

Lesson and Experiment List

JULY 2019



Getting Started with LabStation

- Administration
- Authoring
- Lab
- Pre-Lab
- Student Starter

Animal Physiology

- Animal Metabolism
- Cockroach Sensory Nerve
- Cockroach Ventral Nerve Cord
- Earthworm Action Potentials
- Earthworm Smooth Muscle
- Frog Heart
- Frog Nerve
- Frog Neuromuscular Junction
- Frog Skeletal Muscle
- Gin Trap Closure Reflex
- Intracellular Action Potentials

Exercise Physiology

- Aerobic Fitness Testing
- Anaerobic Fitness Testing
- Cardiorespiratory Effects of Exercise
- Cardiovascular Effects of Exercise
- Energy Expenditure and Exercise
- Energy Metabolism
- Introduction to Fitness Testing

Human Physiology

- Airflow
- Autonomic Nervous System (ANS)
- Blood Clotting
- Blood Counting
- Blood Pressure
- Body Temperature
- Breathing
- Cardiorespiratory Effects of Exercise
- Cardiovascular Effects of Exercise
- Diving Response
- Electroencephalography (EEG)
- Electro-oculography (EOG)
- Energy Expenditure & Exercise
- Glucose Absorption
- Heart & ECG
- Heart & Peripheral Circulation
- Heart Sounds
- Kidney & Urine
- Lung Volumes
- Mechanics of Ventilation
- Muscle & EMG
- Peripheral Nerve Function
- Reflexes and Reaction Times
- Sensory Illusions
- Sensory Physiology
- Skeletal Muscle Function
- Spinal Reflexes
- Stroop Test
- Water Balance





Biology

Acid-Base Titration
Biological Membranes
Introduction to Spectrophotometry
Photosynthesis - CO₂ Fixation
Photosynthesis - O₂ Production
Temperature effects on Enzymes

Neuroscience

Autonomic Nervous System
Biofeedback
Cockroach Sensory Nerve
Cockroach Ventral Nerve Cord
Diving Response
Earthworm Action Potential
Electrodermal Response (EDR)
EDR & Classical Conditioning
Electrooculography (EOG)
Frog Nerve
Frog Neuromuscular Junction
Intracellular Action Potentials
Muscle & EMG
Peripheral Nerve Function
Sensory Illusions
Sensory Physiology
Size-Weight Illusion
Skeletal Muscle Function
Spinal Reflexes
Stroop Test
Visual Evoked Potentials

Pharmacology

Airways Resistance
Chick Biventer Cervicis
Mammalian Atria
Mammalian Diaphragm
Mammalian Heart
Mammalian Jejunum
Mammalian Uterus
Stimulated Ileum
Stimulated Rat Vas Deferens
Toad Rectus Abdominis
Unstimulated Ileum
Unstimulated Ras Vas Deferens
Vascular Resistance
Vascular Smooth Muscle

Psychophysiology

Biofeedback
Diving Response
Electrodermal Response (EDR)
EDR and Classical Conditioning
Electroencephalography (EEG)
Electrooculography (EOG)
Introduction to Psychophysiology
Muscle and EMG
Reflexes and Reaction Times
Sensory Illusions
Sensory Physiology
Size-Weight Illusions
Visual Evoked Potentials

