

UNIVERSITY OF ILLINOIS

---

TWENTY-FOURTH

ANNUAL COMMENCEMENT

IN MILITARY HALL

WEDNESDAY, JUNE 12, 1895

10 A. M.

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PROGRAM

- Overture--Poet and Peasant, - - - - - Suppe  
University of Illinois Military Band
- Prayer, - - - - - Dr. W. H. Stedman
- Song--"Caro Nome," from Rigoletto, - - - - - Verdi  
Mrs. Katherine Baker Wadsworth
- Address, - - - - - Hon. Shelby M. Cullom**
- Polka, - - - - - University of Illinois Military Band  
Solo by Mr. Arthur R. Mann
- Presentation of Diplomas and Commissions
- Song--a "If I But Knew," - - - - - Wilson G. Smith  
b "Little Boy Blue," - - - - - Ethelbert Nevin  
Mrs. Katherine Baker Wadsworth
- Music, - - - - - University of Illinois Military Band

# GRADUATION THESES

## COLLEGE OF LITERATURE

### FOR THE DEGREE OF BACHELOR OF ARTS

- PARKER HALE HOAG—Nominum Index T. Cornelii Taciti Libro de Vita et Moribus C. Julii Agricolaæ.  
BERTHA MARION PILLSBURY—Translation of the Eclogues of Calpurnius Siculus, together with a Comparison of the Second Eclogue of Siculus with the Seventh of Vergil.  
MARION EMBELINE SPARKS.....History and Functions of the Areopagitic Senate

### FOR THE DEGREE OF BACHELOR OF LITERATURE

- ROBERT ALLAN BOWER..... Theory of Substance in Locke, Berkeley, and Hume  
GEORGE HENRY CAMPBELL—Comparison of the Misers in Moliere's L'Avare and Shakespere's Merchant of Venice, with a Study of their Sources.  
SHERMAN DUFFY..... Eugénie Grandet and L'Avare  
JOEL EDWARD FERRIS..... A Study of the Early Constitutional History of Illinois  
MARIANNA GREEN..... Study of Racine's Esther  
FRANCIS EDWARD KING—Trigonometry in the Grammar School—Historical, Theoretical, and Empirical.  
EDWARD LORING MANN... Some Experiments in Profit-sharing and Coöperation in Illinois  
WILLIAM IRA ROYSDON..... Sources and Text of Shakespere's Romeo and Juliet  
DAISY COFFIN SCOTT..... Origin and Development of Satire among the Romans  
WILLIAM JOHN SCOTT..... Hugo, the Novelist  
HENRY HARRISON SCURLOCK..... Ideals of Humanism and Realism  
BERTHA SPENCER..... Dawn of Common School Methods  
MARION THOMPSON..... Comparative Study of George Sand and George Elliot

## COLLEGE OF ENGINEERING

### FOR THE DEGREE OF BACHELOR OF SCIENCE

#### IN ARCHITECTURE

- HERBERT CLARKE ARMS..... Design for Heating and Ventilating Plant  
WILLIAM THOMAS BURRILL..... Design for High School Building  
ALEXANDER DONNAN..... Design for Ward Building for Insane Hospital  
ALFRED FELLHREMER..... Design for Church  
FREDERICK BLAIR KEEGER..... Design for Ward Building for Insane Hospital  
EDWARD JOHN LAKE..... Design for Residence in Moorish Style  
ALBERT MILTON LONG..... Design for Memorial Library  
FRED ELBERT MATHER..... Design for Residence for President of the University  
WILLIAM ROBERT MORRISON..... Design for Steam Heating Plant  
CHARLES WILLIAM NOBLE..... Design for Apartment House  
ARTHUR LOW PILLSBURY..... Design for Public Library  
THOMAS WASHINGTON REELEY..... Design for Public Library  
JOSEPH WILLIAM ROYER..... Design for Heating Plant

#### IN ARCHITECTURAL ENGINEERING

- WILLIAM HENRY DILLON... Construction of Residence for President of the University  
STEPHEN FORD HOLTZMAN..... Study of Illinois Central Train Shed, Chicago  
HOMER THOMAS..... Construction of Y. M. and Y. W. C. A. Building



## IN CIVIL ENGINEERING

HARRY WILLIAM BAUM.....	Relative Durability of Illinois Building Stone
CHARLES WORTH BEACH.....	Design for Railway Bridge
WILLIAM GUTHRIE BOON.....	Strength of Large White Pine Beams
RAY SHEPARD CARBERRY.....	Design for Interlocking System
MILY SMITH KETCHUM.....	Flow of Water through Siphons
WILLIAM CLARENCE SMITH LEMEN.....	Strength of Large White Pine Beams
ROBBINS YALE MAXON.....	Design for a Subway for University Avenue, Champaign
ALEXANDER MAJORS MUNN.....	Design for Irrigation System
JOHN CONRAD QUADE.....	Design for Viaduct at Moline, Illinois
HARLEY EDSON REEVES.....	Effect of Grinding Mixed Sand and Cement
CHARLES VICTOR SEASTONE.....	Flow of Water through Siphons
JOHN EATON SHEPARDSON.....	The Permeability of Cement Mortar
GODFREY SPERLING.....	Strength of Iron and Steel Welds

## IN ELECTRICAL ENGINEERING

EARL VANHISE CAPPS.....	Magnetic Induction in Radially Divided Rings
JESSE GRANT FUNSTON.....	Study of Westinghouse Pony Alternators
ERNEST ALEXANDER HUNT.....	Study of a Ten Arc-light Brush Dynamo
PETER JUNKERSFELD.....	Tests of Alternate Current Transformers
WILLIAM HAYEN KIMBALL.....	Tests of Alternate Current Transformers
WALTER NOBLE VANCE.....	Plans, Specifications, and Estimates for Electric Railway
CHARLES CARLTON WEBSTER.....	Study of a Ten Arc-light Brush Dynamo
PARKER MERRILL WILLIAMS.....	Study of Westinghouse Pony Alternators

## IN MECHANICAL ENGINEERING

CHARLES BARRY.....	Design for a Traveling Crane
FRED ALBERT BERBE.....	Absorption Dynamometers
FRANK LYMAN BUSEY.....	Effect of Soot Deposits on Evaporation of Boiler
CLYDE ROBERT CARMACK.....	The Measurement of Pressure
JAMES ALBERT GREEN.....	Design for a Dynamometer
ELMER KIRKPATRICK HILES.....	Efficiency of Coals of Illinois
DAVID ROSSITER LLEWELLYN.....	Efficiency of Coals of Illinois
ALBERT JEFFERSON SAYERS.....	Steam Traps

## IN MUNICIPAL AND SANITARY ENGINEERING

CHARLES BAKER BURDICK.....	Design for Precipitation Sewerage Plant
CLARENCE ADELBERT CLEMENT.....	Design for Intermittent Filtration Sewerage Plant

## COLLEGE OF SCIENCE

### FOR THE DEGREE OF BACHELOR OF SCIENCE

#### IN NATURAL SCIENCE

HORTENSE CALL.....	Conditions Affecting the Normal Secretion of Urea by the Kidneys
ADOLPH HEMPEL.....	A List of the Protozoan Found at Havana in the Illinois River and Adjacent Lakes
HORATIO RICHMOND MARSH.....	Tuberculosis
GRACE LILLIAN MOORE.....	Anatomy and Physiology of <i>Impatiens Balsamina</i>
MABEL STEWART.....	General Morphology of <i>Crangonyx mucronatus</i> , Forbes
WILLIAM KRIBBEL YEAKLE.....	Structure and Classification of Fossil Corals

#### IN CHEMISTRY

JOHN DEWITT CLINTON.....	A Chemical Investigation of the Water of Salt Creek
ARMIN HARMS.....	A Comparative Study of Methods for the Determination of Lead
HERBERT BRUNSKILL ROWE.....	Medicinal Principle of <i>Cactus grandiflorus</i>
ROBERT WATT STARK.....	Lixivation of Silver Ores

## COMMISSIONS IN ILLINOIS NATIONAL GUARDS

EARL VANHISE CAPPS	ALEXANDER MAJORS MUNN	JOHN EATON SHEPARDSON
JAMES ALBERT GREEN	CHARLES WILLIAM NOBLE	WALTER NOBLE VANCE
HORATIO RICHMOND MARSH	HARLEY EDSON REEVES	



# THESES FOR MASTER'S DEGREES

## COLLEGE OF LITERATURE

### FOR THE DEGREE OF MASTER OF LITERATURE

- ANNA SHATTUCK PALMER, '91.....The Present Tendencies of American Fiction  
KETURAH ELIZABETH SIM, '91.....Study of the Romantic Movement in English Literature  
OLA C WOOLSEY, '94.....Life and Character of Tiberius

## COLLEGE OF ENGINEERING

### FOR THE DEGREE OF MASTER OF ARCHITECTURE

- GRANT CLARK MILLER, '94.....Development of Romanesque Architecture

### FOR THE DEGREE OF CIVIL ENGINEER

- ANDREW WALLACE GATES, '92.....The Aurora Sewerage System  
WILLIAM DAVID PENCE, '86—Administration of the Maintenance of Way Department of  
a Railway.

### FOR THE DEGREE OF MECHANICAL ENGINEER

- GEORGE WASHINGTON SEAMAN, '93.....Shaft Governors  
ROBERT ALVIN WOOD, '94.....Method of Design for High-Speed Compound Steam Engine

## COLLEGE OF SCIENCE

### FOR THE DEGREE OF MASTER OF SCIENCE

- CHARLES FREDERICK HOTTES, '94—Some Nerve Tracts in the Mid-brain of *Ictiobus urus*,  
Agassiz.

## CLASS OF 1895.

- |   |  |
|---|--|
| Herbert Clarke Arms.....Chicago             | William Clarence Smith Lemen.....Uniontown, Kentucky |
| Charles Barry.....Henry                     | David Rossiter Llewellyn.....Sterling                |
| Harry William Baum.....Phoenix, Arizona     | Albert Milton Long.....Virden                        |
| Fred Albert Beebe.....Wisner, Nebraska      | Edward Loring Munn.....Gilman                        |
| William Guthrie Boon.....Armstrong          | Horatio Richmond Marsh.....Joliet                    |
| Robert Allan Bower.....Tolono               | Fred Elbert Mather.....Naperville                    |
| Charles Baker Burdick.....Sterling          | Robbins Yale Maxon.....Danville                      |
| William Thomas Burrill.....Shelby, Nebraska | Grace Lillian Moore.....Tolono                       |
| Frank Lyman Busey.....Urbana                | William Robert Morrison.....Joliet                   |
| Hortense Call.....Urbana                    | Alexander Majors Munn.....Swift, Nebraska            |
| George Henry Campbell.....Louisville        | Charles William Noble.....Chicago                    |
| Earl Vanhise Capps.....Mt. Pulaski          | Bertha Marlon Pillsbury.....Urbana                   |
| Ray Shepard Carberry.....Mansfield          | John Conrad Quade.....Moline                         |
| Clyde Robert Carmack.....Camargo            | Thomas Washington Reely.....Spring Green, Wisconsin  |
| Clarence Adelbert Clement.....Tiskilwa      | Harley Edson Reeves.....Urbana                       |
| John DeWitt Clinton.....Polo                | Herbert Brunskill Rowe.....Redmon                    |
| William Henry Dillon.....Normal             | Joseph William Royer.....Urbana                      |
| Alexander Donnan.....Independence, Iowa     | William Ira Roysdon.....Champaign                    |
| Sherman Duffy.....Ottawa                    | Albert Jefferson Sayers.....Champaign                |
| Alfred Fellheimer.....Chicago               | Daisy Coffin Scott.....Champaign                     |
| Joel Edward Ferris.....Carthage             | William John Scott.....Champaign                     |
| Jesse Grant Funston.....Champaign           | Henry Harrison Scuroick.....Jackson, Ohio            |
| James Albert Green.....Ivesdale             | Charles Victor Seastone.....New Boston               |
| Marianna Green.....Ramsay                   | John Eaton Shepardson.....Aurora                     |
| Armin Harms.....Rock Island                 | Marion Emeline Sparks.....Urbana                     |
| Adolph Hempel.....Champaign                 | Bertha Spencer.....Decatur                           |
| Elmer Kirkpatrick Hiles.....Chicago         | Godfrey Sperling.....Dewey                           |
| Parker Hale Hong.....Champaign              | Robert Watt Stark.....Augusta                        |
| Stephen Ford Holtzman.....Pontiac           | Mabel Stewart.....Champaign                          |
| Frederick Ernest Hunt.....Urbana            | Homer Thomas.....Kickapoo                            |
| Peter Junkersfeld.....Sadorus               | Marion Thompson.....Bement                           |
| Frederick Blair Keeler.....Earlville        | Walter Noble Vance.....Bement                        |
| Milo Smith Ketchum.....Elmwood              | Charles Carlton Webster.....Philo                    |
| William Haven Kimball.....Chicago           | Parker Merrill Williams.....Moline                   |
| Francis Edward King.....White Hall          |  |
| Edward John Lake.....Viroqua, Wisconsin     |  |

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Prayer, Song -- "Caro Nome," from Rigoletto, Mrs. Katherine Bake Wadsworth	Dr. W. H. Stedman Verdi
<b>Address,</b> Polka,  Presentation of Diplomas and Commissions	<b>Hon. Shelby M. Cullom</b> University of Illinois Military Band Solo by Mr. Arthur R. Mann
Song -- a "If I But Knew," b "Little Boy Blue," Mrs. Katherine Baker Wadsworth	Wilson G Smith Ethelbert Nevin
Music,	University of Illinois Military Band

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MARION EMELINE SPARKS.....History and Functions of the Areopagitic Senate