

# ANNUAL COMMENCEMENT

Fall Division of the  
Class of 1900

IOWA STATE COLLEGE  
of Agriculture and  
Mechanic Arts



College Chapel, Ames, Iowa  
December 20, at 7:30 P. M.

..1900



# PROGRAM

Invocation.

Music.

*Suppe* . . . . . "Poet and Peasant" (Piano Quartet)  
Mrs. Resler and Miss Ehlers  
Misses Scott and Clasey

Address to the Trustees and Graduating Class  
by Hon. W. O. Thompson, President  
Ohio State University, Columbus, Ohio.

Music.

*Buck* . . . . . "To the Field; to the Hunt"  
I. S. C. Glee Club

Conferring of Degrees—Pres. W. M. Beard-  
shear.

## Subjects of Theses in the Graduate and Post Graduate Courses for December 20, 1900.

### DIVISION OF AGRICULTURE

- CUMMING, MELVILLE—Agricultural Education and Experiment Station  
Work in America.  
BUNKER, J. W.; DILLER, L. L.—A Study in Seeding.  
ELLIS, C. E.—Cattle Foods.  
HOUGHTON, W. A.—The Angora Goat.  
HECKER, A. L.—Skin-Milk Calves.  
MARSHALL, E. R.—Market Wools, Grades and Uses.  
MAST, W. H.—Observations on the Natural Forest Growth of the Middle  
West.  
MCDILL, WILSON—Relation of Breeds and Economic Dairy Production.  
PALMER, HENRY—The Breeding and Development of Hereford Cattle.

### DIVISION OF VETERINARY SCIENCE

- DEMING, CHAS.; DAY, W. W.—Plants of Iowa Poisonous to Live Stock.  
JOHNSON, W. L.; LOWE, J. H.—The Physiological Action of *Agropyron*  
*repens*, especially on Equines.  
PARKER, F. F.; SUIT, F. T.—Veterinary Posology.



## DIVISION OF ENGINEERING

### DEPARTMENT OF MECHANICAL ENGINEERING

LEWIS, MARTIN; WILSON, W. M.—The Cost and Efficiency of the I. S. C. Power Plant.

### DEPARTMENT OF ELECTRICAL ENGINEERING

EGGER, C. A.; WORTMAN, R. W.—A Study of Storage Batteries.

JOHNSON, S. P.—The Design, Construction and Test of a 5 K. W. Transformer.

MCBIRNEY, J. F.; NOWLAN, B. C.—The Design of a Lighting Plant for the Town of Rolfe.

## DIVISION OF SCIENCE AS RELATED TO THE INDUSTRIES

### SCIENCE

BONE, F. S.—Origin and Early Development of the Constitution of the United States.

FAUROT, F. W.—Notes on Chromogenic Bacteria Found in the Vicinity of Ames.

HENSEN, PAUL—Phenological Observations on Plants in the Vicinity of Ames.

KEGLEY, BIRDIE—The Economic Development of Japan.

LECLERE, E. G.—The Growth of American Democracy.

LENTNER, SYBIL—The Voice as a Factor in Literary Interpretation.

PADDOCK, ESTELLA A.—Ecological Notes of the Flora of LaCrosse, Wisconsin.

SCOTT, I. J.—The English System of Colonial Government as a Model for The Philippines.

THOMAS, H. H.; MCKINLEY, A. D.—The Bacteriological Examination of Certain Well Waters and of Squaw Creek.

WALKER, L. R.—Sewage Disposal, with Special Consideration to the Bacteriological Analysis of the I. S. C. Sewage.

WHITE, CHAS. S.—The English System of Colonial Government against the Territorial Form of Government.

### GENERAL AND DOMESTIC SCIENCE

DOWN, ELLA—Analytic and Synthetic Methods of Portraying Character as Illustrated in the Works of Certain Leading Novelists.

ELLIS, ESTELLA—A Study of the Food Value of the Fish Procurable in Ames.

HASBROUCK, HATTIE; JOHNSON, DELLA M.—A Study of Frozen Foods; Their Preparation and Serving.

KELSEY, SUSAN—The Catholic Re-action in the Days of Mary Tudor.

KNIGHT, ADDIE—Figures of Speech in the Portrayal of Character: A Study in the Art of Speech. (Limited to Macbeth.)

NICHOLAS, NELLIE—The Bacteriological Analysis of Well Water.

SCHOTT, SOPHIA; EASTWOOD, MAUDE—A Study of Cheese: Especially, Considering the Digestibility, Nutritive Value and Ways of Serving.

### POST GRADUATE COURSES

BROWN, J. C.—The Chemical Investigation of I. S. C. Sewage Plant.

GRETTEBERG, H. N.—The Chemical Study of Butter.

HODSON, E. R.—Notes on Some Fungus Diseases of Cultivated Plants.

VERNON, J. J.—The History and Development of *Vitis labruscae* with Special Reference to Its Cultivation in Iowa.