LIST OF MASTER'S THESSES, 1958

Ahleborn, Richard Eighme
Spanish Colonial Wood Carving in New Mexico, 1598-1848

Atalla, Rajat H.
A Photographic Study of the Structure of Enclosed Turbulent Flames

Ballard, George A., Jr.
The Background to the Hannibalic War

Barczewski, Joanne Katherine
The Effect of Crop Residues, Cellulosic Materials and Related Compounds on Soil Structure and Microbial Gum Production

Behringer, Richard David
The Effects of Incentive and Affiliation in a Probability Learning Situation

Belden, Louise Conway
Humphrey Marshall, American Quaker Botanist

Briefman, Louise
The Monosaccharides Isolated from the Capsules of Two Serological Type Strains of Pasteurella Multocida

Brown, Irwin Frederick, Jr.
Physiological Studies of Botryosphaeria ribis

Buerk, Richard Kummer
The Functional Relationship between the Second Closure Factor and Retroactive Inhibition

Campbell, Lloyd Wayne
Polynomial Approximation of Analytic Functions

Carey, Robert Lee
Agricultural Economics
An Economic Analysis of Mushroom Marketing

Chandler, David Wayne
Business Administration
Appraisal of Marketing Problems of Electric Home Heating in New England
CONNOLLY, JAMES DONALD  
Animal and Poultry Industry  
The Effects of Aureomycin upon the Development of Bacterial Function in the Rumen of Dairy Calves

CONVERSE, ALVIN O.  
Chemical Engineering  
Simulation of Pulsating Compressible Flow in a Straight Pipe with an Electronic Analog Computer

COULTER, GEORGE ANDREW  
Physics  
Pressure and Growth of Mach Configurations

CRAIG, ROBERT GEORGE  
Business Administration  
Accounting for Wasting Assets

CREE, DORIS JEAN  
Early American Culture  
Thomas Birch: A Study of the Condition of Painting and the Artist's Position in Federal America

DAC, LE KIM  
Chemistry  
Studies on the Cofactor Requirements of Sarcosine Oxidase

DAVENPORT, PAUL BARRY  
Mathematics  
The General Solution of Systems of Simultaneous Linear Differential Equations with Constant Coefficients

DEDINAS, JONAS  
Chemical Engineering  
Laminar Burning Velocities and Flame Front Characteristics of n-Butane-Air Flames

DIEHL, ROBERT EUGENE  
Chemistry  
More Evidence for the Course of Addition to the Camphene Nucleus

DITTMAN, ROGER ROY  
Physics  
Methods of Determining Neutron Spectra and Doses from Threshold and Fission Foil Detectors

DOUGHERTY, MARY CHRISTINE  
Chemistry  
Reaction of Thiourea with an Acid Chloride

DULING, IRL N.  
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Enolization in Bicyclic Systems
EHRREICH, JOHN EDWARD  
Chemical Engineering  
Vapor Phase Kinetic Studies of the Catalytic Hydration of Ethylene Oxide

EMERY, RICHARD ARLEN  
Sociology  
Social and Personal Factors Influencing Choice of the Episcopal Ministry as a Career

EVANS, HENSON MICHAEL, JR.  
Agricultural Economics  
Profitability of Alternate Forage Programs on Delaware Dairy Farms With Special Emphasis on Individual Farms with Different Resources

FERVER, ALLEN FRANCIS, JR.  
Plant Pathology  
Host Parasite Relationship of the Oat, *Avena Sativa* and a Root-Knot Nematode, *Meloidogyne Incognita Acrita*

FIELD, DAVID EUGENE  
Chemical Engineering  
Plate Efficiency of a Bubble Cap Tray under Simulated Vacuum Conditions

FIELDS, MARVIN CHESTER  
Chemical Engineering  
Interfacial Resistance in Gas Absorption

FRIEND, WILLIAM LOUIS  
Chemical Engineering  
Turbulent Heat Transfer Inside Tubes

GOODLEY, GEORGE RICHARD  
Chemistry  
A Study of Bis Biphenyl Chromium (I) Iodide

GRAY, RALPH D.  
History  
Delaware and its Canal, the Early History of the Chesapeake and Delaware Canal, 1769-1829

GREEN, MARION NEIDE  
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Theories Concerning the Tragic Catharsis

GRUBB, RALPH CURTIS  
Mechanical Engineering  
Mathematical Analysis of a Closed Loop Automatic Temperature Control System

HAAS, ANN S.  
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Laboratory Demonstrations for the Junior High School General Science Course
HAGER, FREDERICK WILLIAM

An Iterative Method for the Resolution of Non-Normal Frequency Distribution into their Normal Components

HAMMOND, MARY KATHERINE

Political Science

The Variable Role of the Vice Presidency

HARRIS, HARRY N.

Electrical Engineering

The Ionospheric E Region and its Dependency on the Sun

HOPKINS, THOMAS LEE

Biological Sciences

On the Breeding and Occurrence of Opossum Shrimp (Order Mysidacea) in Indian River Inlet, Delaware

HITE, GEORGE B.

Business Administration

An Analysis of the Application of the Large-Scale Digital Computer in Business

HOWARD, GEORGE STARK

Mechanical Engineering

The Determination of the Axial Position of an Interstage Bleed for an Axial Flow Compressor by the Stage Stacking Method

HOWARD, JOHN BAKER

Economics

Application of the Diffusion Index Approach to Industry Analysis

INMAN, HARRY C.

Mechanical Engineering

Solutions for Flow over a Cusp Using an Electrical Conductance Sheet Analogue

JONES, STUART LAURIE

Chemical Engineering

Vapor—Liquid Equilibria of the Systems Boron Trichloride—Phosgene, Chlorine—Phosgene, and Boron Trichloride—Chlorine—Phosgene

JORDAN, DAVID PAUL

Chemistry

Silver (II) Oxide in Organic Oxidations

KAIER, RONALD JOHN

Chemistry

The Ternary System Strontium Chloride-Dioxane-Water

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LEAVITT, ROBERT R.  
Electrical Engineering  
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LEBONETTE, FRANCIS ANTHONY  
Mechanical Engineering  
Gas Mixtures Properties and their Effect on Turbine Performance

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LOZIER, RAYMOND  
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MALONEY, THOMAS JOSEPH  
Business Administration  
Selection, Development and Installation of a Fixed Asset Accounting System with Emphasis on the Role of Machine Accounting: a Case Study

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Polymeric Olefins of t-Amyl Alcohol and Isopropylmethylcarbinol

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Animal and Poultry Industry  
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MEANS, MARY ELIZABETH  
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Early American Trade Cards

MERGES, JOHN CHARLES, JR.  
Chemistry  
A Study of Terpene Dimers

MITMAN, JOHN J.  
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Cellulose Carbamates Derived from Alkyl Isocyanates

MILLER, ROBERT WILSON  
Chemical Engineering  
Spectrophotometric Studies of a Flame Front at Low Pressure

MORRIS, JOHN LOUD  
Animal and Poultry Industry  
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NICHOLS, ROY FRANCIS, JR.  
Chemistry  
Polyurethans from Methylene (4-Phenyl Isocyanate) and Hydroxyethyl Phenols

JAMES AULTON NONEMAKER  
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The New York Town House 1815-1840

NORD, SAMUEL GILBERT  
Psychology  
Time Factors in the Perception of Moving Contours

PARKS, JOHN CLEMENT  
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Elements of the Labor Force and its Environment in the Petroleum Industry

PORTER, LOUISE MESSICK  
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The Wesleyan Female College, Wilmington, Delaware

POULOS, THANOS A.  
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PURSELL, CARROLL WIRTH, JR.  
History  
That Never Failing Stream: A History of Milling along Red Clay Creek during the Nineteenth Century

RANIERE, LAWRENCE CHARLES  
Plant Pathology  
Influence of Overhead Irrigation on Microclimate and Colletotrichum phomoides (Sacc.) Chester

RICHEY, WILLIAM ARTHUR  
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RICKLES, ROBERT NORMAN  
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ROSENGAUS, HARVEY  
Chemical Engineering  
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ROSSELLI, ANGELO A.  
Mechanical Engineering  
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RUBENSTEIN, LEWIS C.  
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Johnson Hall
Runkle, John Curtin, Jr.  Business Administration
A Critical Analysis of Television as an Advertising Medium for Detergents with Special Reference to the Proctor & Gamble Company

Sanderson, Thomas F.  Chemistry
Preparation and Bromination of β-Cyano-δ-Hydroxycinnamic Esters Derived from o-Xylene

Shands, Wayland Arthur, Jr.  Plant Pathology
The Influence of Nitrogen and Potassium on the Relationship of Meloidogyne incognita acrita and soybeans

Sheeto, Joseph John  Chemistry
The Reaction of B-Benzpinacolone with Mesitylmagnesium Bromide

Shyluk, Shirley  Chemistry
A Study of the Synthesis of Glycyl Iminodiacetic Acid

Sliben, Robert J.  Education
An Introduction to the Concept of Number (From Natural Numbers to Integers)

Smith, Ronald William  Plant Pathology
Taxonomy, etiology, and control of Colletotrichum piperatum (Ell. & Ev.) Ell. & Hals. and Colletotrichum capsici (Syd.) B. & B.

Soukup, Roy, Jr.  Business Administration
The Music Performance Trust Funds of the Recording Industries (1948-1957)

Spencer, Robert Dionne  Agricultural Economics
The Relative Costs of Prepackaging Broilers at the Processor and Retailer Levels

Stevenson, Robert A., Jr.  Biological Sciences
The Biology of the Anchovies Anchoa mitchilli mitchilli Cuvier and Valenciennes 1848 and Anchoa hepsetus hepsetus Linnaeus 1758 in Delaware Bay

Tugend, Charles Franklin, Jr.  Business Administration
Portable Pensions
Vatvars, Arturs
Mercerization of Cotton With Nitric Acid

Waddington, John Thomas
Factors Affecting the Yield and Quality of the Delus Potato

Waxman, Lorraine
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French Influence on American Decorative Arts of the Early Nineteenth Century—The Work of Charles-Honore Lannuier

Williams, Donald Bruce
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Wilt, Paul Clifford
The Life of the Rev. Robert Cathcart, D. D.

Wires, Robert A.
The Effects on Flame Parameters When Hydrogen or Deuterium is Added to a Stoichiometric Carbon Monoxide-Oxygen Mixture

Wolf, Herbert Otto
Chemical Engineering
Correlation of Sieve Plate Efficiency as a Function of Operating Variables

Wostroff, Nancy Jane
Early American Culture
Graeme Park—An Eighteenth Century Country Estate in Horsham, Pennsylvania