

***Note: The JHU archives does not own a complete commencement program for 1904. The following information was drawn from contemporary sources: the Annual Report of the President and the Johns Hopkins University Register.***

Date: June 14, 1904

Location: Academy of Music

Graduates

## Doctors of Philosophy

James Barnes – Physics

*On the Analysis of Bright Spectrum Lines / On the Spectrum of Magnesium*

Harry Preston Bassett – Chemistry

*Determination of the Relative Velocities of the Ions of Silver Nitrate in Mixtures of the Alcohols and Water and on the Conductivity of such Mixtures*

Charles Edward Brooks – Mathematics

*Orthic Curves, or Algebraic Curves which satisfy Laplace's Equation in Two Dimensions*

George Griffin Brownell – Spanish

*The Position of the Attributive Adjective in the Don Quixote*

Douglas Labaree Buffum – French

*Le Roman de la Violette: A Study of the Manuscripts and the Original Dialect*

Howard Vernon Canter – Latin

*The Infinitive Construction in Livy*

Charles Geiger Carroll – Chemistry

*A Study of the Conductivity of Certain Electrolytes in Water, Methyl and Ethyl Alcohols, and Mixtures of these Solvents: The Relation between Conductivity and Viscosity*

Walter Buckingham Carver – Mathematics

*On the Cayley-Veronese Class of Configurations*

Rheinart Parker Cowles – Zoology

*Phoronis Architecta: Its Life-History, Anatomy, and Breeding Habits*

John Jackson Crumley – Latin

*On the Social Standing of Freedmen as indicated in the Latin Writers – preceded by a Discussion of the Use and Meaning of the words Libertus and Libertinus*

Howard Waters Doughty – Chemistry

*Phenylsulphoneorthocarbonic Acid and Related Compounds*

Aaron Ember – Hebrew

*The Pluralis Extensivus in Hebrew*

Otto Charles Glaser – Zoology

*The Larva of Fasciolaria tulipa (var. distans)*  
 Elliot Snell Hall – Chemistry  
*A Study of Some New Semi-permeable Membranes / Experiments on the Preparation of Porous  
 Cups suitable for the Measurement of Osmotic Pressure*

Henry Dickinson Hill – Physics  
*Measurement of Self-Inductance*

John Porter Hollis – History  
*The Early Period of Reconstruction in South Carolina*

Arthur Isaac Kendall – Bacteriology  
*An Investigation of the Methods of Bacterial Technique, Preparation of Cultural Media, Cultural  
 Characteristics, and the Classification of Bacteria*

Albert Frederick Kuersteiner – Spanish  
*The Use of the Relative Pronoun in the Rimado di Palacio*

Charles Edward Lyon – German  
*The History of the German Address Forms in Medieval Epic Poetry*

Ernest Gale Martin – Physiology  
*An Experimental Study of the Rhythmic Activity of Strips of Heart Muscle*

Raymond Durbin Miller – English  
*Secondary Accent in Modern English Verse*

James Raider Mood – Latin  
*Some Peculiar Usages of the Latin Verb Venire*

McKendree Llewellyn Raney – Greek  
*The Case regimen of the Verbs of Hearing in Classical Greek from Homer to Demosthenes*

John Joseph Rutledge – Geology  
*The Clinton Iron Stores of Stone Valley, Huntingdon County, Pennsylvania*

Theodore Leslie Shear – Greek  
*The Influence of Plato on Saint Basil*

Harry William Springsteen – Physics  
*The Magnetic Rotatory Dispersion of Sodium Vapor*

Charles Kephart Swartz – Geology  
*The Columbus Formation of Central-Northern Ohio, including an Account of the Geology of the  
 Eastern Part of the Marblehead Peninsula*

David Hilt Tennent – Zoology  
*A Study of the Life-History of Bucephalus haimeanus, a Parasite of the Oyster*

James Blanton Wharey – English  
*A Study of the Sources of Bunyan's Allegories, with Special Reference to Dequileville's Pilgrimage  
 of Man*

William Phillips Winter – Chemistry  
*An Investigation of Sodamide and of its Reaction-products with Phosphorus and with Phosphorus  
 Pentachloride*

The following gentlemen completed the requirements for the degree of Doctor of Philosophy in  
 February, 1904:

Rheinart Parker Cowles – Zoology  
*Phoronis Architecta: Its Life-History, Anatomy, and Breeding Habits*

John Phillip Schneider – English  
*The Prose Style of Richard Rolle of Hampole*