FIFTIETH ANNUAL

Commencement

NINETEEN HUNDRED AND SEVENTEEN

THURSDAY, JUNE THE SEVENTH
LEXINGTON, KENTUCKY
Order of Exercises

America

Invocation:
PRESIDENT M. B. ADAMS

How Firm a Foundation

ORATION: The New Life
WILLIAM SHINNICK
Class President

My Old Kentucky Home

ADDRESS:
BENJAMIN IDE WHEELER
President of the University of California

The Star Spangled Banner

CONFERRING OF DEGREES AND DELIVERY OF DIPLOMAS:

By HENRY S. BARKER, LL.D.
President of the University

BENEDICTION:
PRESIDENT J. L. CLARK

Music
Bachelors' Degrees

Bachelor of Arts in English.

ELIZABETH CROW
JANE KENNEDY DICKEY
ROSE LENORE HAMPTON
EMMETT PRESLEY HATTER
NANCY WEBB INNES
MARY DEIDMAN STAGG

Bachelor of Arts in Latin.

LILLIAN ASKEW GAINES
MARGARET CLAIRE McCARTHY

Bachelor of Arts in History.

HELEN PAULINE BURKHOLDER
MARION URI CONDITT
FRANK MOORE CRUM
ARTHUR SEWALL KELLEY
BART NIXON PEAK
ROY CUNNINGHAM SCOTT

Bachelor of Arts in Education.

MARIE CAROLINE BECKER
CARRIE FRANCES BLAIR
ALBERT BYRON CRAWFORD
NELLE FLORENCE CRAWFORD
BENJAMIN FRANKLIN FOSTER
MARY KATHERINE HAMILTON
KATE GRAY HIEATT
MIRIAM VIRGINIA HORINE
MARTIE BROOKS McMURTRY
GEORGE HERBERT SCHABER
BLANCHE ANNIE WIEMAN

Bachelor of Arts in Mathematics.

CLARENCE WILBUR HARNEY

Bachelor of Arts in Anatomy and Physiology.

HARRY DAVIS ABBELL
STANLEY L. ENGLE

Bachelor of Arts in Sociology.

MYRA KATHERINE GAY

Bachelor of Arts in Journalism.

McCLARTY HARRISON
WILLIAM SHINNICK

Bachelor of Science in Anatomy and Physiology.

REUBEN PEARLMAN

Bachelor of Science in Education.

MARTINE CATHERINE RATICAN

Bachelor of Science in Physics.

CLARENCE CLARK

Bachelor of Science in Industrial Chemistry.

WILLARD FREDERICK CRAMER
ELIZABETH THANE KASTLE
EUGENE AVERY TAYLOR

Bachelor of Science in Agriculture.

CARLYLE WILSON BENNETT
LAWRENCE ALLEN BRADFORD
WILLIAM THOMAS CLARK
HOMER BURKE COMBEST
THOMAS BOSTON GORDON
IVAN CLAY GRADDY
RICHARD M. GREENE
GEORGE MARTIN GUMBERT
RUTHERFORD B. HAYS
JULIAN ADAIR HODGES
CLYDE MURPHY HUBBLE
RONALD HUTCHINSON
JOHN B. HUTSON
FRANK H. JOHNSON, JR.
ELMER LEE LAMBERT
FOWLER OREM LAMASTER
THOMAS CHENAULT McCOWN
JAMES EDWARD McMURTRY, JR.
JOSEPH SAMUEL McMURTRY
CHARLES HARTFORD MATHERLY
EARL MAYHEW

Bachelor of Arts in Anatomy and Physiology.

HARRY DAVIS ABBELL
STANLEY L. ENGLE

Bachelor of Science in Education.

MARTINE CATHERINE RATICAN

Bachelor of Science in Physics.

CLARENCE CLARK

Bachelor of Science in Industrial Chemistry.

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ELIZABETH THANE KASTLE
EUGENE AVERY TAYLOR

Bachelor of Science in Agriculture.

CARLYLE WILSON BENNETT
LAWRENCE ALLEN BRADFORD
WILLIAM THOMAS CLARK
HOMER BURKE COMBEST
THOMAS BOSTON GORDON
IVAN CLAY GRADDY
RICHARD M. GREENE
GEORGE MARTIN GUMBERT
RUTHERFORD B. HAYS
JULIAN ADAIR HODGES
CLYDE MURPHY HUBBLE
RONALD HUTCHINSON
JOHN B. HUTSON
FRANK H. JOHNSON, JR.
ELMER LEE LAMBERT
FOWLER OREM LAMASTER
THOMAS CHENAULT McCOWN
JAMES EDWARD McMURTRY, JR.
JOSEPH SAMUEL McMURTRY
CHARLES HARTFORD MATHERLY
EARL MAYHEW
Bachelor of Civil Engineering

WILLIAM MASON ADAMS
EDWIN RATCLIFFE BURNLEY
MANFRED V. BURGIN
GEORGE MARVIN FERRIS
RUTHERFORD Y. FISHBACK
HYMAN FREED
KENNETH C. FRYE
CLARENCE RUSSELL GAUGH
GEORGE HAMM EKEN HILL, JR.
JACK H. HOGREFE
ELMER WOODSON HOPKINS
JOHN THOMAS RAWLINGS
JAMES GIVENS RONEY
BURTON F. WILLIAMS

Bachelor of Mechanical Engineering

GEORGE DOAN AARON
LEO STEELE BORDERS
MORRIS JULIAN CRUTCHER
ARTHUR WAYNE DAVIES
ELLIS EWEN DRAKE
ALBERT LEE ELMER
JAMES HOWARD EVANS
HENRY PRICE HOBINE
CHILTON FRAZIER LEE
LUTHER CLEVELAND MCLAINAHAN
JOSEPH EMMET McNAMARA
MURRAY MATTHEWS MONTGOMERY
WILLIAM SHULTZ MOORE

Gordon Bennett Nance
Wabner Wellman Owensby
George Vernon Page
Curtis Field Park, Jr.
Vivian Richard Petnstag
Floyd Wellman Potts
Robert Bryan Rankin
John Peter Ricketts
William Henry Rochester
Charles R. Smith
Frank Tandy Street, Jr.
Silas Johnson Stokes
Elizabeth Homer Terry
James Wright Wesson
Carl Anton Wicklund
Clovis Ray Wilkey

Bachelor of Mining Engineering

WILLIAM CHRISTOPHER EYL
HAROLD KEMBLE HINES
JAMES JACKSON HUME
ELMER BURTON JONES
CAL JOHN SCHRUMER
OTTO GEORGE SHWANT
SIM LOUIS WARE

Bachelor of Sciences

ROSCOE CONKLIN BACK
EARLE CASSADY
JEROME DEVIZE CHAMBERLAIN
JAMES HENRY COLEMAN
THOMAS LINDSAY CHEEMORE
CLIFFORD T. DOTSON
KIT CARSON ELSWICK
ORI LEE FOWLER
MARK SELSOR GODMAN
JESSE FORREST GREGORY
LEE STEPHENS MOORE
JOHNST NORTHCUTT
JAMES WILLIAM NORRIS
LENA MADEISN PHILLIPS
AMOS CHARLES PESTON

Bachelor of Science in Home Economics

VIE TOLEN CRAMER
JESSIE HUNT FLORENCE
FRANCES DUDLEY GEISEL
LINDA BERTRAM PURNELL

Bachelor of Laws

Lexington
Georgetown
Providence
New Albany, Indiana
Philadelphia, Pennsylvania
Nicholasville
Cynthiana
Corydon
Middletown

Bachelor of Mining Engineering

R. R., Lexington
Bowling Green
Falmouth
Louisville
Ft. Thomas
Covington
Somerset

Jackson
Inez
Uniontown
El Paso, Texas
Lexington
Olmstead
Estep
R. R., Cynthiana
Lexington
R. R., Owensboro
Central City
Burlington
Somerset
Nicholasville
Inez

Lexington
Cynthiana
Maysville
Middlesboro
Thesis

Bachelor of Arts in History and Political Economy.

HELEN PAULINE BURKHOLDER—
Louis Philippe in Kentucky.

MARION URI CONDITT—
Presbyterian Influence in Kentucky Colleges.

FRANK MOORE CRUM—
An Industrial History of Martin County.

MYRA KATHERINE GAY—
A Criticism of Biographical Data.

ARTHUR SEWALL KELLEY AND ROY CUNNINGHAM SCOTT—
A History of The University.

BART NIXON PEAK—
Growth of The Young Men’s Christian Association in Kentucky.

Bachelor of Science in Agriculture.

J. B. HUTSON—
Farm Management: “Some factors that Influence Profits on Dairy Farms.”

E. L. LAMBERT—
Agronomy: “Hemp Industry in the United States.”

Bachelor of Civil Engineering.

ELMER WOODSON HOPKINS—

GEORGE H. HILL—

JOHN H. HOGREFE—

GEORGE MARVIN FERRIS—

EDWIN RATCLIFFE BURNLEY—
Design and Construction of Reinforced Concrete Arch.

JAMES GIVENS RONEY—
Chemical and Bacterial Analysis of Water.

HYMAN FRIED—
A System of Water Works for the City of Flemingsburg, Ky.

WILLIAM MASON ADAMS—
Reinforced Building Construction.

MANFRED V. BURGIN—
Surveys, Maps, Profiles and Estimate of State Aid Road to be constructed.

CLARENCE RUSSELL GAUGH—
Maps, Profiles, Surveys and Estimate for New State Aid Road construction.

JOHN THOMAS RAWLINGS—
Reinforced Concrete Swimming Pool for the University of Kentucky.

BURTON FORGE WILLIAMS—
Design of Single Track Riveted Steel Railroad Bridge.

Bachelor of Mechanical Engineering.

Pursuant with the plan adopted in nineteen hundred and fourteen, a combination thesis was developed by the entire class of twenty-two seniors being, “A Complete Design and Complete Specifications for New Laboratories for the College of Mechanical and Electrical Engineering, University of Kentucky.”

A definite organization, similar to that which would have been employed commercially, was effected. A Chief Draughtsman and an Assistant Chief Draughtsman were appointed, the work being carefully planned and subdivided.

The drawings and specifications completed by each student are:

Proposed Laboratories.

GEORGE DOAN AARON—
Section Elevation of Forge Shop and Foundry, Details of Exhaust and Blast Ducts for Forge Shop and Foundry, Coal Pocket Details, Plan of Boiler Room Piping, Location of Forge Shop and Foundry Equipment, Location of Boiler Room Equipment.

LEO STEELE BORDERS—
Hallway Concrete Floor Details, Section Elevation of Machine Shop, Building Section Elevation, Location of Equipment in Machine Shop, Specifications for Metal Working Machinery.

MORRIE JULIAN CRUTCHER—
Building Section Elevation of Wood Shop and Special Laboratory, Building Section Elevation of Wood Shop, Tool Room Details, Plan of Compressed Air Mains, Compressed Air Main Details and Riser Diagram, North Elevation of Building.

ARTHUR WAYNE DAVIES—
Chief Draughtsman.

ELLIS EWEN DRAKE—
Hallway Section Elevation, Door and Window Frame Details, Details of Sawdust Exhaust Ducts for Wood Shop, Plan of Pipe Mains in Hall, Location of Equipment in Wood Shop, Specifications for Wood Working Machinery.
ALBERT LEE EIMEB—
Concrete Floor Details for Electric Laboratory, Concrete Floor Details for Generating Room, Drainage Details for Generating Room and Boiler Room, Generating Room Piping Plan, Location of Equipment in Generating Room.

JAMES HOWARD EVANS—
Plan of Heating Mains, Section Elevation of Piping in Hallway, Specifications and Calculations for Heating Equipment.

HENRY PRICE HOKINE—
Crane Details, Scales and Cooling Tower Details, Plan of Water Mains, Water Main Details and Riser Diagram, Water Piping Details for Heat Engineering Laboratory, Specifications for Cranes.

CHILTON FRAZIER LEE—
Concrete Floor Details for Wood Shop, Concrete Floor Section Elevations, Section Elevation of Machine Shop and Foundry, Ash Hopper Details, Drainage Details, Building and Building Material Specifications.

LUTHER CLEVELAND MCCLANAHAN—
Assistant Chief Draughtsman.
Basement Floor Plans, Location of Radiators in Basement, Location of Radiators on Second Floor, Heating System Riser Diagrams.

JOSEPH EMMET MCNAMARA—
Building Section Elevation, Drainage Details in Special Laboratory, Piping Elevation in Boiler Room, Location of Equipment in Special Laboratory.

MURRAY MATTHEWS MONTGOMERY—
West Elevation of Building, Generating Room Switchboard, Generating Room Switchboard Wiring Diagram.

WILLIAM SCHULTZ MOORE—
East Elevation of Building, Concrete Floor Details for Heat Engineering Laboratory, Cupola, Steam Hammer, and Brass Furnace Details, Drainage Details for Heat Engineering Laboratory, Drainage Details and Riser Diagram for Heat Engineering Laboratory, Piping Plan for Heat Engineering Laboratory, Location of Floor Thimbles in Heat Engineering Laboratory.

MORRIS EADES PENDLETON—
Stack and Breaching Details, Smoke Stack Details, Breaching Plan and Elevations, Location of Equipment in Electric Laboratory, Conduit Layout in Electric Laboratory, Electric Laboratory Switchboard Details, Electric Laboratory Switchboard Wiring Diagram, Specifications for Electric Generators, Switchboard Equipment, Transformers, Foundry Equipment, Feed Water Heaters, Pumps, Smoke Stack, Breaching, Coal Pocket, Beams, and Columns.

EVERETT SLEEPP PENN—
Concrete Floor Details for Foundry and Forge Shop, Concrete Floor Details for Special Laboratory, Location of Radiators on Gallery Floor, Details of Recitation Seats, Piping Elevation in Generating Room.

THAN GIVENS RICE—
Roof Plans of Present Mechanical Hall, South Elevation of Building, Plan of Power Conduits, Riser Diagram for Power Conduits, Panel Box and Switch Details for Power and Light, Specifications for Conduits and Wiring.

ELMER KRANTZ ROBERTSON—
Floor Plans, Roof Plan, Section Elevation of Special Laboratory, Concrete Floor Details in Boiler Room, Roof Truss Details, Roof Framing and Pent-house Details, Roof Truss Specifications, Preliminary Sketches.

CHARLES CHRISTOPH SCHRADER—
Plan and Elevations of Exhaust Piping in Heat Engineering Laboratory, Plan and Elevations of Steam Piping in Heat Engineering Laboratory, Location of Equipment in Heat Engineering Laboratory, Specifications for Boilers, Engines, Compressors, Condensers, Gas Producer, Refrigerating Equipment, Piping, and Turbines.

JASPER GRIFF SCOTT—
Gallery Floor Plan, Section Elevation of Building, Plan of Gas Piping, Gas Pipe Riser Diagram and Details, Preliminary Sketches.

HARMON COURTNEY SMISER—
Section Elevation of Electric Laboratory, Plans of Lights and Lighting Equipment, Lighting Calculations.

DAVID SUMNER SPRINGER—
Plan of Sewer Mains, Elevation of Sewer Piping, Motor Load Calculations, Load Factor, Diversity Factor, and Use Factor Calculations, Specifications for Motors, Motor-generators, and Drainage System.

JOHN NEWLAND WATERS—
Location of Wall Thimbles, Concrete Floor Details in Machine Shop, Stairway and Hand-rail Details, Heat Engineering Laboratory Piping Elevation, Specifications for Stairways, Hand-rails, and Elevators.

Bachelor of Mining Engineering.

W. C. EYL AND J. J. HUME—
A Study of Parts of the Estill County Oil Field, Based on Practical Work in That Field.
H. K. Hines—
The Design of a Circulating Current Coal Washer, Including the Construction of a Working Model to Illustrate the Principles Involved. (Original with Mr. Hines.)

E. B. Jones—

C. J. Schirmer and S. L. Ware—
The Flotation Process Applied to the Concentration of Sulphide Ores, With Practical Illustrations, Including the Construction of a Working Model of a Frothing Machine and Description of a Framed Flow Sheet and Accompanying Samples Deposited with the College of Mines and Metallurgy: A Thesis Based on Studies and Personal Experience in Arizona.

O. G. Shwant—
The Use and Installation of Electricity in Coal Mines.

Bachelor of Home Economics.

Jessie Hunt Florence—
Studies in Clothing Budgets for College and Professional Women.

Members of the Class of 1916 who received their Degrees in December, 1916:

Rachael Bohrer
Owen Scott Lee
W. L. McKee
O. L. Willett
Eugene McClure

A. B. in Education
B. S. Industrial Chemistry
A. B. in History
A. B. in Education
B. S. in Agriculture

Honor Graduates

College of Arts and Science.
Carrie Frances Blair
Helen Pauline Burkholder
Arthur Sewell Kelley

College of Civil Engineering.
William Mason Adams

College of Mechanical and Electrical Engineering.
Arthur Wayne Davies

College of Law.
Lena Madesin Phillips
**Advanced Degrees**

**Master of Arts.**

**CHARLES LEROY BOWERS**—
Browning's Theory of Evil.

**ELIZABETH ELDRIDGE**—
Browning's Personal and Literary Associations with France.

**OTTO J. JONES**—
The Junior High School.

**DUDLEY H. STARNES**—
The Relation of the Motion Picture to the Work and Deportment of Pupils in the School

**Master of Science.**

**ESCO FIRMAN ELIZET**—
The Reaction of Aluminium Phenylate with Nitro Compounds and Their Reduction Products.

**WILLIAM ALBERT JOHNS**—
Agricultural Education.

**JAMES T. MADISON**—
Civil Engineer.

**ARTHUR RAY BENNETT**—
A Description of the Furnaces in Use and the Basic Open Hearth Process of Making Steel as Practiced at the East St. Louis Plant of the American Steel Foundries.

**HOWARD PAYNE INGLES**—
Design of Plant for the Manufacture of Six-Inch Shells.

**VIRGIL DICK ROBERTS**—
Design of Double Barrel Hay Press.

**Electrical Engineer.**

**ACHILLES CALLOWAY GOUGH**—
Design of Automobile Electric Equipment Applied to a Light Six, Piston Two and Thirteen-sixteenths Inches, Stroke Five Inches.

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**Honorary Degrees**

**Doctor of Laws.**  
**BERKELEY, CALIFORNIA**

**Benjamin Ide Wheeler**

**Doctor of Literature.**  
**NEW YORK CITY, N. Y.**

**James Lane Allen**

(To be delivered in Absentia)
MY OLD KENTUCKY HOME

1. The sun shines bright in the old Kentucky home,
   "Tis summer, the darkies are gay,
The corn's ripe and the meadow's in the bloom,
   While the birds make music all the day.
The young folks roll on the little cabin floor,
   All merry, all happy and bright;
   By morn by hard times comes a knocking at the door.
Then my old Kentucky home, good night!

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

2. They hunt no more for the possum and the coon,
   On the meadow, the hill, and the shore;
   They sing no more by the glimmer of the moon,
   On the bench by the old cabin door.
   The day goes by like a shadow o'er the heart.
   With sorrow where all was delight;
   Then my old Kentucky home, good night!

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

3. The head must bow and the back will have to bend,
   Wherever the darky may go;
   A few more days, and the trouble all will end,
   In the field where the sugar canes grow;
   A few more days for to tote the weary load,
   No matter, 'twill never be light;
   Then my old Kentucky home, good night!

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

4. The sun shines bright in the old Kentucky home,
   "Tis summer, the darkies are gay,
The corn's ripe and the meadow's in the bloom,
   While the birds make music all the day.
The young folks roll on the little cabin floor,
   All merry, all happy and bright;
   By morn by hard times comes a knocking at the door.
Then my old Kentucky home, good night!

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

   Chorus.
   Weep no more, my lady,
   O weep no more today!
   We will sing one song,
   For the old Kentucky home,
   For the old Kentucky home,
   Far away.

   "THE STAR-SPANGLED BANNER"
   (The National Anthem of the United States.)

1. Oh, say, can you see, by the dawn's early light,
   What so proudly we hailed at the twilight's last gleaming,
   Whose broad stripes and bright stars, thro' the perilous night
   O'er the ramparts we watched were so gallantly streaming?
   And the rockets' red glare, the bombs bursting in air,
   Gave proof through the night that our flag was still there.

   Chorus.
   Oh, say, does that star-spangled banner yet wave,
   O'er the land of the free, and the home of the brave?
   On the shore dimly seen thro' the mist of the deep,
   Where the foe's haughty host in dread阵足我们,
   As it flutters by the breeze o'er the nation's decay,
   It头脑 the dear land of the free.

   Chorus.
   "Tis the star-spangled banner, O long may it wave,
   O'er the land of the free, and the home of the brave!

   Chorus.
   And where is that band, that so vauntingly swore
   That the havoc of war and the battle's confusion
   A home and a country should save us no more,
   Their blood has washed out their foul footstep's pollution.
   Now it fades upon the sky like a fleeting dream,
   From the terror of flight and the gloom of the grave.

   Chorus.
   And the star-spangled banner in triumph wave,
   O'er the land of the free, and the home of the brave?

   Chorus.
   Oh, thus be it ever when freemen shall stand,
   Between their loved homes and the war's desolation,
   Blest with victory and peace, may the nation great
   Praise the power that hath made and preserved us a nation.
   Then conquer we must, when our cause it is just,
   And this be our motto: "In God is our Trust."

   Chorus.
   And the star-spangled banner in triumph wave,
   O'er the land of the free, and the home of the brave?

   Chorus.
   Written off Fort McHenry, Baltimore, MD., during bombardment by British fleet, 1814.

FRANCIS SCOTT KEY.
Ushers

Sergeant L. Chalkley, Jr.
Sergeant G. H. Creech
Corporal F. W. Tuttle
Private F. Paul Anderson, Jr.
Private C. Cramer
Private J. R. Drummy
Private E. E. Elsey
Private J. G. Heber
Private F. J. Trapp
Captain John C. Fairfax
Sergeant George L. Rollison
U. S. Infantry, Unassigned, Assistant