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Donald Austin Olewine was a professor in the Biology Department for many years. This collection consists of articles, pamphlets, brochures, magazines, etc. on various subjects related to physiology and biology, from 1950 to 1981. The finding aid is basically a list of folder titles. The materials have been left as Dr. Olewine arranged them, and I am using his subject headings.

**Box 1**

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)

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Box 2

1980 - Hypertension committee (1)

High Blood Pressure committee - Georgia Heart (1)

High Blood Pressure committee - Georgia Heart (2)

Physical Fitness (1)

Physical Fitness (2)
Jogging

Exercise and Fitness

Blood Platelets - General, Endothel, Lipids

Stress

Nutrition - Vitamin - Intravenous

Obesity - Development, Causes, Hypothalmus, Behavior - Social

Alcohol and Alcoholism

Cardiovascular Disease: Psychological, Sociological Aspects
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Box 3

Violence (1)

Violence (2)

Pharmacology

General Kidney - Renal Clearance (1)

General Kidney - Renal Clearance (2)

General Kidney - Renal Clearance (3)

Tail Tendon, Collagen (1)

Tail Tendon, Collagen (2)

Tail Tendon, Collagen (3)

Lab Values: Experimental Devices

Cardiovascular Diseases - Epideminoologic Studies (1)

Cardiovascular Diseases - Epideminoologic Studies (2)

Cardiovascular Diseases - Epideminoologic Studies - Evans County

Blood Pressure - Methods (1)

Blood Pressure - Methods (2)
Muscle - Muscular Distrophy

Catecholamines - Excretion and Plasma

Smoking - Nicotine (1)

Smoking - Nicotine (2)

Smoking - Nicotine (3)

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Box 4

Smoking - Nicotine (4)

Hypertension Epideminology - Causes, Diet, Salt, Emotion, Oral Contraceptives (1)

Hypertension Epideminology - 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)

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Box 5

Lysergic Acid (1)

Lysergic Acid (2)

Alpah Production - Frontalis Muscle (1)

Alpah 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 - Prostoglandin, 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


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Box 6

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)

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

http://libweb.lib.georgiasouthern.edu/specialcollections/manu/inv/olewine.htm
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

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)

Cardiovascular Physiology (1)

Cardiovascular Physiology (2)

Cardiovascular Physiology (3)

Blood Platelets (1)

Blood Platelets (2)

Pain

Exercise - Nutrition

Exercise - Animals

Hormones, Hypothalamous, Pituitary, ADH, Oxytocin, Pineal (1)

Hormones, Hypothalamous, Pituitary, ADH, Oxytocin, Pineal (2)

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Box 8

Hormones, Hypothalamous, Pituitary, ADH, Oxytocin, Pineal (3)

Cardia Muscle Contraction: Biochemistry, Electrical Ions, ATD (1)

Cardia Muscle Contraction: Biochemistry, Electrical Ions, ATD (2)

Renin - Angiotension (1)

Renin - Angiotension (2)

Renin - Angiotension (3)

Food Intake: Psychological (1)

Food Intake: Psychological (2)

Food Intake: Psychological (3)

Nutrition

Bleeding Time(5)

American Museum Novitates

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

Ecology - Field Work (1)

Ecology - Field Work (2)

Ecology - Field Work (3)

EEG (1)

EEG (2)

EEG/EMG - Psychological - Male and Female (6)

Psychology - A-B Papers and Assessments

Thesis - Thomas M. Coleman
Exercise - Automatic 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

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Box 10

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 Rhynchodemidae

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

Planaria - Lysosomes and Lysosomal Enzyme Activity in the Regenerating Planarian; Evidence in Support of Dedifferentiation

Planaria - Non-cellular Regeneration Processes in the Integument of the flatworm

Planaria - On the Minimal size of a Planarian Capable of Regeneration

Planaria - On a Peculiarity of Planarian Digestion

Kidney - Renal Hypertrophy (1)

Kidney - Renal Hypertrophy (2)

Kidney - Renal Hypertrophy (3)

Vertebrates/Invertebrates: Comparative Physiology (1)

Vertebrates/Invertebrates: Comparative Physiology (2)
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Box 11

Botany - Plant Physiology (2)

Kidney Excretion - Ammonia, Hydrogen, Potassium (1)

Kidney Excretion - Ammonia, Hydrogen, Potassium (2)

Immunity, Antibody Formation - General Thymus (1)

Immunity, Antibody Formation - General Thymus (2)

Limbic System

ESP

Aging Comp. Physiology - Plants

Steroid Excretion

Galvanic Skin Responses; Electrodermal

Biofeedback - Internal Organs, Anxiety, Headache
Parenthood - Childcare

Weight Reduction - Activity, Diet, Biochemistry (1)

Weight Reduction - Activity, Diet, Biochemistry (2)

Weight Reduction - Activity, Diet, Biochemistry (3)

Blood Clotting - abnormalities Blood

Methods (1)

Methods (2)

Exercise/Cardiovascular Bleeding Time

Catecholamine Platelet, Type A, Type B/Aggregation (7)

Blood Platelet Aggregation as Related to High and Low Plasma Norepinephrine Response to Exercise

Physical Activity, Catecholamines, and Platelet Sickness

Embryology Development - Regeneration (1)

Embryology Development - Regeneration (2)

Psuedopregnancy - Deciduomata (1)

Psuedopregnancy - Deciduomata (2)
Box 12

Atherosclerosis - Cholesterol (1)

Atherosclerosis - Cholesterol (2)

Physiology(8)

Circulation

Nerve Muscle

Endocrine

Kidney

Respiration

Miscellaneous

Biochemistry

Blood Platelets - Collagen, Serotonin, ADP, Catch

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1. 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.

2. This file contains articles re: Dr. Olewine's own research on jogging.

3. This file contains information on a study of heart disease performed in Evans County in 1965-1966.

4. This file and the two following it contain information re: a survey on the use of taped lectures done by Dr. Olewine.

5. As well as articles, this file contains information on a study by John A. Rodiguez-Zeo, a GSC student. Dr. Olewine was his faculty sponsor.

6. 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).

7. This file and the two following it contain information on research done by Dr. Olewine and his colleagues.
8. The seven folders following this one were originally inside this folder.