

Final culminating experiences conducted by our graduate students in collaboration with faculty

- Effect of carbohydrate mouth rinse on high intensity multiple sprint performance
- Cardiorespiratory responses to head out water immersion, high intensity interval exercise.
- Physiological responses to self-selected submaximal and maximal shallow water exercise efforts.
- Neuromechanics in female runners with and without a history of iliotibial band syndrome during a prolonged run
- Rear-foot biomechanics during running using HOKA versus “neutral” new balance running shoes
- Muscular activity in collegiate football linemen with and without a prefabricated functional knee brace.
- Temporal aspects of sway and balance in younger and older populations
- Overuse lower leg injuries in athletes
- Impact of dynamic versus static warmup on explosive power production
- Accelerometer derived activity counts and oxygen consumption between young and elderly individuals.
- The effects of exercise on symptoms of restless leg syndrome
- The acute effect of caffeine consumption on resting metabolic rate.
- Comparison of post-exercise chocolate milk and a commercial recovery beverage consumption between endurance cycling workouts on recovery and performance
- Delayed onset muscular soreness induction using a modified step test
- The effect of yoga training on fall risk factors in older adults
- The effects of orthotics on comfort and performance among male collegiate rugby players
- Validation of the Borg 15 point RPE scale for tetraplegic athletes
- Validation of the progressive aerobic endurance run (PACER) test for children 7-13 years old.
- Age-related performance decrements in elite age-group triathletes
- The effects of aging on swimming and running performance.
- Circumference measures reflect weight and adipose loss in obese patient following a 12-week behavior management program.

- Exercise dose required to enhance quality of life in cancer survivors.
- Physiologic responses to sustained high intensity exercise in collegiate distance runners.
- Swimming performance and velocity at OBLA are linked to propelling efficiency.
- The effect of the use of different anticoagulants in test tubes in the determination of lactate threshold.
- Physiological responses to running, cycling, and water exercise.
- The effects of exercise intervention on recovery from cancer therapy.
- Effects of visual orientation on running economy.
- Validity and reliability of new indirect calorimeter and its associated telemetry systems: the Aerosport KB1-C.
- Creatine monohydrate and swimming performance..
- Cardiovascular & metabolic demands of shallow water exercise.
- Eating attitudes, feelings, and behaviors of collegiate female athletes during competitive and noncompetitive seasons.
- Propelling efficiency in freestyle swimming.
- The Effect of Glycerol Augmented Overhydration on prolonged, varied intensity cycle ergometry.
- Effect of exercise on acute mountain sickness and cognitive function in women taking oral contraceptives.
- Anthropometric, physiological and fitness characteristics of young Japanese males: a comparison with young American males.