

NEACSM Fall 2018
Student Investigator Award Presentations

Thursday, November 8th, 2018

Bachelor's Degree Finalists – Room 553

Moderators: Sarah Witkowski, Smith College & Brittany Mastellar, University of Massachusetts, Amherst

Time	Name		University	Presentation Title
9:40-9:55	Gesel,	Francis	University of New Hampshire	EFFECT OF STATIC AND BALLISTIC STRETCHING ON MUSCLE-TENDON UNIT STIFFNESS, WORK ABSORPTION, STRENGTH, AND POWER
9:55-10:10	Hale,	Margaret	University of Massachusetts, Boston	EFFECT OF ROUX-EN-Y GASTRIC BYPASS SURGERY ON FGF21 IN SKELETAL MUSCLE IN SEVERELY OBESE INDIVIDUALS
10:10-10:25	Young,	Teigue	University of New Hampshire	MEASUREMENTS OF MUSCLE THICKNESS BY ULTRASOUND IMAGING FOLLOWING BLOOD FLOW RESTRICTED EXERCISE
10:25-10:40	Messina,	Gabriella	Sacred Heart University	LISTENING TO MUSIC WHILE EXERCISING INCREASES RISK FOR THE NOISE-INDUCED HEARING LOSS

Thursday, November 8th, 2018

Master's Degree Finalists – Room 551

Moderators: Anthony D'Amico, Salem State

Time	Name		University	Presentation Title
9:40-9:55	Bohling,	Zachary	Central Connecticut State University	PELVIC AND CORE STRENGTH TRAINING IMPROVES PELVIC POSTURE, HAMSTRINGS-TO-QUADRICEPS RATIO, AND VERTICAL JUMP PERFORMANCE
9:55-10:10	Daniels,	Rebecca	University of Delaware	PROLONGED DURATION OF KNEE EXTENSOR ACTIVITY DURING CYCLING IN PARKINSON'S DISEASE
10:10-10:25	Foster,	Aurora	University of Massachusetts, Amherst	SKELETAL MUSCLE FATIGUE: MECHANISMS AND MITIGATION AT THE CELLULAR AND MOLECULAR LEVELS IN OLDER ADULTS
10:25-10:40	Petrucci,	Greg	University of Massachusetts, Amherst	ESTIMATING FREE-LIVING PHYSICAL ACTIVITY USING A WRIST-WORN ACTIGRAPH ACCELEROMETER: CAN IT BE DONE?

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Doctoral Degree Finalists – Rotunda

Moderators: Matthew Orange, Central Connecticut State University

Time	Name		University	Presentation Title
9:40-9:55	Cox,	Melanna	University of Massachusetts, Amherst	CONTRIBUTIONS TO FREE-LIVING ACCELEROMETER CALIBRATION: A NOVEL DIRECT OBSERVATION SYSTEM
9:55-10:10	Renodin,	Christina	University of New England	THREE-DIMENSIONAL MULTIPLE OBJECT TRACKING'S ROLE IN INJURY INCIDENCE REDUCTION IN COLLEGIATE ATHLETICS
10:10-10:25	St Laurent,	Christine	University of Massachusetts, Amherst	EFFICACY OF A RECESS-BASED INTERVENTION ON ACADEMIC AND HEALTH OUTCOMES IN ELEMENTARY SCHOOL CHILDREN
10:25-10:40	Woodward,	Mike	University of Massachusetts, Amherst	MECHANISMS THROUGH WHICH AGENTS OF MUSCLE FATIGUE, ACIDOSIS AND PHOSPHATE, INHIBIT MUSCLE MYOSIN FUNCTION