered From the north, south, east and the west,
Completed the work it started
With the survival of the best.

Long and hard has been the struggle,
Almost discouraging at times,
But nothing was disheartening
To these men of various climes

Thru the work, the worry, the grind, Thru the many classes and labs.
Clung to us that joyous spirit
That made pleasant the hardest stabs.
We've passed thru ordeals together, We've had many a good time, too;
In days to come we'll sit and brood And think of the black and blue.

We'll think of the kind professors
Who taught what they knew of their art;
We'll think of their many lectures,
Which they gave that we learn our part.
We'll think of the friends we made here, And we'll hold them dear for all time,
Wherever we roam, no matter
What nation, what country, what clime.

Now that the siege is all over,
A siege marked by four years of strife, We're on the brink of another-
A battle which will last for life.
Grim death is our sworn enemy,
Invisible, taunty and sleek;
Which stops not for rich and haughty,
Nor spares it the poor and the meek.
So we're armed with mighty weapons-
Weapons which took four years to forge,
And better ones are needed to
Halt the enemy crossing the gorge.
With this power which science has Borne us, we'll strive to halt death's hand, The hand that clasps not in friendship, But whose clasp means ashes and sand.

Though some efforts may be futile,
Other times they will bear us fruit.
We'll get some credit not due us,
And discredit where credit would suit.

Back north with its frozen barrens,
To the west where the prairies roll;
Back south with its cotton blossoms,
To the east where the suns unfold;
Will spread this band, small but ardent,
This band which has a mission dear;
Learned at Jefferson's feet how
To conquer death and banish fear,
D. W. KRAMER.



## Class Oration

Robert M. Palamer.

Mr. President, Classmates, Ladies and Gentlemen:


HIS time marks the greatest chapter in our lives,one worthy of eloquent comment; and I consider it a rare privilege to be elected to fill my present office; but for me to deliver an oration of any kind or character-not to say one which would be commensurate to the hopes we all feel this moment, to the joys which we now entertain because of this achievement-is 'way beyond my scope and learning; and I believe it to be well-nigh impossible for language to fully express the high tides of feeling, the intrepidity arising from lack of experience, the mysterious expectation of youth, as it were, which is here with us as we sit before you to-day,

We are possessed of great ideals and high dreams. As we look into the mirror of our lives we see in ourselves many Mariuses, yea, many Caesars; and anxiously await the trial and verdict of this rough old world of ours, while those who know, tell us that when Father Time has shot his bolt, our castles in the air will crumble as theirs have; but unwilling to acknowledge their astrological ability, we can hear the trustees of great and learned universities imploring us to accept chairs of Surgery and Medicine; and are not yet quite reconciled to the fact that gentlemen of the faculty of physic have not been in the past within the pale of Presidential possibilities, but are sure that now the American public will recognize its mistake. and insist by resolutions passed in political meetings and planks nailed in platforms to the effect that none others but Doctors of Medicine shall be qualified to fill the duties of our highest office, and thus redeem themselves.

Here we are, surrounded by our learned and celebrated Faculty; our dear and beloved fathers and mothers, sisters and brothers, our loyal relatives; and by our kind and loving friends; and the fact that you are with us to-day to give us your blessing and to bid us bon voyage in our journey over this ocean of life is good of you and most encouraging to us; and I take this opportunity to state to you that we are most cordially pleased to have you here, and on behalf of the class, I extend to you a sincere and rich welcome.

When the great Bonaparte before the pyramids uttered the admonitory address to the soldiers of France that twenty centuries were looking down upon them, he covered fully and emphatically the duty which he exacted and expected from each of the members of that magnificent body by warning them that the eyes of history and of the past were watching them, and how can I better record, or express, or call the attention to our duty in the future by a way more apropos or in a manner more clearly understandable at this time than to repeat in spirit what was there said and say that the whole class appreciates and is aware that the past in Medicine is looking down upon us to-day. And when I speak of the past in Medicine, I open a territory for thought and discourse which is beyond me to exhibit.

Would that I could take you over its battlegrounds, and show you the odds against which it contended; the superstitions against which it strived; the ignorance against which it struggled; the adversities against which it fought, until by a sort of doctrine, which Rudyard Kipling aptly terms the white man's burden, it overcame and vanquished the forces of the princes of darkness and of evil, and made it possible for us to graduate here to-day; it would then become us well to fall upon knees and venerate the memory of her heroes. It is somewhere said that the way of the transgressor is hard, and I believe it must be somewhere written that the way of the science of medicine, even though a messenger of light, has been harder than the way of the transgressor ; has been more wonderful than "Alice's Adventures in Wonderland" or Prince in fairy tales but yet her ignorant opponents have failed, and I predict for those who are waging war even to this very moment with their foolish anti-vivisection and anti-dissection doctrines and insanities failure just as surely as right is right and God is God.

In, view of the past, how can we help but love our Profession, and revere her very name, and boast of her record, and rightfully say of her what one has said of the Law that it is among the first and broadest of all human sciences ; and further, that it is one that requires in its proper practice all the faculties of the mind, and the cardinal virtues of the heart.

And if we will only keep this in mind, what will be the result? We will have a deeper sense of honor than learning; we will have a higher regard for ethics than we have for custom; we will strive for results materially, more than for results financially: we will value human life more than we prize our skill; we will accomplish more than we expect to accomplish; we will be clean, upright, and decent in our home, our political, our social and moral lives; we will starve in or quit the profession rather than disgrace it ; and above all and most important of all we will be professional. Not like some, who have gone before and I suppose will always be. (God forbid!) who make a financial success of the art at the price of utter professional and moral degradation; not upon merit, but by newspaper notices and hand-bill scatterings; and I invoke your aid and implore
you not to allow it to be beneath your notice, to have justice dealt out to these (quacks, charlatans, and rascals until we have hanged them higher than the proverbial Haman.

And if there is one man in this class who will do as I have just said, and avoid that which I feel duty bound to avoid; or if there is one within hearing of my voice who will see to it that my idea along this line is successfully imprinted upon somebody's mind ; if I were now to perish, so to speak, I would in a rough and elementary sense, have met my duty and obligation as Orator of this class. I say not this after the manner of a philosopher or bragging Spaniard, or for the purpose of giving a high-sounding term to one's duty, but to let you know that it is absolutely hopeless to begin this voyage without the possession of certain charts and compasses which show the course and extent of the voyage, the location of the shallows, and to demonstrate to you that the road has its rocks and the way is not plain, and to accomplish all this there is nothing we more need than the help and good wishes of all of our people. Your co-operation, your benevolence, your confidence and assistance are absolutely indispensable; and your reward will be some little service which will help to lighten some burden.

The four years just closing, which we have spent at Jefferson College, I might say, as an average man, that they have seemed hard to us, thus far the hardest of our lives; and to-day they are crowned with the happiest day, happiest because the past has rendered so much ; carrying with it the demonstration to us that industry and application has its fitting reward. And such a reward as this is, one which touches a responsive chord in the well-spring of our souls.

The most pleasant of pleasant memories of association during the hours in the clinic and the lecture room, of the days in the dissecting room and in the laboratory, are following thick and fast upon me as I speak to you this moment; the happy unions that we all have made with one another; the brotherly loveand I say brotherly love advisedly-that rises in our hearts towards one another, the democratic spirit of the college, in fact the entire college life is all written deep into our hearts and there will stay inscribed until the Grim Reaper shall suspend them for a time.

Busy with the same work, possessing the same luminous architecture of dreams, our troubles were common, our successes mutual, and while perhaps some personal differences have here and there eked in, good will has survened on such misfortune, and has attached us, united and bound us together ; and what power can ever break an iron chain that is bound with knots of flowers?

We are all prone to talk extravagantly about those we love, as habits in the blood, and I trust that you will not mistake me for one of Jefferson's advertising agents, and incline yourselves to ask after I have said what I am going to say, whether the Faculty at Jefferson ever left anything for other people to do.

A parallel condition is stated well by Mr. John Fiske, in his account of the Dutch and Quaker Colonies in America, when he says that "Your Ulsterman is clear that the migrations of Englishmen to Virginia and New England were small affairs compared to the migration from Ulster to Pennsylvania; your Huguenot sees in men of his race and faith the chief builders of the United States; and statements are made about the Jew which seem quite incompatible with the size of the home market for pork." These patriotic writers are wont to act upon the maxim of the late Zachariah Chandler, and "claim everything:" and not unlike Mr. Chandler, with your kind permission and consent to bear with me for a moment,

I am about to exaggerate-and not knowingly or wittingly-the character and the learning of all the men with whom we have been affiliated for four years, our teachers.

They led us, not with the majestic rigidity of a Roman dignitary, but kindly and fatherly from the very first day of our admission to the College to the position which we now hold. When we were in dark passages, until little by little, day by day, month by month, year by year, a particle of cavernous daylight exuding, no one knows whence and which floats about dark places, and to which the dilated pupil adjusts itself slowly, enabled us to distinguish a feature here and there, until the corridor of the profession was vaguely sketched out before us. Thanks to them. They have been our guides, philosophers and friends. Their ability, their talents, their learning, their justice, their skill shall always be with us, and from us transmitted to our children, and our children's children, and if we shall have our way, their names and memories shall be written high in the halls of Fame.

Professionally, let me take the burden upon myself and say, because I may feel deeper on this point than any man in the class, because to some of them I owe my very life, that there are men in the Jefferson Faculty, both past and present, who have never had superiors and few equals in this whole world; and finally without the slightest intention to rhapsodize, I quote great Antony and say concerning each one of them, that "His life is gentle, and the elements so mixed in him that Nature might stand up and say to all the world, 'Here is a man!'"

There is one missing from the roll-call of the Faculty, who when I was a Freshman in the College, stricken with deadly fever, and nigh unto death's portals, gave his invaluable counsel and advice, and has lately since been called to his great reward. I speak of the lamented Professor Horwitz. He was a gentleman and a scholar. He was a man of marked ability, learning, and acquirements, and whose good reputation and skill are known wherever medicine is practiced. Let us call to mind what Mr. Blaine said of the dead and martyred Garfield and say it of Professor Horwitz: "Let us think that his dying eyes read a mystic meaning which only the rapt and parting soul may know. Let us believe that in the silence of the receding world he heard the great waves breaking on a further shore and felt already upon his wasted brow the breath of the eternal morning."

We go out into the world leaving our dear Alma Mater with courtesy on our lips and grace in our hearts.

I believe that the character of men with whom one is associated has more to do in delineating one's future than any other thing, and I believe that with such examples and associations, we can not fail in having our lives productive of great good and sterling worth.

We are bound to slip, climb, search, walk and persevere. That is all. That is the secret of all triumphs.

We are going to strive to win; we are going to win; we all believe it; we all feel it, because hope, that insubmergable mirage of the soul, is whispering it in every ear.

We shall always rejoice in the good of old Jefferson, and while we live and breathe, shall sincerely desire, and hope, and endeavor to continue her welfare and the enlargement of her bounds; and will always pray for her prosperity until we reach that fabled spring whose waters of "sweet savour and reflaire" shall impart eternal youth, carrying with us as our motto, "Our God, our Country, our Profession, and old Jefferson!"


## Class 羽rophecy



HROUGHOUT the centuries, it has been the lot of someone, somewhere, to endeavor to look into the beyond and foretell the future of others.

The ancient Greeks had their famous oracle at Delphi. There was the Soothsayer, who examined the entrails of animals, thus peering into the great unknown ; the witch in her cave of the winds, where the future of man was inscribed upon leaves.

As a result of these ancient superstitions, are the mediums of the present day-and the class prophet.

Of Jefferson Medical College, her future must be most bright. It could not be otherwise, and in the words of Prof. Hare, she must stand "Facile Princeps" amongst the medical colleges of this country.

Adorning her chairs are to be seen such illustrious lights as
Roscoe Z. Cope, Professor of Obstetrics.
William F. Whelan, Professor of Anatomy.
Eliah Kaplan, Professor of Pathology.
Frank S. Bonnell, Professor of Therapeutics, and sometimes consultant to Cope.

In the flourishing city of Wilkes-Barre is that distinguished Dutchman, Jack Cressler-Jack is carrying out his threats of killing the Irish. . He is practicing amongst the Irish in that community.

On any morning in the city of Houston, Texas, Itummis can be seen slaughtering goats. His slogan is, "Texas must be free from Malta. Fever."

Klingensmith is prison warden in the Penitentiary in Fort Smith, Ark. Recently he published a brilliant article, "The most rapid and efficacious method of opening an abscess."

Paul Lowell, Dave Dry and I. J. Dickinson, with the aid or Rose, have put on the market the most famous and powerful of hypnotics.

The name of Young Bros. is linked with their "Corn Cure."
Richards, Weaver and Palmer all have gone into politics. No wonder! Think of the excellent schooling they got in this art while at college.

Walter Yeakle, with the assistance of Buster Whittemore, still gives his entertaining lectures at the Norristown Insane Asylum. All those listening to the lecture are confined in the violent ward.

Gottschall and Bibh still exercise their voices in "Barking" for a "Medical Museum of Anatomy."
R. W. Campbell, with O'Hara, Flick and Murphy, have contributed papers at various times, "On the most effectual method of killing the Hebrew and the Dutch."

Wallace Hurff and Ballinger are doing a great work in exterminating the mosquito in New Jersey. Ballinger is also conducting a Haberdashery Shop on the side.

Last reports from Bill Stone were that he was suffering from Articular Rheumatism and Saint Vitus' Dance at the same time.

In the wilds of Stone Canon, California, R. T. Wayland is raising sheep, and practicing medicine on the side.

Mauger, another Dutchman, is located in Pottstown. He is looking after the Irish in that community.

In New York City, Horace Dunham is intensely interested in the practice of medicine.

Dick Miller is proprietor of a Sanatorium for the Devotees of Bacchus. On its Board of Directors are Heuler, Garber and Kinnaird.

In the pleasant hamlet of Oak Lane is Warren Johnston. "Joln," with his feet on his desk and displaying a brilliant pair of socks, passes out ethical advice to all young practitioners consulting him.
C. S. Moore is married and settled down. "Moore's Hair Restorer-makes hair grow on a door knob" has become a by-word. Judging from the testimonials of McLain, Goddard, Alt and Tuttle; no matter what effect "Moore's Hair Restorer" has on a door knob, it is useless on the human scalp.

Topsy Hartzell is the recognized authority on automobiles in Youngstown.
Gus Dapp and Kessler are interested in a chain of cut price drug stores. They still smoke those awful drug store cigars.

In the balmy climate of Mississippi Abner Potts Huber Sage has won notable success in his treatment of "Absent-mindedness and other allied conditions."

Torrence is in Indiana, Pa. He has a wonderful country practice and is esteemed by all who know him.

Wolfe is carrying out some interesting researches as to "Whether or not tobacco chewing stimulates the production of gastric price." Haas and Wagner have rendered Wolfe valuable assistance.

Paul Haskett still takes on weight.
Beck is located in Philadelphia. He and Schwartz both decided to get a hair cut after graduating and now are busy in practice.

In Burlington, Vt., Colby and Brannon are to be found. Colby still smiles occasionally.

Fisher, Doran and Kramer are located in northeastern Pennsylvania. There has been some rumor that Fisher was going into Grand Opera.

Walter is the owner of the most exclusive and fashionable tailoring establishment in Pittsburgh.

Wiant is located in Detroit. He still laughs, eats apples, smokes Piedmonts and daily is getting fatter.

Brown and Heady are conducting a "Rest Cure," overlooking Long Island Sound. Heady still devises all sorts of queer growths of hair on the chin.

Adam Robinhold married a nurse from Altoona. Adam unfortunately settled in an Irish community. He had great difficulty in explaining his nationality. Now he is safely located in Berks County.

Thysell has long since become famous for his researches in Physiologic Chemistry.

Webster is a real doctor at last. He is as particular about his hair as ever.
In Womelsdorf is John E. Livingood. He is editor-in-chief of the "Womelsdorf Owl;" manager and sole member of the Womelsdorf Automobile Association, but as yet has no automobile. Every June John ascends the platform of the Womelsdorf High School and delivers the farewell address to all the young Womelsdorfians.

Tempesto, Tracy and Garrison still generate hot air as desired.
G. "G. Campbell is near "Bill" Stone, and dances every time Bill does.

Templeton still nicks the aorta in Eclampsia.
In the pines of North Carolina a Sanatorium is being run by McClelland, Cocke and Vernon.

Weatherby and Inkrote have become active leaders in the Boy Scout movement. Weatherby still smokes his occasional Pall Mall.

Only one member of the Class of 1913 has entered Vaudeville. That is Wentz. Wentz, the Coley's Fluid Enthusiast, has won fame as the originator of queer and unsystematized noises.

Naturally some have been omitted in this prophecy, owing to the size of the class. In no way is this meant as a personal slight. To each member of the Class of 1913, the words of Thomas Carlyle are most fitting:

> "Thou hast possibilities in thee For much - the possibilities of Writing on the eternal skies The record of a heroic life."

JOHN R. DAVIES, JR.


Volume I.
Mammas, Papas, Sisters, Brothers, Sons, Daughters, Ladies, Gentlemen, Sweethearts and Fellow Classmates:


ON'T we look swell up here all dressed up in our Sunday go-tomeeting clothes with "biled" shirts on. Took us a long time to do the trick, but accidents will happen, and here we are.

Everybody seems quite happy to-day, and we know the reason why. Our mothers and fathers are happy because they need not send us any more "sheckles" for books, etc. We are happy because we need not send home any more for the same-at least we hope not. Someone else feels quite happy because her four long years of waiting have ended, and he can hang out a shingle and sign death certificates.

> E. R. Cocke.

My first subject for discussion is one of those fine young gentlemen from the South, who seems to be quite a favorite among the Fair Sex. He is very fond of "kitties," and insists that he has seen "camules" at the opera and paid four "dollyars" for his seats. He is best known among the boys as Puss. Dr. E. R. Cocke will now start his nimble little feet in motion and step this way, and I will give him this little kitten as a token of esteem from the class. I would also like to say that if he is caught bluffing he will lose the pot, and I trust he will remember my advice.

## Palmer and Maver.

In an aggregation of good fellows the size of this class, there can always be found a pair that sticketh closer than a brother, Siamese twins, as it were. They smoke each other's cigarettes, use the same tooth brush, study out the same books, wear each other's clothes and always appear together on the street. Cousin Bob is noted as a silver-tongued orator and well deserves the title, although methinks he would do better as a politician or dispensing gold bricks to the unsuspecting. His twin, Heinie, is also somewhat of a politician, and it is said that because of a certain resemblance, can swing quite a number of votes.

These twins, Palmer and Mayer, will waltz gently this way, being careful not to overturn any chairs in their travel, and I will give them each a package of Gold Dust, and hope it will remind them of the friends they have been.

## Paul Lowell.

At this time I wish to exhibit for your inspection a man who for being the sleepiest in the class deserves the medal with honorable mention. He can sleep in fifty-seven different ways and never fall from the seat. He is also quite frequently late for lectures because he oversleeps himself in the morning.

Paul Lowell, of the famous Lowell Brothers, and better known as Pete, will kindly remain awake for a short time, point his nose in this direction and start walking. I wish to give you this alarm clock and advise you to carry it along in case of emergency.

## Weaver and Mcllvaine.

Artists are handy things to have in a class, so people say, and no class is complete without several of them, but why I do not know. In our bunch there are two who are competing for honors and both seem to be running neck and neck for first place. One comes from Atlantic City, and that famous place can well be proud of him. He has been trying to fool himself for four years that he has a moustache but most of us have failed to see it yet. The other hails from some part of the Keystone State, and we notice he is becoming slightly bald, perhaps from overwork.

These artists, Weaver and McIlvaine, will rest from sketching on their programs for a few moments, and shuffle along this way. I will give them each a box of paints as a means of bringing home the bacon if they fail at medicine.

## Doran and Allebach.

Everyone will kindly hang a long face as I am now about to turn loose upon you the two grouches of the class. They will smile some day and their faces will break from ear to ear. One is noted as an expert question spotter, has discovered Hutchinson's teeth in the new-born and knows a man who habitually smokes five thousand cigarettes a day and still remains alive. I have been advised the other contemplates matrimony, which maybe is the cause of his sour look, but we hope not.

The boys will kindly make a path and allow Doran and Allebach to pass this way. To Doran I will give this dog to help him growl a little. To Allebach I will give this mirror so if he ever happens to smile he can see how pleasant he looks.

## Married Men.

The Ladies' Home Journal and other weekly papers have long ago thrashed out the question, "Is marriage a failure?" Now some people have already made up their minds as to the answer to that question, I am now going to bring forth our married men, and those that have not yet decided will be able to do so before I am through with them. As these "would-be" or "near men" march to the front, notice their unsteady gait, the dragging of the feet, their stooped shoulders, the downcast, frightened look and those bald heads. I have often wondered how and where they got the courage to "pop the question" and take the fatal plunge for better or for worse.

The orchestra will now strike up the "Dead March" and the following, with the permission of their better halves, will please drag their weary feet this way for some advice and words of encouragement. Dapp, Johnston, Ott, Gardner, Wiant, Tuttle, Goddard, McFarland, Treacy, Cressler, Wagner, and Knech.

To Dapp, Johnston and Alt I will give these little emblems which are very useful and will serve as a badge for their new offices (safety pins).

Gardner, Tuttle and Goddard from their appearance will be compelled to do the housework, so I will hand them these brooms as wedding presents from the class.

To Wiant, McFarland and Cressler I will give these bottles with nipples properly attached, and for Treacy, Knech and Wagner I have these little bottles of "Grandma's Old Secret" (Paregoric), with directions for use on each bottle. The last few men may find their little presents quite useful when they are compelled to pace the floor in the wee, small hours of the morning as members of the midnight crew.

## Dickinson, Ford and Hartzell.

With special permission from the fire department, I will now bring forth the members of the "light brigade," they being three in number. The first is a "furriner," coming to our shores from another school to get a decent education and a diploma that amounts to something. From the second, I am sure Harriet Beecher Stowe received the inspiration to create the great character, Topsy, for Uncle Tom's Cabin. The third is no doubt going to be a sailor, for he has already demonstrated his efficiency at doing the " 'long-shore dance."

This brigade, Dickinson, Hartzell and Ford, will please rise, right about face and march this way.

We never did like the color of Dickinson's hair, it seems like a danger signal to us, so I will present him with a bottle of hair dye to change it (stove polish). I could never let anyone with a name like "Topsy" get away without giving him something to remind him of his name, so here it is (negro doll baby). As Ford associates so much with sailors and is so fond of the "'long-shore dance," he will find use for this sailor suit in his travels.

## Kessler and Grove.

It seems that the cry. "Back to Nature," has even been heard in the Medical Profession, and I will now discuss two young men who intend doing great things in the near future as country doctors. They are both diligent students and remain at home almost every night-except when one of them inspects the P. R. T.'s lines that run toward South Philadelphia. Methinks this is be-
coming quite frequent of late. The other has kept his love affairs quite shady, but I have learned that "She" is hidden away in the mountains round about Johnstown.

Kessler and Grove will now ramble ventrad and receive a token and some advice. To Kessler I wish to give this ring, and if the hint is not sufficient I will state for his benefit that it is high time he got busy; he will save carfare, and besides, he needs company for that country practice he intends to take. Grove is noted for the large amount of "Five Brothers" he can consume, so I will hand him this package free of charge, and I hope it will help him pass away the weary hours while traveling over the country roads (pack of tobacco).

## Yutski and Ballinger.

Somewhere in this group of smiling faces can be found two with the Jersey smile. One has on that smile because he can ramble out of United States over to the Jersey shore, which he does quite frequently. The other has the same smile because he can often come to "God's Country" and get away from the "Land of the Skeeters."

Yutski and Ballinger will now persuade themselves that they are wanted in the limelight. To Yutski I will give this Ferry Boat for use on the Delaware, but I hope for his sake he will not need to use it long any more. To Ballinger I wish to give this netting to protect him from those chicken hawks they call mosquitoes, "Over to Jersey."

## Kramer and Wolfe.

While passing away the long hours spent holding the seats in the lecture rooms from running away, there are many things and people that we notice; among them are two members of our class. One is noted as an inventor, pianist, play writer, and this year has developed into a poet. The other I cannot say much about, but I often wonder where he gets his collection of hosiery, and admire the neat way in which he wears them.

I will now ask Kramer and Wolfe to glide this way. To Kramer, better known as "Blinkey," I wish to give this celluloid collar, and I advise you to scrub it up well each day. To Wolfe I will hand this pair of hose supporters and advise you to wear them when in company with other people.

> McNelis.

Most of us were taught our anatomy by Professor Spitzka and his assistants at Tenth and Walnut, but some went, in pursuit of aforesaid science, to the Casino Theatre, on Walnut Street, but not at Tenth. Here each week as regular as clockwork they would hie themselves, get as far front as possible, and await instruction. Among those in this class is a dear, sweet young man of my acquaintance, whom I am sure the girls will be delighted to see. I will now invite McNelis to the front for your close inspection and to him I will present this pair of stockings to remind him of his favorite study at the Casino.

## Robinhoid and Haskett.

I will not wait for your consent or approval but will now trot out my most prized exhibits. I must say that I am quite proud to show them before the public for the first time. They are the only "A-number-one" heart smashers in captivity and are worthy of close attention. Nothing attracts their attention like the rustle of a skirt or the sight of a pretty face. Will the blushing
faces of Robinhold and Haskett make their appearance before yours truly for a few moments. To "Robby" I wish to give this skirt and would like to ask why he wanted me to go easy on class day and where she sits, so I can see the cause of all his worry. To Haskett I wish to give this couch, at the request of Dr. Da Costa, so in the future he will not hurt his head while lying on the benches, being tired, as the result of his week-end visits to Frankford.

## Walter and Thomas.

I will now bring out the two dudes of the class, and you can just bet your last "kopeck" that they are our pride and joy. One spends all his spare money in getting wax for his newly created moustache and the other, because of the shape of his head is compelled to have his hats made to order, and even then complains because they do not fit properly. The girls present-the single ones I mean-will kindly refrain from making shy glances or throwing any loving smiles at them, and I will ask Walter and Thomas to meander to the center of the stage. Is it any wonder they must get police protection to keep the girls away? I will hand this hat to Walter, and I hope it will fit, and to Thomas this clothes brush, and advise him to apply it well.

## Whelan and Gottschall.

As a general rule medical students are quiet, reserved and even somewhat bashful, but the exception often proves the rule, and here comes our two exceptions. The first is a wind "jammer" of well known ability, and goes around tooting his horn whenever it is possible. Oh, how he singed Doctor Rosenberger's hair with hot air when in the lab. The other has been termed the rough neck of the class, and I hardly think they went far enough at that. His attempts at percussion would do credit to a White Hope's endeavors to caress the face of his trainer. He nearly caved in the chests of the patients with the gentle art.

Willie Whelan and Gottschall will rise, advance, give the countersign and remain at attention for a few moments. To Willie, better known as "Steve," I wish to give this bellows, which he can use to blow with if he ever runs out of hot air. To Gottschall I will hand this mallet, so he will not hurt his fist when percussing future patients.

## Klingensmith.

I guess everyone is getting tired of my continuous chatter, and to tell the truth, I am getting tired of standing here handing out hot air, but I am almost ended and, after the next gentleman, will bid a fond adieu. Anything I have said or done was meant as a joke, and I hope it will be taken as such. If anyone feels hurt because I left them out or others because I stuck them in, you can rest assured it was because of lack of time and money that they were left out, and because I needed them that the others were stuck in.

My colleague in crime, Klingensmith, will now get going his manly stride and come this way. To you I wish to present this place in the limelight that I have occupied for the last few minutes and along with it my faltering voice and shaky knees. As you have always been quite a student and fond of taking temperatures, I wish to give you this thermometer to remember this day by. Take good care of it, and use it well on your future patients.

## J. HARRISON FISHER.

# Second 鲃art of Class 羽resentation 

Volume II.
Ladies, Gentlemen and Classmates:

MY colleague Fisher has, I am sure, made clear to you the fact that we are here to knock and not to be knocked. Now if there is anybody present, who on account of what has been said or what is going to be said, contemplates any personal violence to us, I would like to state to that individual certain facts. As a means of protection we have concealed adjacent to this spot a squad of special officers, and also a sprinkling of plain clothes men, very plain. Not only that, but Fisher informs me that he has borrowed a section of Bonnel's hip artillery as an extra precaution. Now with these few preliminary remarks I shall proceed to my end of the presentation.

Colly and Degnan.
Perhaps the gloomiest man in existence is here. He hails from Vermont, and his morgue-like facies was never seen to radiate any mirth till he began to notice the antics of a certain medical instructor who has a happy faculty of doing a high-grade contortion act while lecturing.

There is another man in the class whose greatest diversion has been the imitation of this worthy pedagogue's calisthentics. Since these two gentlemen have a common interest it seems only right that they be allowed to enjoy it as long as possible.

Will Messrs. Colby and Degnan please come forward?
In order to ensure a life free from absolute malignant moroseness on Colby's part and to keep up the happy disposition of Degnan, I give them each a mechanical representation of their favorite amusement (Jumping Jacks).

> Hurff.

For several years our æsthetic tastes have been considerably shocked by a certain individual who has persisted in wearing a $U$. of $P$. necktie. We could never ascribe a reason for such actions, and we therefore think it wise not to allow this pernicious habit to proceed further.

Someone kindly shove Hurff to the front.
It is a command of the class that you "can" the Red and Blue and as a penance wear, until you are arrested, this section of Jack Cressler's haberdashery (Jack Cressler's yellow tie).

> Young Brothers.

We have with us an instance of this historical Damon and Pythias stuff, that, strange to relate, has been exemplified by two brothers. For some peculiar reason they have been most congenial during their sojourn in our midst, and for this reason our class wag, an extremely facetious person, has called them the Lamp Sisters, because he philosophizes they always go out together.

Please make way for the Young Brothers, who will now come upon the stage.
As a token your extreme love for each other, I present you these lamps with the earnest desire that you start no order of brotherly love that is anything similar to that belief originated by your predecessor, Brigham.

## Cope, Dry and Greenbaum.

Several months ago three youths of fiery temperament banded together and organized a Dutch Club, eligibility rules being blue eyes, blonde hair and a knowledge of the Berks County lingo. Time is too short for me to say much of its objects and purposes, nor is it well worth while. Suffice to say their motto is "Death to the Irish."

Cope, Dry and Greenbaum forward if you please.
Cope, you have served the club faithfully as president. In behalf of that organization, I ask you to accept this loving cup (bucket). To Dry goes this bottle of dandruff cure. We are afraid that the chronic irritation may start a cancer.

The classical, physical incarnation of the expression "butt-in"" is seen in that extremely pleasant ruminant, the goat. Greenbaum has certainly got something of this animal in several respects. Here take him, his scalp is yours. (Toy goat.)

## Heady.

Once upon a time in a far distant land which even now is noted for its ladies fair, there lived a swash-buckling hero, who had such lesser lights as John Drew, etc., back clean off the boards as a lady charmer. This roistering blade, the idol of the gentler sex, was of manly yet graceful build, but, like Samson, of a still more ancient vintage, his chief attraction lay in his hirsute adornment. Although it may not be generally known we have a reincarnation of the famous D'Artagnan in our midst. Who can forget this charming figure as he lounged gracefully over three or four rows in this clinic, twirling his carefully trimmed and waxed moustache. As the sunbeams caressed his tawny silken locks, the effect was remarkably akin to that observed on the surface of some jaundiced river struggling in the throes of a spring freshet. He proved to be such a center of attraction that even the staid and well-trained nurses fell before his charms, and many an awkward accident was directly traceable to the mere presence of this Roman Adonis in the clinic. A few jealous competitors even went so far as to claim that he purchased certain portions of his tonsorial equipment at the costumer's, but upon careful study of the case an unprejudiced jury decided they were genuine.

In order that the audience may enjoy for a few minutes the pleasure that has been ours for four years, I now call on Mr. Heady. So that the glory of your "bush" may be preserved for the admiration of your future patients, I present you with this "First Aid Kit," a box of moustache wax.

> Doyle, C. S. Moore and McLain.

The history of Medicine is replete with the names of illustrious members of the profession, who, when duty called them did not hesitate to offer up their lives in the interests of science, but we have certain members of our class who deserve a much more prominent position in the Hall of Fame, for in the pursuit of their arduous studies they have played sad havoc what lies most near to the heart of every professional man-his personal appearance.

The sad remnants of Doyle, C. S. Moore and McLain will now propel themselves hither.

There they stand, Ladies and Gentlemen, and it is with a sad and chastened mind I call your attention to the alarming alopecia which is so painfully apparent. To prevent the exposure of your denuded knobs, I give you these skull caps.

## Haas and Rose.

We have been taught that a superabundance of adipose tissue is supposed to carry with it a correspondingly large amount of good nature, but there are two weight lifters present who (according to all reports) make true the statement that nobody loves a fat man. It has been a four-year wonder how these two "wet blankets" managed to sustain the incompetent teaching, the useless attendance of clinics, the ward work and the unnecessary examinations which a nar-row-minded faculty seemed to have deemed essential to the maintenance of the Standard of a poor, struggling School. However, it is to be hoped now that these two chronic grouches have secured the only thing that has kept them at Jefferson for such a painful period of time, will take their sheepskins and join hands in showing us how a medical college should be run. If Haas and Rose care to, I would like them to stand forth.

Perhaps you can save time if you use these hammers in future knocking.
Flick.
Although the Study of Medicine is usually reserved for those of mature and seasoned intellect, by some strange mischance there entered with our class a tender child, who, even after four years, has failed to convince us that he did not mistake the college for a Kindergarten. During all this time he has disturbed our earnest labors by such childish pranks as throwing chalk, passing people up, etc., but his favorite pastime lay in bouncing a heavy steel-bound note book off the unfortunate domes of those who chanced to sit near him. Kid Flick will please look pleasant and toddle forward.

With an earnest desire that he will finally realize the near approach of adult responsibilities, I present him with the emblem of a full-grown man.

## Bibb and Dazis.

Since that eventful day when as dignified Seniors we were allowed the privilege of occupying the front rows in the clinic, certain members of the class have evinced a marked predilection for a ring-side seat. In some few cases this little peculiarity could be excused by an unsatiable thirst for knowledge, but in the case of two certain individuals it was prompted by a more sinister motive. With piercing eye they sought to hypnotize every nurse who entered the arena and their failure can perhaps be best explained by a closer inspection of these gentlemen themselves.

Davis and Bibb to the front. When trying to make a hit with the fair sex we advise you to use these cosmetics (masks).

Kinnaird and Storm.
There are two fellows in this class who assert strongly that never in their whole life have they told a lie, but because of our association with these individuals during the past several years we have decided the statement to be false. Not only that, but several months ago it was discovered by intimate friends of these miscreants that they were holding mad sessions of all-night duration in the endeavor to see which had attained the highest development in the art of prevarication. It has been of no avail, they hold equal honors, and because of our knowledge of these young gentlemen, I think they probably have it on any competitors. Please have Kinnaird and Storm pushed forward.

There is an old time-honored custom, that of rewarding liars with a dog. We think this is about all you deserve. (Frankfurters).

## Sage.

Within the confines of the State of Mississippi there is a bustling little onehorse burg which is famous for just two things. It has produced a strange race of tottering, feeble old men who spend the entire day shooting marbles, and what concerns us more closely it is the birthplace of one Abner Potts Hubert Sage. Besides being a citizen of this far-famed metropolis of the South, this long, lean individual holds the undisputed championship of the world for free-for-all catch-as-catch-can absent-mindedness. His leanness may be partially explained when we consider that he seldom remembers the road to his boarding house, unless guided thither by some of his compassionate classmates. My first thought was to present him with a keeper, whose sole duty would consist of steering him around to his patients, but when one considers the contagiousness of such an affliction one realizes the inadvisability of such a course.

Before going further, I would like to have the gentleman pass upon the stage. Perhaps the most useful article that can be given you at this time is a trolley for your hat. We hope this will be a means of keeping it with you at all times.

## Livingood and Miller.

For the past four years we have filled the benches as silent listeners, as silent in quizzes as elsewhere perhaps, but silent, enduring, patiently silent. At least once a month the sermon from home has arrived. Each week we have given audience to the landlady who desired us to take some active interest in the "kitty," at uncertain intervals the colored wash lady has requested that her palm be crossed with silver; six days out of seven the professors and demonstrators have hurled at our heads the whys and wherefors of medicine; each morning from our innocent slumbers have we been awakened by the curdled strains of the hand organ ; thrice per diem have we heard and responded to the solemn call to "scrapple." I assert again that we have been listeners, silent and enduring-as unending and distressing as these may seem they are as nothing to the voices of our two chief after-dinner, before-luncheon and between-class entertainers. These two gentlemen, I give them all credit, have never failed to listen and respond, with the same stories, it is true, but each time longer, more blood curdling, more tragic than the time before. How often has the sage of Wilmensdorf, Livingood buried old John Brown with the help of notes pinned to the lining of his coat? And yet how frequently again has Dick Miller "parried and thrust his 'trusty' through legions of the magnificent stature of Bronze-the North American Indian." Will these two gentlemen approach in silence for once, with what grace they may command?

To you, John, I give and bequeath this ring as the symbol of that which has not beginning, end or point. To you, Dick, I award this sword with the hope that your good right arm may never be so "ankylosed" as to prevent your drawing it in the cause of Maude Muller, Arizona Lil, or the Ladies.

## Richards and Torrence.

We have with us a pair of callow youths who have in the past been greatly attracted by articles other than trunks and scenery that are usually associated with stage entrance doors. They have been known to stand for hours in the rain defying cops, cold and pneumonia for a chance to "look 'em over." Because of these actions we are sure they believe in that old saying, "Don't let your studies
interfere with your college education." Now as these two gentlemen, "Pop" Richards and Torrence appear on the front of the stage, I will ask you to notice the ease with which they conduct themselves, and I am sure it will be quite a contrast to that shown by the average unwise student who cares nothing for the Bohemian Life.

At the earnest request of various footlight favorites who are only too proud to be numbered among the vast circle of acquaintance of these two gallant Beaux I have decided that nothing could be more appropriate than these barnyard necessities-chickens.

## C. Lowell.

The next man to be presented is our worthy President, who will now step into the limelight. We take great pride in the leader of the class, and we want him to always be neat. As a help to that end I give you this shoe polish.

## Fisher.

I now have the honor to present my arch conspirator and co-presenter. He has worked hard and faithfully in endeavoring to present this class, and as a token of esteem and good will. I give him this cigarette case.

It is customary to end a presentation with a piece or verse from some poem, but being a person that endeavors to keep away from routine habits in this respect I ask the class as a whole, to accept my best wishes and my blessing.
W. R. KLINGENSMITH.



HOSE who have made their immortal places in the world's reverence did not go around with a band wagon to drum up an audience. There was no guiding star in front of them, neither were fireworks discharged in their wake. They did not care to be heard for their much speaking, because they were willing to let others have an opinion. They were gentle, they were kind, they were tolerant, believing in living and letting live, and were more ready to approve than to rebuke. They walked about much like the rest of us, not knowing that their faces shown, nor their influence blest, not knowing that because they were human they came near the angles. It is not strange, therefore, that with the coming of each autumn season there gathers together a motley array from all states at Jefferson. The temple which is dedicated to Aesculapius, the Father of Medicine. Upon the walls of this token of reverence, within which the works of Hippocrates are held most sacred, are carved on wreathed tablets the names of McClellan, Gross, Mitchell, DaCosta, Meigs and Sims.

To trace each incident or to give a historical account of events in order of time of the Class of 1913 would, indeed, be a great task. History, as you know, ofttimes repeats itself, and so the history of this class is somewhat similar to the many classes which have preceded us. We have had our sorrows, our joys, our victories, our tribulations, which, taken together, have bound us in our duties by many threads, and not by a few cords of attachment. Therefore, come back with me to our Freshman year in order that we may all recall a few of the many events of the past few years.

You will remember that it was late in the month of September that we first met in the hallway of the college building. What a curious sight we
must have presented, tall, short, slim and fat. Perhaps, there were some that had a faint realization as to what was before them, but by far the greater number little realized what it was to study medicine. A few were exceedingly downcast and homesick; but we were all experiencing a sensation of great uncertainty. Each of us with our pockets filled with credentials fell into line and waited with an anxious and wondering imagination as to the result of our first visit with the Dean. With the writing of our name on Jefferson's great book, our first actual step of medical life had been taken.

The opening address, which was held in the lower amphitheatre of the college building, was indeed a most imposing sight. Call back to your minds that great sea of happy faces the Classes of 1910-11 and '12, and poor little 1913 occupying the extreme rear benches. How we listened to the multitude below singing and extolling the wares of Lydia Pinkham, and "There's a hole in the bottom of the sea" (which has always been remembered by Fisher). True, some of us were a little bold in our attempts to occupy the front benches. This was the forbidden land of the upper-classmen, and so we were soon taught the method of ancient customs, namely, that of "passing up." Under these circumstances the opening address was given, after which Dean Holland made a few remarks, and we all filed out, our hearts filled with hope, and each one full of determination to do his best during his college course. Thus was a new class born to Jefferson-the Class of 1913.

Recall how you gave your contribution to the matriculation, breakage and tuition fund; how you stumbled out into the hallway, and stood in a dazed condition attempting to think how it had all happened? Remember how you were aroused from this stupor by the appearance of a suspicious-looking individual, whose meandering glance had been following you continually? How he greeted you with a preliminary "Good morning, Doctor?" Perhaps, since you had not as yet received the light of day, you failed to diagnose this person as a parasite, the book agent, from which escape meant only to encounter another one more slimy and tenacious. Some escaped from him, but all were not equally successful, and so took, therefore, the advice of the one who was more than anxious to see us start upon the road to success laden with the text books which he thought we would need. We then went in search of another classmate, offering to share with him room, bed and troubles, proving, thereby, the statement that misery loves company.

The day following the opening address brought forth the assemblage of classes which for several weeks consisted only of lectures. We thought this was a snap, little thinking what was in store for us when section work began. The class was divided into three sections, and with the opening of the laboratories began work in Histology, Anatomy and Pharmacy, respectively. Recollect how you armed yourself with a huge notebook to meet Doctor Radash, who was to lecture on something strange in Histology. He talked about Fixation, Hardening, Dehydration and many other foreign subjects, while we sat on the benches and looked wise, taking notes which no one could decipher. How he impressed upon us the fact that the main object of our lives was to memorize his compend. Remember how you spent a lifetime during your nine weeks' association with Creosote, Methylene Blue and Balsam? How the air would suddenly be pierced by a soft voice saying, "There 'are' too much noise?"

Your first dissection! Can you see those long rows of tables supporting a dog or a cat? This was the beginning of many interesting hours spent in the dissecting room, searching into the mysteries of the dead, destroying much and learning apparently little.

A class election was held early in the year. The meeting was called to order by Livingood, who stated that he had had more experience in such affairs than the rest of us. The result of the election was the subsequent choosing of Wiant for president.

Our first real clash with the Sophomores came early in the year, they having decided that we could not leave the college building through the main entrance. My, what delusions, because they soon learned that the Class of 1913 were their equals if not their masters.

Early in December the Faculty tendered us a reception. This act of kindness toward us was greatly appreciated. It served to bring the members of the faculty and students into closer relation.

It hardly seemed possible that Xmas vacation could have arrived so soon. In fact, it was a matter of history before we realized it. Remember what an important person you were with your great amount of medical knowledge? How much more we knew then than we do now.

We were also honored, shortly after our return from the holidays, by a most cordial reception and entertainment given by the Ladies' Auxiliary of Jefferson. It was a rare treat and greatly enjoyed by all.

After New Year's the time passed rapidly by. We became familiar with the routine of work, and so out of the maze we began to grasp that which was expected of us. We put our shoulders to the wheel, as there now begin to loom up the spectre of the finals. What a difficult task this was because the vernal fever was stretching forth its hands to pull us away from our books. We burned the midnight oil to commit Gray's Anatomy, as well as attempting to become authorities in Chemistry, Materia Medica and Physiology. However, at last the lectures were over, and only the final examinations remained. One by one they came: we wrote our answers, and then we scattered. Our first year was over. We had laid a stepping-stone for our medical careers and so we welcomed a vacation that we might regain renewed strength for another year's work.

The summer's vacation over, we returned to paint the second scene over the broad blank space before us. Afterthought had held her post-mortem upon the history of each of us for the year before, and so forethought with the gift of prophecy had given us hope. We returned, therefore, with the determination to get something done, to have an end to all debate, to act. Some of the faces of the year before had disappeared, due, so it was said, to their being dissatisfied with the treatment received at the hands of the faculty, and so they entered other halls of learning. Their places were refilled by several new ones, who had been tried out the previous year at other points of the medical circuit.

The opening address was delivered by Dean Holland in the clinical amphitheatre of the hospital. How different were the conditions as compared with that of the vear before. Now we were Sophomores-bold, important, demonstrative, with a swollen and edematous cephalic extremity. That was the way we felt, and sincerely so.

In the latter part of October we were given our right of franchise to ballot. This election for class officers was a most exciting one. When the battle of the ballots had been determined the result showed that Rose was the choice of the freeholders.

During the second year we were ushered into Pathology. We thought it very difficult; in fact, it appeared as the one great obstacle to our happy progress. It was met everywhere, class, quiz and post-mortem rooms, as well as in the laboratory. We entered the dissecting room for the last time, to prepare to bid farewell to the red-robed demonstrators. We attended, also, the demonstrations on the brain so kindly given to us by Doctor Dehoney. We prepared to bid adieu at the end of the year to Doctors Holland, Brubaker and Spitzka. Happy, naturally, to know that we were gradually moving along, but sorry indeed to think that we would soon pass from under their guiding hands and away from their kind words of welcome and advice.

The annual scrap with the Freshmen occurred without any fatal results. We tried to steer them right by several methods, as doing turns at the Casino, and sending a few to Chester by the water route in an embarrassed financial condition.

The Physiology prize was won by Lummis ; the Chemistry, by Thysell.
Thus did our second year pass. Xmas with its cheer came and went, soon to be followed by Easter with its vacation. Examination time was soon upon us. Remember how we worried-how Doran had all the questions spotted? Those were indeed exciting and anxious times. Luckily, however, most of us came through the ordeal entirely free to enjoy another summer with our friends at home.

The third year found our ranks somewhat shattered. A weeding-out process had overtaken us; but what is true in all walks of life was equally true in this instance. Where one had fallen there was another to take his place. We had gained many new members from the southern schools.

The opening address was given by Doctor J. C. DaCosta, who spoke of the life and the works of Doctor Samuel D. Gross. It was a most interesting address, due not only to the character of the subject matter, but also to the able manner in which it was delivered.

The class was organized very quickly, and the choice fell to Richards as the one who should guide our destinies.

It is with a feeling of sadness that we must record the death of one of our classmates, Mr. F. J. Keys. He entered with us at the beginning of the second year. We, his friends, silently mourn the loss of one who had hoped that his life might be spent in relieving the sore and the afflicted.

The year passed by without anything of great interest happening. We continued to meet Doctor Coplin in the lower amphitheatre. We became accustomed to the benches, due to the fact that an infiltration of tissue had occurred over our tuberosities.

We really began to feel as though we were studying medicine. We took our turns with the guinea pigs and the culture media. Thus we served food to the bacteria, so that we might study the tendencies and the characteristics of every "bug" in the world of micro-organisms. The nine weeks in this department passed quickly by, due to the ever ready wit of our instructorDoctor Rosenberger.

Recall the forcible and the energetic manner in which we were instructed in regard to the method of using drugs when applied to the "higher walks of life," and how this method was contrasted with that used in the "middle" and the "lower walks."

And so it was with great interest that we listened to the lectures of Doctors Hare, Davis, McClellan and Gibbon. We all appreciate their efforts, and assure them that the hours spent with them will always be remembered.

We come now to the fourth and the last year-our goal has almost been reached-by following a road that was crowded in the very beginning, but which has become thinner the further along we have traveled. It was with a reeling of both sadness and gladness that we entered upon the last lap. Glad to think that we would soon be ready to go and fight the battles of the world alone-to practice the art which has been so carefully taught us during the time at Jefferson. Sad to think of the breaking apart of the friendships which have been formed during the college course.

The opening address was given by Doctor Brubaker. He spoke of the history of medicine. It was very interesting, instructive as well as an appropriate address.

As far as the class as a whole is concerned there is no great event to chronicle. We were assigned to section and ward work throughout the year. We have met the final examinations and, being successful, we are here to-day.

Therefore the history of the Class of 1913 is drawn to a close. There are many minor incidents that might have been recorded-many individual characteristics that probably should be mentioned; but it is hoped that each will recall them at some future time.

You will remember how we approached the bridge that crosses the threshold of life. We are now standing on the edge-in the springtime of our careers, each filled with joy, hopes and desires. We realize that we are servants, a proud distinction, in fact an honorary degree. It implies that for value received the full value is given. No man can rise to such an altitude as to be above the status of a servant. Therefore, as we walk across the bridge that spans our lives, may the laurel wreaths of victory won again rest upon our brows, and may our feet tread round after round of the ladder that leads to fame. May we

[^1]PAUL E. HASKETT.


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EARILY the class drags their "peds" into the west lecture room prior to the entrance of Prof. Hare, all worn out from previous attacks made upon them by many of the faculty with discourses pertaining to medicine. One fellow, glad that the day was nearly gone, could be heard piping "Nearer My God to Thee"and appropriate indeed is this song, for we are about "all in" at this time.

Yet after a moment's rest, hostilities often commence. "Rough Neck" Godshall starts the fireworks by yelling forth the noble-spirited song of "Hail, Hail, the Gang's All Here," and suit is followed by the whole class. Really, to my mind, pedestrians on Walnut and Tenth Streets surely must wonder where such hideous and infernal noises are coming from.

Off in a corner of the lecture room can be seen a modest youth reading the latest edition of the "Bulletin" when one of the "rough necks" discovers the fact and immediately plans are laid for a conflagration of this piece of high literature. Sneaking gently up to the individual the manuscript is light-ed,-then just as Nero watched beautiful Rome burning, so we watch this mysterious element fire slowly but surely eating away the flagrant paper and, in the meantime, the possessor of same, being unconscious of its burning, suddenly scared by the burst of flame, he hurls the paper from him, naturally throwing it on his neighbor and thus you can imagine the noise, disturbance, smoke, etc., that is caused by the passage of the paper from place to place, until finally the last flame flickers from it.

Not content with this, one clique of gentlemen begin to formulate plans for the removal of "Dr." Bonnell from his seat of honor on the first row. By a systematized set of signals the "honorable" Bonnell is suddenly seized, and just as a comet shoots about in the heavens so Bonnell is seized as if by Satan himself, and finds himself hurled about in the air by many sturdy, helping hands. Can you picture him tossing about, head down, one foot here and another there? But surely and steadily his figure is carried to the highest part of the house, where he is deposited in by no means a gentle mannerand as Longfellow would have expressed it: "As a feather is wafted downward from an eagle in his flight." Enraged by this meteoric flight, Bonnell ventures to make some caustic remarks for which he is immediately rewarded by being passed down to his former place.

The attention is now attracted to a lone figure sitting on the second row, whose beaming face emits sunshine in all directions, and on account of his portly shape and red-streaked, full-moon face, is quite popular with the boys.

Dear old Jack Cressler, as Joe Pancoast would say-how he sits there serenely gazing upon his self-made cigarette and meditating the following lines:

[^2]But lo-behold, as if the gods were conspiring against him, flashes of flame are seen traveling towarås him from one particular set of gentlemen behind him. These flames increase in number and velocity and now come from all directions, each resembling in itself a shooting star and brings to my mind Tennyson's words:

> Matches to right of him, Matches to left of him, Matches in front of him, Volleyed and tiundered, Stormed at with fire and shell, Came they with aim and well Onto the head of Jack Came the fiery matches.

Indeed, the laughter provoked by Jack's trying to protect himself from being burned alive was enough to change that sun-beaming face to one of gloom and uneasiness. With the cessation of this cannonading Jack portrayed a sad picture indeed; disheveled, weak, puffy, and eyes staring wildly as if saying:
"Blow, blow thou winter wind,
Thou art not so unkind
As man's ingratitude.
Thy tooth is not so keen
Because thou art not seen,
Altho thy breath be rude."
And now one might think that after such demonstrations of frivolity the class would quiet down-but nay-the momentary calm that follows the last storm is disturbed by the barking of apparently a dog-but no-it's only Flick imitating one-yes, and he follows this up by stealing all of the chalk from the counter and hurling the pieces about the room, hitting anyone and any place much to the amusement of those that are not struck. And can't you all picture "Dutch" Cope's sunny features disturbed suddenly by a piece of chalk landing on his partly bald head much to everyone's amusement?

Again, plans are made for Bonnell to take another upward journey, and, as he is lifted up and tossed about as if on a stormy sea, Prof. Hare is seen to enter. Bonnell is dropped, no matter where he's at, cheers start up for our venerable professor and noises ensue such as only wild men can make. Prof. Hare then begins to tell of ancient history in which he has learned that the site of Jefferson was once occupied by a wilderness and howling men-then remarks that the wilderness has gone but the howling still remains.


URING the last two years several of our classmates would often meet at different "free lunch counters" until it became known what their object was, and then they in defense of their craving appetite decided to organize the now well-known "Free Lunch Club."

A special meeting was called to order one evening after Heineberg's quiz class, and all the men were invited to attend who had been seen hanging around lunch counters and who put up the appearance of being able to carry a good load of wet goods besides all the grub they could grab.

At this meeting, called to order by Livingood, the following were elected charter members:

| Miller | Robinhold | R. W. Campbell | Livingood |
| :--- | :--- | :--- | :--- |
| Lummis | Haskett | Dickinson |  |

Since this meeting the brothers have spotted other classmates, and they showing full qualifications have been elected members, giving us the following roll call:

Miller
Lummis
Robinhold
Haskett

Livingood<br>R. W. Campbell<br>Dickinson<br>Murphy

Fisher
P. Lowell

Ford
Heady
C. S. Moore

Dry
Allen
Weaver

Motro-Never buy a beer unless you can eat a meal of free lunch.
Оbject-To better the friendship between the Dutch and the Irish.

## Qualifications-

(1) Must be able to carry an unlimited number of beers without becoming loud.
(2) Must know all free lunch distributors, patronize them and know the shortest route to them.
(3) Must be willing to cut a class occasionally to go with a brother who is hungry and wishes for a beer.
(4) Must have the nerve to repeatedly leave his drink and walk to the lunch bar.

Rules-
(I) Never disgrace the bunch by drinking a short beer, always take a "big one."
(2) Never go to Marconi's because it's necessary to have company and costs too much.
(3) Know the treatment for the morning after the night before; in other words, know the dose of Fowler's solution.

The places to be patronized and their menus are:

Brills'.
Cheese with beer.
Summer sausage with beer.
Bread with beer.
Trainers':
Ham sandwich with beer.
Pretzels and cheese with beer.
Eagle, S. iith St.
Doggies and pretzels with beer.
Morris'.
Beef sandwiches with beer.

Martin's.
Biggest glass of beer in the city.
Cheese with beer.
Bread and bologna with beer.
Sardines with beer.
Herring with beer.

## Continental.

Crab salad with beer.
Potato salad with beer.
Beef sandwiches with beer.

# Thoughts Suggested by a Certain $\mathbb{E} x a m$. 

High in the midst surrounded by his "peers," Magnus, his ample front sublime uprears; Standing in his place of vantage, he seems a god, While Sophs. and Juniors tremble at his nod. As all around sit wrapt in speechless gloom, His voice in dictates passes through the room Denouncing dire reproach to luckless fools, Unskilled to plod in Pathologic rules.

The man who hopes $\mathrm{t}^{\prime}$ obtain the passing mark, Must in one posture sit and ne'er depart; Nor stop, but rattle over every wordNo matter what, so it can not be heard. Thus, let him hurry on, nor think to rest; Who writes the fastest's sure to write the best; Who scatters most within the shortest space, May safely hope to win that wordy race.

## Associated 引习ress fetws

Just when we thought the serious issues of the fourth year had dispelled all spirit of adventure, we were alarmed by rumors of the captivity of another from our midst into the bondage of matrimony.

It was only a rumor, and such things have been heard before concerning more serious even than Johnson; Beck says he knew all the while, but no one was convinced 'til a chosen few produced the undeniable evidence in black and white-too late however for the class to be of any material assistance in conducting the ceremony.

But we witnessed the joyful result in the radiance of the groom as he made his public confession and apologies two days later. Even the microbes participated (as Montie said) in the applause which followed our expression of the forgiveness and approval of the class whose best wishes follow him always.

## fttrs. Solomon's Song



EHOLD, my daughter, I have lost my appendix, and my conscience is clear. Therefor do I fear but three things in all the world, and the first of these is a mouse and the second is an M. D., but the third is a trained Nurse. For I have watched her in her work and I charge thee that in the flutter of her apron there lurketh more danger than in the chorus of a comic opera, for a chorus girl practiceth her wiles upon strong men, she seeketh him only that is stricken and at her mercy. Yea, when he is down and out she getteth in her fine work. Upon her head she weareth a cute cap which glorieth as a halo in his sight. She walketh upon heels of velvet and cooeth unto him in a voice of silver. Her smile runneth over, and won't come off. She hath dove's eyes. She batheth his brow with spikenard and myrrh, and anointeth him with alcohol. She arrangeth his pillows and comforteth his soul with words of cheer. She taketh his pulse. He yearneth to be babied, and she babieth him. He pincth for sympathy, and she sympathizeth. He seeketh comfort and she maketh him comfortable. What chance hath a damsel at a pink tea beside a ministering angel such as these? What strength is there in a sick man that he shall flee before all the temptation of St. Anthony in one bundle? Nay, though he is of stone and adamant, though his heart be encased in barbed wire, yet shall he turn upon his pillow sighing, "Alas, Miriam is alright, but a wife was never like this."

Yet how guileless is human nature, for you will keep your silver in a strong box and your jewels behind bars of iron, yet will ye trust your beloved in the hands of one of these. Verily, verily, the Lorelei is passed and witches are no more, but a little trained nurse is a dangerous thing. "Saleb."

## ( $\mathfrak{B x}$ tray Cbick

It was a very pleasant day in January and the flock was gathered to view an operation in the amphitheatre. One of the young chicks, Mr. Heuler, strayed from the habitation of the flock into the arena.

Being ectopically situated it was not long ere he obstructed the view of the flock by straying away from under the protecting wing of the operator. The flock voiced its protests by varied calls and hisses which greatly embarrassed this poor chick until the operator cooed softly to it, "come here under my protection."

## Observations

In Doctor Cohen's clinic a private patient, who had an enlarged thyroid gland, was brought in, and as she sat upon the chair she nonchalantly placed one knee upon the other, and innocently exposed an expanse of Onyx.

The entire class immediately became interested in the case, and Doctor Cohen, noting the interest, asked the class to tell him what they observed. About 30 per cent. who had listened to the history said, "enlarged thyroid," the remainder of the class made a note of the Onyx exhibit.

## Jfat 1 Foot Clinic

John Jones, colored, was wheeled into the arena and, assisted by the railing, the active use of his hands, and the steadying help of the attending nurse and ever active (?) orderly, mounted the steps leading to the Orthopedic stage. Unfortunately for Jones his occupation was that of a gardener, and in discharging his duties he was obliged to spend the greater part of his time upon his feet. Now, it seems almost unnecessary to add that the feet in the majority of the members of the colored race are flat and everted.

Dr. Wilson asked Jones to walk across the table, and in executing this request Jones moved slowly and hesitatingly, probably on account of the height of the table which was approximately five feet.

Jones was now permitted to sit upon a stool placed upon one end of the table, and Dr. Wilson asked the class to observe the feet. Livingood and Hartzell immediately became very attentive.

After speaking on the appearance of flat feet and their position in walking, and comparing these feet to the normal feet as seen in sandaled Japanese and the Arabs associated with the "Garden of Allah" company, Dr. Wilson illustrated the actions and flexibilities of the normal foot, by ascending and descending the steps in the arena.

Turning to the class, Dr. Wilson enumerated the causes of "flat foot" as, military and dancing positions, walking with toes turned out, and the wearing of ill-fitting shoes. At this time the orthopedic surgeon looked up to the class probably for inspiration, but as subsequent proceedings showed he looked for shoes and soon discovered Murphy's shoes, upon which he commented as being a typical example of the modern shoe, essentially unorthopedic. Most of the fellows, after hearing this. removed their feet from the railing, except Wolfe, who being more deliberate in his action, allowed his feet to remain long enough for Dr. Wilson to see them. These shoes were almost clumsy enough to be called orthopedic.

The class looked to Livingood and Hartzell to exhibit their pedal extremities in order that the orthopedic department might become acquainted with living examples of the application of Orthopedic principles but, alas! these men did not have the courage to exhibit their convictions so their feet remained hidden.

Hartzell and Livingood were very attentive to this dissertation on shoes, and no less interested were Dry, Treacy, Cocke, Kinnaird, R. W. Campbell, Flick, Heady and Beck.

## ftlatyematical Mapsus \#inguae

Doctor Kalteyer-What percentage of deaths result from perforation in an attack of enteric fever?

Walker-To whom the question was referred delayed for a few moments, and Dr. Kalteyer again took up the discussion. Nine per cent. is the mortality rate and death results from either hemorrhage, toxemia or perforation. Onethird of these is due to perforatior, i. e., more than all the others.


## (fuess

I know a "prof"-fair to see, Beware;
He can both stern and friendly be, Prepare;
His exams. are stiff and so is he.
He rather has a portly snape.
Take care,
Which can be measured by a good-sized tape, Beware,-
Lest into your eyes he should stare.
He has visions of the morbid dead, Beware;
And much cold blood he doth shed,
Take care,-
For a fool's cap he may place upon thine head.
Can you fellow students guess,
Beware unless you get into a mess.
Whom of your faculty this may be?
Why-it's your professor of pathology.

## 

Young men of feigned senility,
Let not an eccentricity
Overcome your rationality,-
So cut those moustaches off.
Should Darwin see you he would think,
He'd surely found the missing link.
For such a thought we readily shrink.
Oh-cut those moustaches off.
You think, perhaps to make a hit,
By substituting age for wit,
Your scheme will aid you not a bit,
So cut those moustaches off.
Now straighten up and be a man.
Visit a barber if you can,
Or do it yourself-a cheaper plan.
Please cut those moustaches off.

## Co Johnston

He followed his own calling
Throughout his single life.
But those were the good old days.
But now that he is married
The calling of his wife.

## To 1 ford

Herr Ford hat ein edel Kopf,
Es ist wie feuer rot,
Und ist mir immer wunderbar Es brennt ihn nicht zum Tod.

## Soble tanurell

Laugh and the world laughs with you, so everybody says, But lavgh at Bonneil,
And he thinks its h-11
To laugh at one so noble as he.

## fanmell

Bonnell talks like a book,
The whole class doth say,
But what a pity he doesn't
Shut up in the same way.


## $\mathfrak{A} \mathfrak{y f e w}$ Adaptations

"Daily Helps" Thornton's Formulary
"Revival of Learning" Before the Exams.
"Call of the Wild" ..... Flick's barking
"At the Front" . Allebach at the very front of the class-Alphabetically only
"The Innocents Abroad" .........The Senior Class in Montgomery's Clinic
"In the Fog" "Bill" Whelan in the Therapeutic Exam.
"Twice Told Tales" Prof. Hare's Lectures
"The Rivals" Rose and Haas-for weight
"The Yankee Prince" ..... Colby
"Romeo and Juliet" Beebe and Marshall
"The Three Twins" Doran, Weatherby and Bonnell (Grouches)
"Old Curiosity Shops" Wentz's Locker
"Bleak House" Dugan's Lecture
"The Servant in the House" "Davy" Dry in Hare's Clinic
"The Great Divide" Alley between Hospital and College
"Bright Eyes" Jack Cressler
"Past and Present" Johnson-single and married
"Pilgrim's Progress" . . . . . Creeping up to the 6th Floor for DaCosta's Lecture

## ftodern Treatment

Women's Cramp:
Two to three grains of quinine in two glassfuls of water before breakfast.Geo. W. Spencer, M.D.
Shock:
External heat, stimulants, salt and strychnine.-F. R. Lummis.
Persistent Nausea and Vomiting:
Clean out the stomach, introduce through tube hydrargyri chloridium nitis gr. $v$ and sodium bicarbonate gr. $x$, then tightly pack the esophagus with io per cent. iodoform gauze. This may be supplemented by a bilateral mammectomy.
Rhewmatoid Arthritis or Arthritis Deformans:
Radio-active-radiolized water, or water in which the emanations from radium are dissolved.-Dr. Cohen.

Dr. Davis-Strychnine has a remarkable field in the treatment of sepsis. It combats the effect of sepsis upon the ganglionic nervous system.

## Incomplete Abortion:

Treat like a normal labor by packing the uterus.
A soft diet for cases of Gastric Ulcer is submitted by Dr. Geo. W. Spencer, who is well known for his accurate method of diagnosticating carcinoma which is, "If the patient dies it is cancer, if he lives three or four years it is not cancer."

The diet consists of calf's brains and minced thymus or sweetbreads; no directions were given so that it might be safely prescribed. Ter in diem, Pro Re Nata, or ad libitum.

## ftlonograpiys Consulted

"The Technic of Absent Treatment for Transverse Presentation."
"Osteopathic Management of Diphtheria."
"Mechanotherapeutic Treatment for Myopia."
"Christian Science Treatment for Stricture of the Urethra."
"Homeopathic cure of Eclampsia."
"Influence of Exercise in Complete Tears of the Perineum."
"Chiropractic Treatment of Delirium Tremens"
"Freud's Psychanalysis for Relief of Traumatic Epilepsy."
"Hydrotherapy as a Curative Agent in Eczema."
"Electrotherapeutics for Lues Venera."
"The Influence of new thought on vicious unions and ununited Fractures."

## Ifront kow Gang

If one should happen to see our class leaving a classroom to attend clinic, one will naturally inquire why a dozen or more of the boys are in so great a hurry to get there.

It is for the purpose of explaining their object that I will now write their names and designate them as the "Front Row Gang," which name is well suited, as these are the fellows that often nearly break their necks just to perch on the front row. If their ambition to become doctors is as great as to land a place on the first row, I know they will be successful.

Motto-"We must have our regular places on the front row."
Guilty Ones:

| Ballinger | Krauss |
| :--- | :--- |
| Bibb | Quinn |
| Wayland | Dry |
| McFarland | Wolfe (p) |
| Thysell | Cope (p) |
| Downs (x) | Degnan |

(x) Sits on the first row until he is passed up.
(p) Only sit on the first row when they are sure no one will quiz.

## 

Guests-Heady, Livingood, Lummis, Robinhold, R. W. Campbell, Dickinson.

Place-Continental, et cetera.
Program.
Campbell amused the crowd by raising his left eyebrow ad libitum.
R. H. Miller related many amusing incidents of his early life with the Sioux Indians. Poetry was profuse.

Robinhold laughed and saw that everybody was supplied with the necessary refreshments.

Dickinson slept most of the time.
Heady smoked excessively.
Livingood told his customary ancient legends and laughed alone.
Lummis-Fortunately for him, he did not stay for the entire party.

## Antithesis, Sequence, Concentration

Doctor Kalteyer-Will you differentiate mumps and Parotid bubo.
Flick-Mumps is a bilateral affection while bubo is as a rule limited to one side or the other. Mumps can further be distinguished from Measles (class interrupts answer by laughter).

# Thergiene of a ftledical Sturent 



TIMULATED by an alarm clock at 8.00 A.M., he jumps from bed, hurries through a cold splash, and runs for the boarding house before he is locked out.

Breakfast of corn flakes, eggs "one side" and coffee-"bolted" and the chase to coilege resumed.

The daily routine begins with a climb of six flights of stairs to first lecture where he sits bolt upright trying to catch his breath and his wits, and making frantic attempts at taking down notes with cold fingers, in this position he digests (?) his breakfast.

At the end of an hour down stairs again and across to the hospital receiving a cold shower on the way if it happens to be a rainy day.

Now he sits one hour in a cold clinic room to lower the temperature raised by his preceding exercise.

Back to the locker room for a change to still thinner clothing and another shower bath (hats not permitted). Two hours in the hospital wards, taking patients' breath, and stirring up their anatomy, at the direction of demonstrators or a hot steam bath in an operating room in the upright position with an iron rail for sole support. Back to the locker for another change at 1.00 P. M. and an hour in clinic room which by this time has reached the other extreme of temperature, and after a thorough baking he is released to try to eat quickly enough to be back in less than an hour.

Pork chops and potatoes, or Frankfurt and "doggies" this time. Back to work at 2.45 or 3.00 P. M. for further toleration of demonstrators, which may be preceded by outdoor exercise if it's maternity day.

Another change, and one more clinic hour between daylight and dark, hot and slow enough to put the best of us to sleep, but by a great effort he stays awake until the end. Cools off on his way back to college building and steps into his car-bon-dioxide bath in lower amphitheater, for an hour's maceration, with tobacco fumes for flavoring. His mental activity becomes more depressed as he listens in vain for knowledge, and when released finds his appetite for supper is entirely gone.

This time he eats what has remained from the other two meals, with soup and dessert to make it seem different.

In the evening quizzes from 7.00 to 9.00 in the clean, sanitary and ventilated rooms, the last hour he has only his nerve to work on, and his neighbor's back to lean against.

Settled in his room at work from 9.30 to $12-\mathrm{I}-$ ? disturbed by trolley cars, fire apparatuses and wagon wheels, in front, and cat calls coming up through the window behind.

Retires when his brain at last refuses to keep on, to sleep fitfully, disturbed by the noise of his neighbor, and ever expecting maternity calls or dispensary cases if he falls too soundly asleep, especially if it be a cold, wet night outside.


## Sophorific Society

> "We indeed have heard
> Of sleeping beauty and it has appeared.
> 'Tis seen in infants there indeed we find The features softened by the slumbering mind; But other beauties, when disposed to sleep. Should from the eye of keen inspectors keep: Sleep from the fairest face some beauty takes, And all the homely features homelier makes."

CRARBE.
Motto-To perpetuate beauty.
To avoid irritation by hearing lectures.
Officers.

Members.

| Lowell, P. | Dry |
| :--- | :--- |
| Johnson | Beebe |
| Marshall | Garrison |
| Richards | O'Hara |

## History of Incipiency.

First noticed in Freshman year that the above gentlemen had tendencies to dozing, no matter where they were or what lecture they attended. This was most marked in Rose and P. Lowell, whose sleepiness would commence as early as 9.15 A . M. and continue throughout the remaining lectures of the day. It seems as if envious of the attitude assumed by Rose and Lowell in their sleeping, the other gentlemen began to follow suit, and therefore this cherished organization was ordained. Mr. Dickinson, who entered college in the Junior year, was immediately recognized as a valuable adjunct to the society, and therefore unanimously elected to membership, and on account of living up to requirements has assumed a position next only to Rose in importance.

## Meeting Place.

Lecture rooms, recitation halls and clinics. Special meetings being held in Stewart's clinic and Coplin's lecture.

## Order of Proceedings.

President Rose always starts ceremonies by going into the land of dreams at a very early period-then he emanates drowsiness in all directions, and on account of the hypersusceptibility of the other members to these emanations they slowly but surely enter the pleasant fields of God Morpheus.

## Appearance.

Rose-Big, brawny individual, in an upright position, locates himself near the roof of the house, is apparently comfortable and unconscious of surroundings, mouth widely open and occasionally snoring.

Dickinson-Seeks location behind lecturer, assumes a prone position and one looking at him from a distance can see rays of light streaming from his red head.

Lowell-This gentleman is always asleep.
Dry-Selects the first row for his nap-but the peculiarity of his sleep being that one eye is always open and that wakefulness is produced by the slightest disturbance.

The other members all select places of comfort and assume positions almost unimaginable.

## Effect on Student Body.

Tendency to divert the attention of the student body to the ridiculous appearance and peculiar picture afforded by Rose and his clan of sleepy heads. As to a probable cure for the existence of such a clan, Dr. Graham would probably ask Rose to outline specifically the course pursued in treatment. Of course, treat the underlying cause, which probably here is keeping "good hours" and along with this Thyroid extract 1 gr. T. I. D. would probably have salutary effects.

Note-A special meeting was held January 14, 1913, in Dr. Stewart's clinicall members participated and the following remark was made by Dr. Stewart: "It has been a long time since I have given anesthetics, but I do not seem to have lost the power of producing anesthesia."

## $1913 \mathbb{C r u i s e}$

In a Little-tone called Vernon lives Arn-old Weaver named Jacob, who Haas four sons.

Now Jacobsons are all Young and away at school, always Livin-good lives and WorK-in-nard until influenced by the two sons of a Miller named Richards, recently arrived from Tip-tone.

Richards'ons at once became very friendly and soon had the others at their Beck and call. It resulted in their all joining to Ma-K-a-plan for a Merry-day off once a week, and a Cruice if the Weather-by fine.

It was decided; and one beautiful morning when things went wrong, the Ink-rote badly, and the O'Hara got the best of them. Up Rose Richards'ons, opened the Dor-an slid out. The others soon Rose-n-thal ran to a spot on the river where they knew a boat was Moore'd off shore, owned by two Fisher-men who lived in a hut nearby.
"Wi-ant got no boat," said one. "We had to Palm-er off for our winter food supply."
"And this Wolf-dog Has-Kett-ched better men than you around here, so just Yut-sky-doo," growled the other. But the dog began Wag-n-er tail in friendliness; so while some shut the old Fisher-men in the hut, others Freed the boat lines, and began to Heul-er in. Quickly they jumped on board, and Rarig the sails, sped away down past the Garrison and out of the harbor, singing all the while:
"O'Brien-y deep, so wide;
What Bliss lies on thy tide!"
until finally they Went-zo far a-Way-land seemed to fade. They had not noticed that it was growing darker until drops of rain began to Flick their faces, and suddenly a Storm broke forth with Torrence of rain and such a Tempest-o' wind!

By Robin-hold they found some Garb-er other in which to wrap themselves, one Coward begging that they should All-bach out and start another day, but too late now, the sturdy craft kept Buck-n-er way straight on to Mac-Far-land before noon. All at once the mast seemed to be Bu-be-nt nearly double and, like a Bal-linger-ing for a moment on the crest of a wave they rolled off into a trough that would have swamped them, had not the helmsman been quick to Kram-er over, the Gib-son filled and the course was Alt-ered in a safer direction. By sounding now they found the water gradually Gott-schall-ow, which told them they would soon Strick-land.

All were Col-by this time, and had to keep Ruben themselves to prevent getting stiff, but now the wind subsides, the rain Haz-lett up and a Rhea of sunlight suddenly discloses an island Wright a-Head-y them with a sheltered cove in which to Moore the boat.

There was great difficulty to Cope with in landing, a Marsh-all along the shore to Krauss, and a thicket of Sage-brush through which to crawl, but carefully Tracy-ng their way to the Heist ground they discovered Davies paths leading in all directions. They selected one and followed it, but it led over many ups and Downs, with here a Stone Wal-ter climb and there a stream to Ford, until the slow Walkers were nearly All-en, but the leader spying a Gardner Whelan along a load of Bran-on his barrow, shouted to him, saying, "Hay-wood, you show us, good fellow, where we may have a fire and cook our dinner?" "Yes," he replied. "There is a Camp-bell-on in a Grove near two Lo-zvells filled with the purest water." This suited them fine, and thanking him they were soon in sight of the place.

For a fire they only had Tho-mas wood on the fireplace, which started at once to Burn-hardt in spite of the Green-baums they used, until they had a mass of glowing Coles before which to Dry themselves and cook.

What a feast they had! Hart-zell crabs, baked Murphys, well-Dun-ham and Brown-bread, with Fig-ley-er cake and Quin-ce sauce for dessert, with Cocke-tails in between.

No style here with Bibbs and Doylies, but even so, who could Kes-slers on this meal? It was simply fit for a King.

They ate and drank until not a Whitt-more remained, and then they realized they must Hur-'ff. They reached home before dark.

The trip was safely made, but as they approached the school what should they see but the Dapp-er form of the little Mayer just leaving, after investigating the story of the stolen boat.

Early next morning their names were called to go to the office. Degnan first, then Thompson, Vernon, Mager, Davis and Johnson, until they were all lined up, when Lummis, the master, sternly demanded, "Young men, explain Thy-sell-vs." They had Tut-tel the whole story-Yea-klear through to the end, and then Schwar-tza. God-d-ard-ently adhere to the rules as long as they remained, but there was Gonsolezion in the fact that their only excursion had been a success anyway.

Note.-For correct spelling consult "Webster."

# "Che fllan 㿟igher $\mathfrak{U l p}$ " 

## $\mathfrak{A}$ ※apiò ※ise-not to $\mathfrak{G l o r y}$ nor to ※irbes



HE following incident was possible only as a result of the courtesy of Dr. S. MacCuen Smith, who allowed the Class of 1913 a breathing spell of fifteen minutes before his clinic on January 13, 1913. A breathing spell is much appreciated by the class, especially by those who, during their stay in Philadelphia, have become victims of chronic gastritis (with apologies to all surgeons for using the word), and who are so busy attending to their work as Seniors that they do not have time to belch between the hours of $9 \mathrm{~A} . \mathrm{M}$. and $6 \mathrm{P} . \mathrm{M}$.

The minds of all the students were variously occupied, some perfectly at rest, others studiously engaged, and some contemplating an uprising as was soon to be evident.

Clyde James Bibb, a man small in stature to be true, but in some other ways mighty, rose to his feet and valiantly tried to influence the class to heed his heroic cries of, "All out!" "Fellows let's go!" "All out!"

This started the uprising, which was far from what this Senior wished it to be, because he did not expect all of the class to agree to an uprising in the manner in which they did. It was an opportune moment and the class immediately took possession of it, much to their own amusement and the chagrin and discomfort of our friend, Bibb.

Now, this game of "Passing Him Up" is an old one to the members of our class as Bonnell will attest, and his testimony will be corroborated by Gottschall. "Jack" Cressler, himself, has taken quite a few rides via the air-line above the heads of the "hoi polloi," but never before was the class treated to such a memorable ride as was taken by Bibb on the thirteenth day of the month in the thirteenth year of the twentieth century.

Bibb had spoken but a few words when he was immediately seized and hoisted skyward. At first he bravely repulsed the efforts of those about him and for a short time it appeared as though he had successfully defied the class. The small group who had him in charge was exhorted to action by the cries of their classmates, who said, "Pass him up," "up with him," "lift him," "up!" "up!!" "up!!!" Bibb succeeded in securing a grip on Marshall and together they soared upward over the benches until the fourth bench was passed, when Bibb was forced to relinquish his grasp and he traveled the remainder of his journey alone. Upon arriving at the sixth row he hung stationary in the air until the class came to his rescue and directed his future gyrations by calling, "Over," "pass him over," "send him over."

His passage across the amphitheatre was perilous, disastrous and as uncertain as a sailing smack cast about by a heavy, rolling sea.

Somewhere during his voyage across, his trousers were rent asunder between the east and west section (and everybody knows the "sun" sets on the west).

At this time the nurses, standing in the hallway, were aroused to investigate the cause of all the noise and merriment. They looked and saw poor Bibb in manner disheveled and clad in mutilated trousers and then turned away. Schwartz, who knows perfectly the why and wherefore of milady's doings, said they turned to blush unseen. This, however, seems an incompatibility.

Bibb, as the result of the exhaustion (premature) of some of the members of the class, regained his seat and was making his way toward the seat he had previously occupied on the front row on the opposite side of the amphitheatre, when Dr. S. MacCuen Smith entered the arena, and after he greeted the class told them that during his college days similar occurrences of a more severe nature occurred. This pleased Bibb and mitigated what little injury his feelings sustained so that he was enabled to resume his former seat with a semblance of a smile upon his face.



## 习习seudo 3 Jsaditic $\mathfrak{A s s o c i a t i o n ~}$

Object: To publicly assert ourselves so that the question, Is he one? will no longer be asked by the suspecting public.

Aim: To convert Suffragettes and others of kindred delusions to the philosophical teachings of our esteemed Professor J. Chalmers Da Costa.

Members, and their whys and wherefores :-
Robert Jeffrey, M.D., '12, Organizer.
Dickinson-His hair is red.
Heady-He can eat enough to be one.
Livingood-Feet, et cetera, mostly feet.
Lummis-Everybody "nose" why.
Mayer-Class treasurership gave him membership.
Palmer-Rooms with Mayer.
Robinhold-Original name was Reubenhold.
Walter-"The apparel oft proclaims the man."
Flick and Campbell, R. W.-Tried to gain admission but failed to qualify.

## Contributions to science

Bonnell in the Mid-Year examination in anatomy states that the Bundle of His is located in the mid-brain.

Rosenthal being asked what is phlebitis-answered that it was the formation of blebs due to flea bites.

Dr. Gibbon-"What is hydrocephalus?"
Bonnell-"Water in the cephalic vein."
Dr. Appleman-"What is calcium chloride?"
R. W. Campbell-"Common salt."

Dr. Thornton-"What is the source of gelatin?"
Garrison-"From the jelly fish."
Dr. Abbott-"What is orchitis?"
Whelan-"Inflammation of the ear."
Dr. Gibbon-"What is the condition of a patient when he dies from tetanus?"

Wheatherby-"He is very anxious."
Dr. Rosenberger-"Where are the bacilli of tetanus found?"
Wentz-"In warm countries and the negro race."
Dr. Beardsley-"What is the technical name for St. Vitus Dance?"
Dry-"Chordea."
Dr. Lull-"What tissue first shows the effects of starvation?"
Garber-"Muscle."
Dr. Lull-"No-something that you and I lack."
Garber-"Nerve."
Dr. Little-"If a calculus is lodged in the ampulla of vater what ducts would be occluded?"

Dry-"The ejaculatory duct."
Dr. Gibbon-"What is a perforating ulcer of the foot?"
Student-"One that perforates thru the foot into some other organ."
Dr. Rosenberger-"What is a typhoid carrier?"
Ford-"A typhoid carrier is a milkman carrying a milk pail in which are typhoid germs."

Dr. Ulrich-"What do you do after the child is born?"
Kaplan-"Support the child."
Dr. Ulrich-"I would hate to support all I have delivered."
Dr. Appleman-"What is contained in Brown Mixture?"
Student-"Wine of antimony and extract of glycerine."
Wolfe in his freshman year attempted to revise the composition of Paregoric by substituting a more agreeable oil for the oil of anise. His revision was not favorably received.

Dr. Appleman-"In what form should starch be given in poisoning from iodine?"

Allebach-"In the form of a poultice."
Apropos of emphasis laid upon prophylaxis by the department of Obstetrics the following answer was elicited to this question, "What is the treatment for the first stage of labor?"

Student-"Prevention if possible."
Dr. Lull-"What happens when a necrotic area in the lung ruptures into a bronchus?"

Bonnell-"The cavity is expelled."
Dr. Appleman-"What is bromidrosis?"
Wright-"Poisoning by the bromides."
Dr. Ulrich-"How would you determine whether bladder was empty or not?"

Bernhardt-"Give her an enema, doctor."
An astringent is anything that will stop diarrhoea. The right renal artery is the longer because it has to go farther.

How would you diagnose lues in nursing woman?
Examine her shin bones.
Pilocarpin is advised as a mustache stimulant.
The internal capsule is considered the Great White Way.
What are the parts of the fetal alimentary canal?
Whelan-"The mouth, esophagus, stomach and testicles."
Dr. McCullough-"Name accidents occurring during labor."
Webster-"Well-er-you may lose the mother or the baby."
Dr. McClelland-"Which eyelid is the widest?"
Whittemore, hesitatingly-"The right one."
What are auricular fibrillations?
Student-"We haven't had the ear yet."

## 

When is rheumatism not rheumatism?
When is sciatica not sciatica?
Dose of salicylates-enough!
Quinine and urea hydrochloride.
The brightness of your faces makes up for the gloominess on the outside.
What section remains to-day?
Percentage of human milk and cow's milk? Bagenski Sign.

## Specificity of action-

Councilman, Walstein, Tshistovitch have said so and so, but I on the other hand am inclined to disagree with them and rather favor Zelinski, Leoskerow, Moschocowitz, Pruszniski and Metchrukoff.

In the upper walks of life-
Has she a "kiss-me-quick look?"-She do.
When $I$ came $I$ applied forceps.
There "are" too much noise and whistling about.
Systematized, delusions, hallucinations, illusions obtunds the senses.


Patient (excietesly) Oh' Doctor! Quiek! Willie has just swallowes a Jime!
$D_{r}$ (sooxhingly) Tut- Tot. Madam. If.will.pass-All.right unless-ixis countergeif.
(Apology to DI Speneer.)

## 

Dr. Spencer-Yes, the man is dazed, unconscious, pulse slow and feeble; man is in a state of concussion. After spending fifteen minutes comparing the symptoms of concussion with those of compression, he asked Cruice for the indications for the operation of decompression.

Cruice (he was not prepared, so he gave no response).
Dr. Spencer-Speak; do not be afraid to, unless you do not know the answer. Another fifteen minutes were spent in reviewing the indications for and in describing the operation of trephanning. How do you know when diploe is reached?

Cruice-Hemorrhage.
Dr. Spencer-How do you know when you have gone far enough?
Cruice-Test the looseness of the button of bone.
Dr. Spencer-What do you do with it?
Cruice-Throw it away.
Dr. Spencer-Yes, or it may be left. What fills the hole?
Cruice-Fibrous tissue.
Dr. Spencer-Ever use silver plates or dollars?
Cruice-No.
Dr. Spencer-That's right. They have wheels in their heads, not silver plates or dollars. They will often try to prove to you that they have silver plates in their heads. I remember assisting Dr. Keen in operating upon a man in whom we used a celluloid plate, but we were obliged to remove it. Now how do you stop hemorrhage if a vessel is cut, as it passes through the bone?

Cruice-Horsley's bone wax.
Dr. Spencer-Yes, or drive a toothpick in the hole. Now you have reached the dura. You open it at the proper place. Cut through the dura. Why must dura be closed?

Cruice-To prevent infection.
Dr. Spencer-What does this produce? Oh, you know what it is ; it may cause a growth through this opening. Now what is it?

Cruice-A hernia.
Dr. Spencer-No, it's a fungus cerebri; that's what it is. Most men consider it a sarcoma; it kills in 15 months to 2 years.

Best to close dura in all traumatic cases. Now you take cases that are not traumatic, you leave the dura open. Now this is the octruic as far as we have gone. Yout do this for an abscess, exploration, hemorrhage or with palsy.

Now we will discuss the decompression operation. Tuttle, what is the decompression operation? Speak! Where are you? I just told you what it was.

Tuttle-Decompressive trephanning.
Dr. Spencer-Yes. How does it help?

Tuttle-It relieves pressure.
Dr. Spencer-From what?
Tuttle-Optic nerve.
Dr. Spencer-Now this operation is useful in non-operable tumors of the brain. Do it when the patient has partially lost his sight. Do you do it in another condition? I told you in the beginning of the quiz why you do it.

Tuttle-Fracture of base.
Dr. Spencer-Yes. Why do you do it?
Tuttle-Drainage.
Dr. Spencer-Yes. Now, is there any other condition?
Tuttle-Punctured wounds.
Dr. Spencer-No. Now get this clear, the difference between decompression and ordinary trephining. In decompression the dura is all cut away and there is bulging. It is done in tumor, fracture of base and uremia. Now how could it help in uremia? This is something new.

Tuttle-Silent.
Dr. Spencer-Relieves pressure. Now you could not trephine in every attack; but if opening is left it will be a place where pressure can be relieved. These are the three conditions up to date. What is the technic for this?

Tuttle-It is done in the right temporal region.
Dr. Spencer-Why do this in this region?
Tuttle-To prevent word deafness.
Dr. Spencer-Yes. We get a better result, and what prevents hernia?
Tuttle-Muscle prevents hernia.
Dr. Spencer-No fas-
Tuttle-Fascia.
Dr. Spencer-Fascia prevents bulging, done on right side to prevent word deafness. In ordinary trephining dura is left intact; in the decompression operation it is removed. What sort of incision is used? What is shape?

Tuttle-Same one?
Dr. Spencer-Yes, or a straight incision. How far down do you go?
Tuttle-Skin and subcutaneous structures.
Dr. Spencer-What?
Tuttle-Fascia.
Dr. Spencer-Yes, now why did you not say that in the first place. Then you come down on the muscle and temporal fascia. Now put in a retractor, and cut fascia in line of muscle fibres. Now you're down on the muscle. What do you do with it?

Tuttle-Cut it.
Dr. Spencer-No, you separate the muscle fibres. Now separate periosteum from bone. Trephine and take button of bone out. Now what are you down on?

Tuttle-Dura.

Dr. Spencer-What are you going to do with it?
Tuttle-Cut it out.
Dr. Spencer-Yes, or make incision in dura. Now if you sew this up you do not do a decompression. Now, of course, if fracture is at base put in a cigarette drain, after trephanning on both sides, because a man living with word deafness is better than a man dead with a fracture.

If done for a tumor, how sew up layers?
Tuttle-Sew each layer separately.
Dr. Spencer-Yes, and repeated layers. Now that is decompression operation. Now osteoplastic operation is indicated in what conditions? Bibb-where is he? There are only two or three conditions-come on, it's easy.

Bibb-Fracture.
Dr. Spencer-What is operation? Well, it is a turning down of a large flap of skin, muscle and bone, and turn it back again. It is done in Jacksonian epilepsy, tumor, intra-cranial hemorrhage of the new-born.

Dr. Spencer-What is the first thing you do in case of cut throat?
O'Brien-Get the history.
Dr. Spencer-Yes, and the undertaker gets the patient.
Student-Doctor, could an initial lesion come from a cold sore?
Dr. Spencer-Just as possible as from a coal scuttle.
Dr. Spencer-Gentlemen, I did not come in to lecture. I came in to hold a recitation.

Dr. Spencer-What are symptoms of foreign body in esophagus? There are pain hemoptysis, dyspnea, dysphagia. If the foreign body is a bell, shake the child and it will ring; or if a whistle, squeeze the child and the whistle will make a sound. Now what instruments are used to remove a foreign body?

McLelland-Esophagoscope.
Dr. Spencer-That's right. The e-so-pha-go-scope and the pro-bang.
Dr. Spencer-How is salol eliminated?
Bonnel-As sal-er-a.
Dr. Spencer-Sal Hepaticu, Sal skinner? Sal who? That's right; salicyluric acid. How test for this?

Bonnel-Put some iron in it.
Dr. Spencer-What's that? Would a horseshoe do?


## 1913 ftlomographs

Whelan-"Why I Answer Present at Each Roll Call."
D. M. Dry-"Uses of Odontotrypy."

Inkrote and Haas-"Macrocephalia."
Lowell and Tempesto-"Why we Interrupted Dr. Wilson."
Dickinson-"Why Trachelorrhapy is the Only Operation for Besical Prolapse."

Haskett-"Uses of 'Father John's' Body Builder?"
Robinhold-"Our Relations with Medico-Chi."
Treacy-"Colostrum, or the First Secretion of the New-born."
Heist-"The Influence of Wrigley's on Digestion."
Campbell-"The Fatal Number Sixteen (i6)."
Wentz-"Honk! honk! or the Tale of the Buzz-saw."
"It is a very remarkable case."
"Distrust the obvious."
"When in doubt, aspirate."
"It is rawther interesting to note in this connection."

## Neurasthenia:

It is a diagnostic garbage can containing five hundred (500) different kinds of symptoms resembling more or less Hypochondria and Hysteria.

According to Professor Hare, Weatherby reads charts with his feet better than with his eyes.

Dr. Stellwagon (exhibiting a case of alopecia anata). Rub your finger on her scalp and then upon your own, to see if anything comes of it.

Goddard is already too bald to be of any service in making this experiment.
Dr. Patterson-Mr. Gonzalez, will you come down here, or shall I come up there, Why not an acousticon?

What is the difference between a Galvanic and Foradic battery?
Not a damn thing, except the name on the box.

## 丸. em inistences

In days to come how we'll remember
Of Jefferson and her ways.
They seemed mighty tough
And that's no bluff.
But those were the good old days.

We'll think often of the Casino, Of Brill's, Trainer's and the plays, Of the "eats" we ate,
Of the drinks we drank.
But those were the good old days.

We'll think of the many cute girlies, The Maggies, Millys, the Mays,

Who smoothed out the rough,
Made our work less tough,
But those were the good old days.

We'll think of the kind professors
Who helped us on thru the maze; Of the bluffs we sprang
Of the praises sang.
But those were the good old days.

We'll think of the loving cup they bought,
(When old Mike Holland unphased
From his job did hike)
"For the love of Mike,"
But those were the good old days.

Will we remember Lucius Tuttle?
And the many things he says?
Who killed the frog?
Lucius! (better, Maud),
But those were the good old days.

We'll remember the hard tests and exams.
When marks are asked everyone says:
Oh! fifty by God!
Make more carr'ing hod,
But those were the good old days.

You bet we'll remember Bill Coplin
And his peculiar ways.
When his book we read
We wished he was dead,
But those were the good old days.

We'll remember the old amphi-theatre
(Oh! had I the gift for these lays). On cold days we shook,
On warm days we cooked,
But those were the good old days.
We'll think of the matches hurled at a Fat man-God knows what he weighs.

He only got sore,
O'er a tie he once wore,
But those were the good old days.
We'll think over all of the good things
As we saw life's curtain raise.
But some of the best,
We'll keep in our breast,
For those were the good old days.
D, W. KRAMER.


## Extracts from a Senior's 320te 预ook

"Yes, sir; it's true; every word of it's true. I can well remember a certain case of Senile dementia who had in his stomach two pairs of suspenders, one set of checkers, one-half pound ro-penny nails and a few smaller articles."

Gentlemen, if you can, buy the "Memoirs of Baron Larry," who depicts very vividly his experiences as surgeon of Napoleon's army. If not, appropriate, borrow, or steal it.

Gastrostomy is the ideal operation, to enable the modern business man to quickly dispose of his meals in his allotted time.

Will you please waken up the gentleman in the fifth row-"Da Costa."
Blockely drinks as related by our Faculty:
Man who drank varnish and had a resin concretion in his stomach.
Attendants who drank the alcohol from the jars that contained the pathological specimens.

Attendants consumed considerable quantities of the compound Tincture of Gentian.

## Fashionable operation.

One done not on Patient but on their Pocketbooks. Nephropexy and shortening of Gastro Hepatic omentum.

## Hades.

Inextinguishable spiritual conflagrations in Progress.

## Modern Corset.

To-day woman wears sensible corset straight front. It never happened before and may never occur again in world's history.

Should, however, be laced in front that is the way man would do it. Women for the most part are contrary, their garments button on the left side.

Corsets should be laced from below upward.
Child bearing is going out of existence, due primarily to the suffragette and the coincident criminal stupidity which she manifests, which make it impossible for a man, eugenically, to find a mate. Child bearing predisposes to gall stones, Glenard's disease and loss of normal contour.

## Cammidge Reaction.

It is a reaction of unfermented Pentoses in the urine of patients of suspected Pancreatic disease. If positive it confirms other findings. To do it one needs a workshop of tools, a laboratory of medicines, the eyes of an artist, the generalship of Napoleon and the patience of "Job."

## Jaculty of 羾armacopeia

Alteratives.
Gibbon
McCrea
Anesthetics.
Coplin-General
Stewart-Local
Anaphrodesiacs.
Loux
Kinney
Aphrodisiacs.
Abbott
Antiphlogistic.
Stellwagon
Astringent.
Dugan
Bitters.
Radasch
Pritchard
Dehoney
Cardiac Sedatives.
Davis
Kalteyer
Cardiac Stimulants.
Thorton
Price
Counter Irritants.
Rosenberger
Delmulcents.
Appleman
Diaphoretic.
Beardsley

Diuretic.
Spencer
Eliminator.
Despard
Emetic.
Graham
Emmenagogue.
Ulrich
Expectorants.
Kyle
Leslie Davis
Hypnotics.
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Knipe
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Hansell
Sweet
Myotic.
Coles
Nerve Sedative.
Brubaker
Nerve Stimulant.
J. C. Da Costa

Dercum
Tonics.
Hare
Davis
Vaso Motor Depressents.
Montgomery
Cohen

## OXIork in Mediatrics

Section arrives at II A. M., informed that demonstrator will be present at 12 M .

Demontrator amuses the patients by clever parlor tricks, and holds their attention by making use of the newly discovered expedient of giving them a penny.

The Section is quizzed regarding the dosage of Syrupus Ferri Iodidi Atropine Sulphate, Lime Water, and Cascara. This quizzing soon terminates in an argument in which all the members participate.

A member of the section tires of the argument and devotes his attention to the construction of the beds used in the Children's Ward. During the course of his investigations the side of the bed is inadvertently dropped upon the child's head, who immediately starts to cry, which attracts the demonstrator's attention, "Gentlemen, we have here a case of lobar pneumonia, and in treating a case one should carefully watch the patient to observe any uneasiness, such as crying, which should immediately direct our attention toward determining the cause of pain which in this instance is in all probability due to a pleurisy or middle ear complication."

The remaining periods which numbered two, because unfortunately several idiopathic cases of scarlet fever due to cryptogenic contagion caused the ward to be quarantined, were devoted to a very systematic consideration of the inability of the country practitioner to handle a case where scientific feeding is indicated.


## $\mathfrak{A}$ Yersion of flodified Spelling

Nuclear Neuclar, Nucle
Astragulus Astraglus, Astragilas, Astragulis
Trochlear Trocula, Trochar, Trocular
Olecranon Olecranion, Oleceron
Ligament ..... Ligiment
Sperm ..... Spurm
Scaphoid ..... Schapfoid
Humerus ..... Humerous
Condyle ..... Condile
Coronoid ..... Corinoid
Male ..... Mail
Nutritive ..... Nutrative
Element ..... Ellument
Fallopion Falopion, Phalopion
Biceps ..... Bisepts
Polymorphonuclear Poli Morphi Nuclear

## excerpts from 鲃ediatric Climes

Professor Graham-The child was quite toxic two weeks ago, was it not? Patient-Yes, doctor.

In the clinic following the Christmas holidays the Seniors were somewhat hazy in answering the questions asked by Professor Graham, and equilibrium was not restored until Whittemore distinguished himself, as the following will show :

Professor Graham-Describe the membrane of diphtheria.
Whitemore-It is a dirty grayish white membrane seen upon the fauces, which when removed leaves a bleeding point.

Professor Graham-It is refreshing to one to ask you a question.
Dickerson (who has been sleeping) now awakens, and patting Whittemore upon the head, compliments him by calling him a beautiful bubbling spring.

Professor Graham-How much antitoxin would you give?
Allebach-In an austere manner, expressing a form of pseudo-concentration, delays in answering until Professor Graham tells him that he should take plenty of time to think. This arouses him from his lethargic condition, and he replies in tones most dignified, five million ( $5,000,000$ ) units. At this point the class shows their approval by loud applause.

In order to quiet them, Doctor Graham resorts to the simple kindergarten expedient of clapping his hands and saying, as he coquettishly removes his glasses, "Listen, gentlemen, now listen."

Since Johnston has been married he has become very familiar with incubation periods of children's diseases,

Yes, Johnston, two heads are better than one.

Doctor Graham tells class that the matter of quarantine isolation and fumigation are no matters about which the physician in attendance should worry, because these conditions are met and dealt with by the Municipal Boards of Health. Why has the Children's Ward been quarantined so frequently, when strict rules and discipline are supposed to be advantageously executed in institutions.

December 5, 1912.
Graham missed the lecture of November 29, 1912, and at the next lecture he appeared with his hair showing signs of having been cropped. It appears as though the faculty, like the Seniors, were so busy that they were obliged to cut lectures in order to attend to necessities of life.

## 

After the operation of salpingectomy had been completed the following was recited to illustrate the part that current literature played in the education of the public in things usually evaded by the public press.

This is not the only poetry that it was our privilege to hear during the past year.

I said I would have my fling,
And do what a young man may;
And I didn't believe a thing
What the parsons have to say.
I didn't believe in a God
That gives us blood like fire,
Then flings us into hell because
Hm ,-hm,-ha,-ahem,-ahem,
We answer the call of desire.
I said I must have my fling-
A,-her,-ah,-no.
And I said: Religion is not,
And the laws of the world are nil;
For the bad man is he who is caught
And cannot foot his bill.
For I saw men everywhere,
Hotfooting the road of vice!
Hotfooting the road of vice!

Er,-um,-ha,-
And there is no place called hell,
And heaven is only a truth,
When a man has his way with a maid,
In the fresh, keen hour of youth.
"And money can buy us grace,
If it rings on the plate of the church;
And money can neatly erase,
Each sign of a sinful smirch."
For I saw men everywhere,
Hotfooting the road of vice;
And women and preachers smiled on them, As long as they paid the price.

She was going,-er,-ah,-
No, that's not it,-ah,-now,-
So I had my joy of life;
I went the pace of the town;
And then I took me a wife,
And started to settle down.
$\mathrm{Ah},-\mathrm{um},-\mathrm{er},-$
I had gold enough and to spare
For all of the simple joys
That belong with a house and a home-

And a brood of girls and boys.
She was going to bring me a child,
And when in labor,-ah,-um,-ha,-
"Gentleman, it is strange how
These things slip one's memory."
And when in labor,-er,-no,-
"I repeated it several times, too,
So I do not know why
I forgot it,"-now.
I married a girl with health
And virtue and spotless fame,
I gave in exchange my wealth
And a proud old family name,
And I gave her the love of a heart
Grown sated and sick of $\sin$ !
My deal with the devil was all cleaned up,
And the last bill handed in.

She was going to bring me a child,
And when in labor she cried,
With love and fear I was wild-
But now I wish she had died.
For the son she bore me was blind
And crippled and weak and sore!
And his mother was left a wreck;
It was so she settled my score.

Ah,-er,-hum,-ha,-
I said I must have my fling,
And they knew the path I would go;
Yet no one told me a thing
Of what I needed to know.
Folks talk too much of a soul
From heavenly joys debarred-
And not enough of the babes unborn,
By the sins of their fathers scarred



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Biggest Feet John Elias Livingood
Chief "Butter-in" Clarence L. Gardner
Bright Boy (?) R. W. Campbell
Laziest Carlton K. Heady
Best Natured Roscoe Z. Cope
Sleepiest ..... Paul Lowell
Ladies' Desire ..... O’Hara
Swelled Head Warren W. Inkrote
"Hot Air" Merchant Robert M. Palmer
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Smiler Roscoe Z. Cope
Cutest Francis E. Weatherby
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Fattest Thurman ..... B. Haas
Happiest John W. Cressler
Silent Orator ..... Leo Heuler
Most Effeminate Mason P. Young
Rough Neck ..... Amos Gottschall
Grind David M. Dry
Best Mustaches R. W. Richards, Guy G. Campbell

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[^0]:    "Forever foremost in the ranks of fun,
    The laughing herald of the harmless pun."

[^1]:    "So live that when thy summons come to join
    The innumerable caravan that moves to the pale realms of shade
    Where each shall take his chamber in the silent halls of death.
    Thou go, not like the quarry slave at night,
    Scourged to his dungeon-
    But sustained and soothed by an unfaltering trust,
    Approach thy grave as one
    Who wraps the drapery of his couch about him,
    And lies down to present dreams."

[^2]:    Yes, social friend, I love thee well, In learned doctors spite:
    Thy clouds all other clouds dispel, And lap me in delight.

