

2017

Donald Austin Olewine papers

Zach S. Henderson Library Special Collections

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OVERVIEW OF COLLECTION

Title: Donald Austin Olewine papers

Date: 1950-1981

Extent: 12 Boxes

Creator/Collector: Olewine, Donald Austin, 1928 - 1982

Language: English

Repository: Zach S. Henderson Library Special Collections, Georgia Southern University, Statesboro, GA. specolle@georgiasouthern.edu. 912-478-7819. library.georgiasouthern.edu.

Processing Note: Finding aid revised in 2019.

INFORMATION FOR USE OF COLLECTION

Conditions Governing Access: The collection is open for research use. Any student records in this series are subject to Family Educational Rights and Privacy Act (FERPA) restrictions of seventy-five years from the date of creation of the record.

Physical Access: Materials must be viewed in the Special Collections Reading Room under the supervision of Special Collections staff.

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Preferred Citation: [Item Identification], Donald Austin Olewine Papers, Zach S. Henderson Library Special Collections, Georgia Southern University, Statesboro, GA

ABOUT THE COLLECTION

Biographical History: Donald Austin Olewine was an expert in medical physiology. He served as Professor of Biology at Georgia Southern College from 1965-1982.

Scope and Content: This collection consists of Donald Austin Olewine's research on various subjects related to medical physiology and biology. Materials span 1965-1982 and include published and unpublished articles, pamphlets, brochures, magazines, and student work.

System of Arrangement: The materials have been left as creator arranged them. Folder titles also assigned by the creator.

Box 1: 0200105034694
Box 2: 0200105034496
Box 3: 0200105034298
Box 4: 0200105034090
Box 5: 0200105034892
Box 6: 0200105034504

Box 7: 0200105034702
Box 8: 0200105034306
Box 9: 0200105034512
Box 10: 0200105034314
Box 11: 0200105034520
Box 12: 0200105034538

Access Points:

Olewine, Donald Austin
Physiology

CONTAINER LISTING

Box 1: 0200105034694

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Hypertension Treatment - Drugs, Blockade, Conditioning (1)		
Hypertension Treatment - Drugs, Blockade, Conditioning (2)		
Animal Care - Environmental Conditions, Diseases (1)		
Animal Care - Environmental Conditions, Diseases (2)		

Animal Care - Environmental Conditions, Diseases (3)		
Animal Care - Environmental Conditions, Diseases (4)		
Prevention of Pregnancy (1)		
Prevention of Pregnancy (2)		
Prevention of Pregnancy (3)		
Prevention of Pregnancy (4)		
Prevention of Pregnancy (5)		
Hormones - General - Cyclic AMP, Prostaglandins (1)		
Hormones - General - Cyclic AMP, Prostaglandins (2)		
Hormones - General - Cyclic AMP, Prostaglandins (3)		
Hormones - General - Cyclic AMP, Prostaglandins (4)		
American Heart Association (1)		
American Heart Association (2)		

Box 2: 0200105034496

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
<p>1980 - Hypertension committee NOTE: This file and the two following files contain materials relating to Dr. Olewine's work on the High Blood Pressure Committee of the American Heart Association, Georgia Affiliate. The dates range from 1977 to 1980.</p> <p>High Blood Pressure committee - Georgia Heart (1)</p> <p>High Blood Pressure committee - Georgia Heart (2)</p> <p>Physical Fitness (1)</p> <p>Physical Fitness (2)</p> <p>Jogging (NOTE: This file contains articles re: Dr. Olewine's own research on jogging.)</p> <p>Exercise and Fitness</p>		

<p>Blood Platelets - General, Endothel, Lipids</p> <p>Stress(1)</p> <p>Stress (2)</p> <p>Nutrition - Vitamin - Intravenous (1)</p> <p>Nutrition - Vitamin - Intravenous (2)</p> <p>Nutrition - Vitamin - Intravenous (3)</p> <p>Obesity - Development, Causes, Hypothalamus, Behavior - Social (1)</p> <p>Obesity - Development, Causes, Hypothalamus, Behavior - Social (2)</p> <p>Alcohol and Alcoholism (1)</p> <p>Alcohol and Alcoholism (2)</p> <p>Alcohol and Alcoholism (3)</p> <p>Cardiovascular Disease: Psychological, Sociological Aspects (1)</p> <p>Cardiovascular Disease: Psychological, Sociological Aspects (2)</p> <p>Cardiovascular Disease: Psychological, Sociological Aspects (3)</p> <p>Cardiovascular Disease: Psychological, Sociological Aspects (4)</p> <p>Cardiovascular Disease: Psychological, Sociological Aspects (5)</p>		
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Box 3: 0200105034298

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
<p>Violence (1)</p> <p>Violence (2)</p> <p>Pharmacology</p> <p>General Kidney - Renal Clearance (1)</p> <p>General Kidney - Renal Clearance (2)</p> <p>General Kidney - Renal Clearance (3) Tail Tendon, Collagen (1) Tail Tendon, Collagen (2) Tail Tendon, Collagen (3)</p> <p>Lab Values: Experimental Devices</p>		

Cardiovascular Diseases - Epidemiologic Studies (1) Cardiovascular Diseases - Epidemiologic Studies (2) Cardiovascular Diseases - Epidemiologic Studies - Evans County (NOTE: This file contains information on a study of heart disease performed in Evans County in 1965-1966.) Blood Pressure - Methods (1) Blood Pressure - Methods (2) Muscle - Muscular Dystrophy Catecholamines - Excretion and Plasma Smoking - Nicotine (1) Smoking - Nicotine (2) Smoking - Nicotine (3)		
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Box 4: 0200105034090

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Smoking - Nicotine (4) Hypertension Epidemiology - Causes, Diet, Salt, Emotion, Oral Contraceptives (1) Hypertension Epidemiology - Causes, Diet, Salt, Emotion, Oral Contraceptives (2) Blood Vessels - Flow, Organ, Perfusion Behavioral Modifications - General Arousal - Self-Dreaming Genetics - General, Genetic Markers, Blood, Saliva, Urine Cardiac Muscle: Vascular Pregnancy/Childbirth Solvent Sniffing - Aerosol Sperm Transport - Ova Transport, Sperm Capacitation		

Cardiovascular Disease - Activity, Training, Age (1)		
Cardiovascular Disease - Activity, Training, Age (2)		
Evolution, Natural Selection, Anthropology, Origin of Life (1)		
Evolution, Natural Selection, Anthropology, Origin of Life (2)		

Box 5: 0200105034892

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Lysergic Acid (1)		
Lysergic Acid (2)		
Alpha Production - Frontalis Muscle (1)		
Alpha Production - Frontalis Muscle (2)		
Temperature - Regulation, Heat Stroke, Heat Exhaustion, Fever, Hot Environment (1)		
Temperature - Regulation, Heat Stroke, Heat Exhaustion, Fever, Hot Environment (2)		
Temperature - Regulation, Heat Stroke, Heat Exhaustion, Fever, Hot Environment (3)		
Blood Platelets - Prostaglandin, Cyclic Amp, Drugs, Aspirin, Ions		
Nervous System - Reprints		
Neurological Diseases		
Behavior		
Prevention of Cardiovascular Disease - Physical Activity		
Rehabilitation - Cardiac Disease, Myocardial Infarction		
Cardiac Muscle - Metabolism, Nutrients, Hormones, Drugs, Blood Cases, Cate Co.		
Drugs (1)		
Drugs (2)		
Respiration		

Biochemistry - Proteins (1)		
Biochemistry - Proteins (2)		
Maximal Oxygen Consumption - Female		
Blood Platelets - Adhesiveness, Morph., Biochem .and Physiol.		

Box 6: 0200105034504

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Biofeedback - EEG		
Biofeedback - Cardiovascular, Hypertension, Temperature		
Nervous System - Behavioral, Sensory Receptors (1)		
Nervous System - Behavioral, Sensory Receptors (2)		
Nervous System - Behavioral, Sensory Receptors (3)		
Tape Recording Data (1) (NOTE: This file and the two following it contain information re: a survey on the use of taped lectures done by Dr. Olewine)		
Tape Recording Data (2)		
Tape Evaluations		
Space - Gravitational Force		
Headache		
Conditions		
Cardiovascular - Electrolytes, Fluids, Body Fluid, Compartments (1)		
Cardiovascular - Electrolytes, Fluids, Body Fluid, Compartments (2)		
Antiperspirants		
Fertilization - Olfactory		
Obesity - Caloric Restriction, Fasting, Starvation, Eating Frequency		
Muscle - Alcohol, Drugs, Anabolic Steroids		
Exercise - Physiology, General, Bone, Eye		

Food Additives Electroshock Therapy Oxygen Debt - Anaerobic Work Effects of Drugs - Exercise - Beta Blockers, Digitalis, Nitrology Genetic Diseases - Cystic Fibrosis, Hemophilia, Sickle Cell Aging - Nervous System, Adaptability, Procaine Bacteria - Viruses, Inflammation Atherosclerosis - Prevention, Treatment, Diet, Anticoagulant, Activity, Youth (1) Atherosclerosis - Prevention, Treatment, Diet, Anticoagulant, Activity, Youth (2)		
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Box 7: 0200105034702

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Marriage Exercise - Heart (1) Exercise - Heart (2) Exercise - Blood Levels, Nutrients, Waste Products, Enzymes, Ions, Hormones (1) Exercise - Blood Levels, Nutrients, Waste Products, Enzymes, Ions, Hormones (2) Blood Clotting - Anticoagulant Temperature Regulation, Hypothalamus, Ions, Sweat Production - Composition, Exercise (1) Temperature Regulation, Hypothalamus, Ions, Sweat Production - Composition, Exercise (2) Carbohydrate - Metabolism - Homeostasis (1) Carbohydrate - Metabolism - Homeostasis (2) Carbohydrate - Metabolism - Homeostasis (3)		

<p>Cardiovascular Physiology (1)</p> <p>Cardiovascular Physiology (2)</p> <p>Cardiovascular Physiology (3)</p> <p>Blood Platelets (1)</p> <p>Blood Platelets (2)</p> <p>Pain</p> <p>Exercise - Nutrition</p> <p>Exercise - Animals</p> <p>Hormones, Hypothalamus, Pituitary, ADH, Oxytocin, Pineal (1)</p> <p>Hormones, Hypothalamus, Pituitary, ADH, Oxytocin, Pineal (2)</p>		
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Box 8: 0200105034306

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
<p>Hormones, Hypothalamus, Pituitary, ADH, Oxytocin, Pineal (3)</p> <p>Cardiac Muscle Contraction: Biochemistry, Electrical Ions, ATD (1)</p> <p>Cardiac Muscle Contraction: Biochemistry, Electrical Ions, ATD (2)</p> <p>Renin - Angiotensin (1)</p> <p>Renin - Angiotensin (2)</p> <p>Renin - Angiotensin (3)</p> <p>Food Intake: Psychological (1)</p> <p>Food Intake: Psychological (2)</p> <p>Food Intake: Psychological (3)</p> <p>Nutrition</p> <p>Bleeding Time (NOTE: As well as articles, this file contains information on a study by John A. Rodriguez-Zeo, a GSC student. Dr. Olewine was his faculty sponsor.)</p> <p>American Museum Novitates</p>		

Aspirin Behavior Biofeedback EMG Breast Feeding Cardiac Muscle - Disease, Injury, Recovery, Hypertrophy, Alcohol (1) Cardiac Muscle - Disease, Injury, Recovery, Hypertrophy, Alcohol (2) Cold Pressor Test Decidualization: Mechanism/Hormones (1) Decidualization: Mechanism/Hormones (2) Drug Education (1) Drug Education (2)		
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Box 9: 0200105034512

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Ecology - Field Work (1) Ecology - Field Work (2) Ecology - Field Work (3) EEG (1) EEG (2) EEG/EMG - Psychological - Male and Female (NOTE: This file and the two following it contain materials from thesis research done by Dr. Olewine's graduate students in the late 1970s (1976-1978).) Psychology - A-B Papers and Assessments Thesis - Thomas M. Coleman Exercise - Autonomic Nerve System Exercise - Blood - Altitude (1)		

Exercise - Blood - Altitude (2)

Exercise - Sympathetic, Blood Levels, Catecholamine, Urine Excretion

Fibrinolysin (1)

Fibrinolysin (2)

Fibrinolysin (3)

Genetics - Radiation (1)

Genetics - Radiation (2)

Genetics - Radiation (3)

GSR

Kidney - Electrolytes - Water, Protein, Osmolarity (1)

Kidney - Electrolytes - Water, Protein, Osmolarity (2)

Student Drinking

Nicotine

Photography - Kirlian

Box 10: 0200105034314

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
Kidney - Electrolytes - Water, Protein, Osmolarity (3)		
Kidney - Electrolytes - Water, Protein, Osmolarity (4)		
Liver - General - Regulation (1)		
Liver - General - Regulation (2)		
Muscle - Biochemistry, Exercise, Ions, Enzymes (1)		
Muscle - Biochemistry, Exercise, Ions, Enzymes (2)		
Muscle Disease - Myopathy, Rhabdomyolysis, Myoglobinemia, Differentiation, Regeneration		

Planaria - Personal Notes

Planaria - Physiological Studies on Planaria

Planaria - Planarian Regeneration

Planaria - Slime-Secreting Cells of Planarians

Planaria - Soil Texture Analysis

Planaria - Some Land Planarians of the U. S. And Europe, with Remarks on Nomenclature

Planaria - Amount of Training, Intermittent Reinforcement and Resistance to Extinction of the conditioned Withdrawal Response in the Earthworm

Planaria - Asexual Breeding and Prevention of Senescence in Planaria Velata

Planaria - The Asexual Cycle of Planaria Velata in Relation to Senescence and Rejuvenescence

Planaria - Behavior, Hormones and Hydra

Planaria - Dramatic Mitotic Response in Planarians After Feeding, and a Hypothesis for the Control Mechanism

Planaria - Ecological Observations on the Occurrence of Rhynchodermus, a Terrestrial Turbellian

Planaria - The Effects of Regeneration upon Retention of a Conditioned Response in the Planaria

Planaria - The Effects of Starvation on the Planarian Worm

Planaria - Endemic and Exotic Land Planarians in the U. S. With a Discussion of Necessary Change of Names in the Rhynchobdellida

Planaria - A Gradient of Protein Synthesis in Planaria and Reversal of Axial Polarity of Regenerates

Planaria - Land Planarians: Sexuality and Occurrence

Planaria - A Light-Dark Discrimination Problem with Terrestrial Planarians

<p>Planaria - Lysosomes and Lysosomal Enzyme Activity in the Regenerating Planarian; Evidence in Support of Dedifferentiation</p> <p>Planaria - Non-cellular Regeneration Processes in the Integument of the flatworm</p> <p>Planaria - On the Minimal size of a Planarian Capable of Regeneration</p> <p>Planaria - On a Peculiarity of Planarian Digestion</p> <p>Kidney - Renal Hypertrophy (1)</p> <p>Kidney - Renal Hypertrophy (2)</p> <p>Kidney - Renal Hypertrophy (3)</p> <p>Vertebrates/Invertebrates: Comparative Physiology (1)</p> <p>Vertebrates/Invertebrates: Comparative Physiology (2)</p> <p>Neurotransmitters, Receptor Sites, Synapse (1)</p> <p>Neurotransmitters, Receptor Sites, Synapse (2)</p> <p>Botany - Plant Physiology (1)</p>		
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Box 11: 0200105034520

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
<p>Botany - Plant Physiology (2)</p> <p>Kidney Excretion - Ammonia, Hydrogen, Potassium (1)</p> <p>Kidney Excretion - Ammonia, Hydrogen, Potassium (2)</p> <p>Immunity, Antibody Formation - General Thymus (1)</p> <p>Immunity, Antibody Formation - General Thymus (2)</p> <p>Limbic System</p>		

<p>ESP</p> <p>Aging Comp. Physiology - Plants</p> <p>Steroid Excretion</p> <p>Galvanic Skin Responses; Electrodermal</p> <p>Biofeedback - Internal Organs, Anxiety, Headache</p> <p>Parenthood - Childcare</p> <p>Weight Reduction - Activity, Diet, Biochemistry (1)</p> <p>Weight Reduction - Activity, Diet, Biochemistry (2)</p> <p>Weight Reduction - Activity, Diet, Biochemistry (3)</p> <p>Blood Clotting - abnormalities Blood</p> <p>Methods (1)</p> <p>Methods (2)</p> <p>Exercise/Cardiovascular Bleeding Time</p> <p>Catecholamine Platelet, Type A, Type B/Aggregation(7)</p> <p>Blood Platelet Aggregation as Related to High and Low Plasma Norephrine Response to Exercise</p> <p>Physical Activity, Catecholamines, and Platelet Sickness</p> <p>Embryology Development - Regeneration (1)</p> <p>Embryology Development - Regeneration (2)</p> <p>Pseudopregnancy - Deciduomata (1)</p> <p>Pseudopregnancy - Deciduomata (2)</p>		
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Box 12: 0200105034538

<u>Items</u>	<u>Box Number</u>	<u>Folder Number</u>
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Atherosclerosis - Cholesterol (1)

Atherosclerosis - Cholesterol (2)

Physiology (NOTE: The seven folders following this one were originally inside this folder.)

Circulation

Nerve Muscle

Endocrine

Kidney

Respiration

Miscellaneous

Biochemistry

Blood Platelets - Collagen, Serotonin, ADP, Catch