

| Faculty | Project titles | Faculty | With Student | Past | Current |
|-------------------|--|---------|--------------|------|---------|
| Dr. Kara Gange | A Survey of Therapeutic Ultrasound Brands used in the Clinical Setting | X | | | X |
| | Critically Appraised Topic: Is Diagnostic Ultrasound a Reliable Instrument to Measure Acromiohumeral Distance in Shoulders? | X | | | X |
| | Acromiohumeral Distance Patterns throughout Glenohumeral Abduction Measured by Musculoskeletal Ultrasound in Healthy Shoulders | X | | | X |
| | The Effects of Kinesio Taping Methods® on the Subacromial Space at Glenohumeral Abduction of 30, 60, 90, and 120 Degrees | X | | | X |
| | The Effects of Kinesio Taping Methods® on the Subacromial Space | X | | X | |
| | The Dynatron Solaris® Ultrasound Machine Heat Slower than Textbook Recommendations at 3 MHz, 1.0 W/cm ² | X | | X | |
| | The Rate of Tissue Temperature change with 3 MHz, 1.2 W/cm ² at the depths of 1.0, 1.75, and 2.5 cm with the Dynatron Solaris Ultrasound. | X | | X | |
| | Ultrasound Enhanced Matrix Metalloproteinase-9 Triggered Release of Contents from Echogenic Liposomes. | X | | X | |
| | Polymer-Coated Echogenic Lipid Nanoparticles with Dual release Triggers. | X | | X | |
| | Multifunctional Polymersomes for Cytosolic Delivery of Gemcitabine and Doxorubicin to Cancer Cells. | X | | X | |
| | Measuring Brachial Artery Blood Flow Following a 3 MHz, 1.0 W/cm ² Thermal Therapeutic Ultrasound Treatment | | X | X | |
| | Therapeutic Ultrasound: The Effectiveness of Ultrasound and the Importance of Parameter Settings. | | X | X | |
| | Posterior Proximal Tibiofibular Joint Dislocation in a Young Gymnast: A Case report. | | X | X | |
| | The Effect of 2 MHz Ultrasound on Intramuscular Temperature at 1.5, 2.5, and 3cm Depths. | | X | X | |
| | Ice and Elastic Wrap and Game Ready® in Decreasing Quadriceps Temperature. | | X | X | |
| | The Graston Technique® Increases Hamstring Flexibility. | | X | X | |
| | The Effects of Space Correction Kinesio Taping Method® on the Patellofemoral Joint Measured by Diagnostic Ultrasound | | X | X | |
| | The Effects of the Dynatronics ThermoStim with heat on athletic injuries. | | X | X | |
| | Tissue Temperature Increase Using Immersion Therapeutic Ultrasound at 3 MHz, 7 Minutes, 1.5 cm Depth with Varying Intensities of 1.0 W/cm ² and 2.0 W/cm ² . | | X | X | |
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| | The Consistency of Heating Through the Rebound Diathermy Thigh Sleeve. | | X | X | |
| | The Effects of Graston Technique® Treatment Times on Sprint Performance in Collegiate Wrestlers. | | X | X | |
| | Wetted Ice Bags: Does the Temperature of the Water Added to the Ice Bag Really Matter? | | X | X | |
| | Measuring Brachial Artery Blood Flow Following a 3 MHz, 1.0 W/cm ² Thermal Therapeutic Ultrasound Treatment. | | X | X | |
| | Comparison of Ulnohumeral Joint Space, Ulnar Collateral Ligament Width, and Abnormality in Collegiate Baseball Players Using Musculoskeletal Ultrasound. | | X | X | |
| | | | | | |
| Dr. Shannon David | Development of the Patient-AT Trust Instrument | X | | | X |
| | Understanding of Empathy in Athletic Training | X | | X | |
| | Using a Focus Group to Interpret IRT Results and Inform Survey Revisions: A Demonstration | X | | X | |
| | Mixed Methods Item Response Theory: Developing an Instrument to Measure Trust | X | | X | |
| | Athletic Training Students' Perceptions of Electronic Textbooks and Computer use in the Classroom | X | | X | |
| | Validation of the MAPS System as a Functional Outcome Measure Following ACL Reconstruction Surgery | X | X | | |
| | Validation of the Ottawa Ankle Rules for Acute Foot and Ankle Injuries | X | X | X | |
| | Prevention, Diagnosis, and Treatment of Common Recess Injuries | X | | X | |
| | Recess and Physical Activity | X | | | X |
| | Motivation and Performance on the Army Physical Fitness Test | | X | X | |
| | Does Gender Influence The Patient-Clinician Relationship? | | X | | X |
| | Does AT Personality Influence the Patient-Clinician Relationship? | | X | | X |
| | The Perception of Trust Between Athletic Trainers and Musical Performing Artists | | X | | X |
| | Evaluation of Common Patient-Reported Outcome Measures in Muscial Performing Artists | | X | X | X |
| | A Rare Case of Lemierre's Syndrome in a Male Division I Collegiate Football Player | | X | X | |
| | Division I Football Player With Conservative Treatment of Acute Appendicitis | | X | X | |
| Dr. Katie Lyman | Electromyography Analysis of Shoulder Muscle Activity During Two Volleyball Spike Mechanics | X | | X | |
| | The Effects of the Cool Shirt® on Core Temperature | | X | X | |
| | The Effect of Soccer Match-Induced Fatigue on the Standardized Assessment of Concussion (SAC) Score | | X | X | |
| | The Effects of Cold Immersion Therapy on Blood Cortisol | | X | X | |
| | Kinesio Taping® as a Low-Cost Intervention to Assist with Quadriceps Muscle Recruitment During Exercise Countermeasures | X | | | X |
| | The Relationship of Affective Domains and Cognitive Performance in Paramedic Students | X | | | X |
| | A Review of Current Treatment Approaches Used By Athletic Trainers for Medial Tibial Stress Syndrome | | X | | X |
| | The Effects of Space Correction Kinesio Taping Method® on the Patellofemoral Joint Measured by Diagnostic Ultrasound | | X | | X |
| | Effects of Caffeine on Neurocognitive Function | | X | | X |
| | The Relationship of Static and Dynamic Hip Strength on Running Related Injury Rates in Recreational Runners | | X | | X |
| | The Effects of Kinesio Taping Methods® on the Subacromial Space | X | | X | |
| | The Effects of Kinesio Taping Methods® on the Subacromial Space at Glenohumeral Abduction of 30, 60, 90, and 120 Degrees | X | | | X |
| | The Effects of a Kinesio Tape® Application on Intramuscular Tissue Temperature Change During a 20-Minute Cryotherapy Application | | X | | X |
| | Gender Differences in Lower Extremity Running Mechanics Throughout Various Stages of a 5K Run | | X | | X |

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| The Effects of Kinesio Tape® on Forward Shoulder Posture as Observed and Quantified with Diagnostic Ultrasound | | X | | X |
| Comparison of Psychomotor CPR Compressions Between Students Enrolled in Allied Health Care and non-Allied Health Care Curricula | X | | | X |
| First Aid/CPR Knowledge and Confidence Levels of High School Coaches | X | | | X |
| Surface Electromyography Analysis of Paraspinal Musculature when Facilitated with Kinesio® Tape During Exercise Countermeasures | X | | | X |