



Grant Recipient Listing

**429 Grants Awarded through June 2026
Totaling \$5,785,285.89**

2026 Grants (13 Grants totaling \$132,293)

Susan Yeargin, PhD, ATC

University of South Carolina

"The SCOPE Study: Advancing Detection of Exertional Sickling Through NIRS-Measured Muscle Oxygenation and Painimation"

\$36,995

Professional Research Grant: General

Funded by: NATA Foundation

Jennifer Xu, PhD, ATC, CSCS

University of Kentucky

"Textured Insoles to REstore Sensorimotor Function in Patients with Plantar Fasciopathy"

\$19,998

Professional Research Grant: New Investigator

Funded by: The Ted Quendenfeld Endowment – Established by Stephen E. Bair

Julie Cavallario, PhD, ATC

Old Dominion University

"Enhancing Salary Negotiation Preparedness Among Athletic Training Students: A Randomized Controlled Trial of Educational Interventions"

\$19,800

Professional Research Grant: Athletic Training Education & Practice

Funded by: The Ted Quendenfeld Endowment – Established by Stephen E. Bair

Susan Yeargin, PhD, ATC

University of South Carolina

"SAFE-FIT: A Standardized and Validated Assessment Tool of Football Equipment Fit to Improve Helmet Safety in Youth"

\$20,000

Professional Research Grant: Football Health & Safety

Funded by: PFATS Foundation

Abigail Bretzin, PhD, ATC

University of Michigan

"Adoption of the Guardian Cap across Division I Collegiate Football Programs: Identifying Motivations for Use and Concussion Prevention Effectiveness"

\$20,000

Professional Research Grant: Football Health & Safety

Funded by: NATA Foundation and The Ted Quedenfeld Endowment – Established by Stephen E. Bair

Taia MacEachern

University of Alabama – Tuscaloosa

"Using a Multifaceted Approach to Understand Concussion Health in Athletes"

\$2,500

Student Research Grant Program: Doctoral

Funded by: The Abdenour Family Research Grant

Amara Sharp

University of Kentucky

"Ankle Joint Dysfunction in Aging Adults with Hip Osteoarthritis"

\$2,500

Student Research Grant Program: Doctoral

Funded by: Darren L. Johnson Doctoral Research Endowment

Jessica Vlisides

University of Wisconsin – Madison

"Identifying Early Imaging Markers of Fatigue-Related UCL Compromise Using Quantitative Ultrasound During Cyclic Loading"

\$2,500

Student Research Grant Program: Doctoral

Funded by: James R. Andrews MD Research Endowment

Sarah Woelfel

University of Nebraska – Omaha

"Structure–Function Relationships in Chronic Ankle Instability: An Evaluation of Anterior Talofibular Ligament Characteristics Across Subgroups"

\$2,500

Student Research Grant Program: Doctoral

Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Takhyun Yoo

University of Connecticut

"Corticospinal and Intracortical Excitability of the Gluteus Maximus in Patellofemoral Pain Compared to Healthy Controls and Its Association with Lower Extremity Biomechanics during a Functional Task"

\$2,500

Student Research Grant Program: Doctoral

Funded by: Malacrea Research Endowment

Katie Braid

University of Maine

"Evaluation of a Hydration Strategy to Improve Fluid Consumption during Marching Band Performances"

\$1,000

Student Research Grant Program: Masters

Funded by: Women in Athletic Training Research Endowment

Mackenzie Schalk

University of Nebraska Omaha

"Preseason Clinical and Biomechanical Screening Profiles in Baseball Players with and Without Shoulder Pathologies"

\$1,000

Student Research Grant Program: Masters

Funded by: Malacrea Research Endowment

Ikheon Song

University of Nebraska Omaha

"Gait Parameters During Unconstrained Walking in Individuals with Chronic Ankle Instability"

\$1,000

Funded by: Ted Quedenfeld Research Endowment

2025 Grants (16 Grants totaling \$110,146)

Caroline Lisee, PhD, ATC

University of Georgia

"To Load or Unload, That is the Question: Linking Daytime Sitting/Lying Knee Unloading Behaviors and Knee Joint Health Post-ACLR"

\$49,824

Professional Research Grant Program: General

Kevin Biese, PhD, ATC, LAT

University of Wisconsin Oshkosh

"Modeling the Impact of Youth Sport Specialization on Youth Athlete Health throughout the Year"

\$19,861

Professional Research Grant Program: New Investigator

Funded by: The Ted Quedenfeld Endowment Established by Stephen E. Bair

Shawn Hanlon, PhD, ATC, CSCS

CSU Fullerton

"Exercise Therapy and Physical Activity Modification for Patients with Sever's Disease: A Randomized Controlled Trial"

\$19,961

Professional Research Grant Program: New Investigator

Funded by: The Ted Quedenfeld Endowment Established by Stephen E. Bair

Vanessa Gruskiewicz

Old Dominion University

"The Effects of Concussion, Ankle Sprain, and Cognitive Load on Postural Stability"

\$2,500

Student Research Grant Program: Doctoral

Funded by: The Abdenour Family Research Grant

Minsub Oh

Brigham Young University

"Effects of 4 weeks of Transcutaneous Electrical Nerve Stimulation on Muscle Activation and Visual Reliance during Postural Control in Patients with Chronic Ankle Instability."

\$2,500

Student Research Grant Program: Doctoral

Funded by: Joe Gieck Challenge Doctoral Research Endowment

Ava Schwartz

University of Central Florida

"Advanced Quantification of Quadriceps Force Control and Underlying Physiology in Individuals with ACL Reconstruction"

\$2,500

Student Research Grant Program: Doctoral

Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Emily Srygler

University of Wisconsin – Madison

"Youth Sport Safety: Assessing Parental Awareness and Feasibility of Current Safe Sport Participation Recommendations"

\$2,500

Student Research Grant Program: Doctoral

Funded by: GLATA Thomas Weidner Doctoral Research Endowment

Madison Swails

University of North Carolina at Charlotte

"Biomechanical gait profile and tissue characteristics following a real-world walking event in individuals with and without chronic ankle instability"

\$2,500

Student Research Grant Program: Doctoral

Funded by: Darren L. Johnson MD Doctoral Research Grant Endowment

Amanda Ervin

University of South Carolina

"An Evaluation of Mental Health Outcomes in Collegiate Club Sport Athletes"

\$1,000

Student Research Grant Program: Masters

Funded by: Louis R. Osternig, PhD, Research Endowment

Lauren Fisher

University of North Carolina at Chapel Hill

"Using Graded Exposure to Reduce Movement Fear & Improve Sensorimotor Function in those with Chronic Ankle Instability"

\$1,000

Student Research Grant Program: Masters

Funded by: Ted Quedenfeld Research Endowment

Akiko Hashimoto

University of Nebraska Omaha

"Comparing Shoulder Strength Measurements from HHD and Isokinetic Dynamometer in Collegiate Baseball Pitchers"

\$1,000

Student Research Grant Program: Masters

Funded by: The Richard F. Malacrea Research

Lucy McCann

The University of South Carolina – Arnold School of Public Health

"Thermoregulatory Differences Among Premenopausal Females Runners Using and Not Using Hormonal Contraception"

\$1,000

Student Research Grant Program: Masters

Funded by: Women in Athletic Training Research Endowment

Corinne Mundy

Moravian University

"Artificial Intelligence Use, Attitudes, and Perceptions Among Athletic Training Educators and Students"

\$1,000

Student Research Grant Program: Masters

Funded by: The District 2 Research Endowment

Kenjiro Shibuya

University of Nebraska at Omaha

"The Relationship Between the Angle of Humeral Retroversion and Shoulder Distraction Force and Elbow Valgus Torque in the Baseball Pitching Motion"

\$1,000

Student Research Grant Program: Masters

Funded by: The Richard F. Malacrea Research

Jordan Thomas

University of Miami

"Preliminary Validation of the 10-M Protocol for the Dynamic Exertion Test (EXiT) Among Healthy Male and Female Adults"

\$1,000

Student Research Grant Program: Masters

Funded by: District 9 MaryBeth Horodyski, EdD, LAT, ATC, FNATA Master's Research Endowment

Tina Xie

University of South Carolina

"Exploring Prompts on NCAA Student-Athlete Preparticipation Physical Evaluations and Health History Forms"

\$1,000

Student Research Grant Program: Masters

Funded by: District 3 Masters Research Grant Endowment

2024 Grants (12 Grants totaling \$85,782)

Alicia Montalvo, PhD, MPH, ATC

Arizona State University

"Current and predicted impacts of extreme heat events on risk of exertional heat illnesses in high school athletes"

\$49,924

Professional Research Grant Program: General

Allyssa Memmini, PhD, LAT, ATC

University of New Mexico

"Evaluating Perceptions of Post-Concussion Return-to-Learn Management among Hispanic Collegiate Student-Athletes"

\$20,000

Professional Research Grant Program: New Investigator

Funded by: The Ted Quedenfeld Endowment Established by Stephen E. Bair

Caitlin Brinkman
The University of North Carolina at Chapel Hill
"Characterizing Sleep, Kinesiophobia, and Reinjury Anxiety after ACL Reconstruction"
\$2,409
Student Research Grant Program: Doctoral
Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Aleiza Higgins
The University of North Carolina Greensboro
"Attentional Considerations Regarding the Relationship Between Concussion and Subsequent Musculoskeletal Injury"
\$2,472
Student Research Grant Program: Doctoral
Funded by: Cantu-Guskiewicz Research Endowment for Sport Concussion

Cecilia Kaufman
University of Connecticut, Korey Stringer Institute
"Perception of Employers Regarding Athletic Trainers within the Occupational Setting"
\$2,477
Student Research Grant Program: Doctoral
Funded by: Darren L. Johnson, MD Doctoral Research Fellowship Endowment

Elaine Reiche
The University of North Carolina at Chapel Hill
"Biopsychosocial Assessments of Kinesiophobia and Functional Outcomes Post-ACL Reconstruction"
\$2,500
Student Research Grant Program: Doctoral
Funded by: The Abdenour Family Research Grant

Claire Akard
The Rector and Visitors of the University of Virginia
"The Role of Baseline Vestibular Ocular Motor Performance as a Predictor of Prolonged Recovery After Concussion in Collegiate Athletes"
\$1,000
Student Research Grant Program: Masters
Funded by: District 3 Masters Research Grant Endowment

Kimberly Henze
University of Arkansas
"Morning and afternoon WUT hydration status assessments as an indication of overall hydration status"
\$1,000
Student Research Grant Program: Masters
Funded by: Women in Athletic Training Research Endowment

Kaitlyn Okin
University of Lynchburg
"The 'Why' Behind the Secondary School Athletic Trainer: Experiences with the Social Determinants of Health Project Proposal"
\$1,000
Student Research Grant Program: Masters
Funded by: Malacrea Research Endowment

Annaliese Andersen
San Diego State University Research Foundation
"Factors Impacting Collegiate Athletic Trainer's Job Satisfaction: A Qualitative Study"
\$1,000
Student Research Grant Program: Masters
Funded by: Mountain West Conference AT Research Endowment

Jiho Kang
University of Nebraska at Omaha
"Neurocognitive and Balance Measures in Chronic Ankle Instability: A Novel Approach Using Time between time to boundary and EEG"
\$1,000
Student Research Grant Program: Masters
Funded by: Malacrea Research Endowment

Kyeongjun Seok
University of Nebraska at Omaha
"The Relationship Between Ulnar Collateral Ligament Laxity and Muscle Activation of Elbow Musculature in Baseball Pitchers"
\$1,000
Student Research Grant Program: Masters
Funded by: Ted Quedenfeld Research Endowment

2023 Grants (10 Grants totaling \$139,497.72)

Shelby Baez, PhD, ATC
University of North Carolina at Chapel Hill
"The GEMM Trial: Graded Exposure and Mindfulness Meditation for Patients Post-ACL Reconstruction"
\$52,055
Professional Research Grant Program: General

Steven Westereng, PhD, LAT, ATC & Erin Haugen, PhD, LP, CMPC
University of North Dakota
"Ready, Set, Return: Improving Psychological Readiness for Return to Sport Post-Injury"
\$53,519.72
Professional Research Grant Program: General

Landon Lempke, PhD, ATC
University of Michigan
"Diagnostic Utility of a Functional, Dual-Task Assessment After Concussion: The Standardized Assessment of Reaction Time (StART)"
\$20,923
Professional Research Grant Program: New Investigator

Dimitrios Athanasiadis
Oregon State University
"Comparison of static foot morphology tests and the influences of morphology and mechanical demand on the dynamic behavior of the transverse arch"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Darren L. Johnson Postdoctoral Research Fellowship

Brittany Ingram
The University of North Carolina at Chapel Hill
"The Impact of Social Determinants of Health on Sport Related Concussion in Emerging Adults"
\$2,500
Student Research Grant Program: Doctoral
Funded by: The Abdenour Family Research Grant

Eric Shumski
University of Georgia
"Varying Cognitive and Motor Task Demands During Gait, Jumping, and Cutting Among Individuals With and Without a Concussion History"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Cantu/ Guskiewicz Research Award Endowment for Sport

Molly Taylor
University of Kentucky
"An Emotional Intelligence Educational Intervention to Reduce Burnout in Healthcare Profession Students: A Pilot Study"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Joe Gieck Challenge Doctoral Research Endowment

Sara Escobar
University of Lynchburg
"Impact Mitigation Properties of Youth and Adult Ice Hockey Helmets"
\$1,000
Student Research Grant Program: Masters
Funded by: District 3 Masters Research Grant Endowment

Maegan Milliet, SCAT, LAT, ATC
University of South Carolina
"Interviews of Athletic Trainers' Following the Death of a Student-Athlete by Suicide"
\$1,000
Student Research Grant Program: Masters
Funded by: Osternig Research Endowment

Kayla Staquet, ATC
University of Connecticut
"An examination of compassion fatigue and burnout among athletic trainers employed in sports organizations"
\$1,000
Student Research Grant Program: Masters
Funded by: Women in Athletic Training Research Endowment

2022 Grants (17 Grants totaling \$145,752)

David Bazett-Jones, PhD, ATC, CSCS
University of Toledo
"The Influence of Training Loads on Running-Related Injuries in High School Cross-Country Runners: A Prospective Study"
\$56,526

Professional Research Grant Program: General

Laurie Devaney, PhD, ATC, PT

University of Connecticut

"Pre-season Neck Mobility and Risk of Shoulder and Elbow Injury in College Baseball Pitchers"

\$23,001

Professional Research Grant Program: New Investigator

Matt Harkey, PhD, ATC

Michigan State University

"Clinically Accessible Strategy for Monitoring Effusion-Synovitis and Walking Biomechanics to Predict Early Osteoarthritis Symptoms

Following ACL Reconstruction"

\$22,999

Professional Research Grant Program: New Investigator

Michelle Weber Rawlins, PhD, ATC

San Diego State University Foundation

"The Influence of Social Determinants of Health on Concussion Care Seeking Behaviors in Historically Underrepresented Ethnic and

Racial Groups"

\$22,996

Professional Research Grant Program: New Investigator

Oliver A Silversen, MS, ATC

Regents of the University of Minnesota

"Effects of exposure to strenuous shoulder activity on glenohumeral and scapulothoracic kinematics in competitive swimmers with glenohumeral instability"

\$2,499.92

Student Research Grant Program: Doctoral

Funded by: GLATA Thomas Weidner Doctoral Research Endowment

Collin Peterson, MAT, ATC

Oregon State University

"Economic Evaluation of High School Athletic Training Services in the United States: Analysis of Nationwide Healthcare Database"

\$2,500

Student Research Grant Program: Doctoral

Funded by: Joe Gieck Challenge Doctoral Research Endowment

Hannah Stedge, MS, LAT, ATC

Rocky Mountain University of Health Professions

"The effects of high-fidelity simulation versus low-fidelity simulation on athletic training student self-confidence when performing rectal thermometry: A mixed-methods study."

\$2,500

Student Research Grant Program: Doctoral

Funded by: The Abdenour Family Research Grant

Lauren Sheldon, MS, LAT, ATC
University of Connecticut
"Preventive Training Programs in Secondary Schools"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Ted Quedenfeld Research Endowment

Justin Rush, MS, ATC
The University of Toledo
"Neurocognitive Performance and Dual-Task Cost After Anterior Cruciate Ligament Reconstruction"
\$2,500
Student Research Grant Program: Doctoral
Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant Endowment

Brandon Wood
Brigham Young University
"Effects of neuromuscular training with external visual feedback on movement patterns in individuals with chronic ankle instability."
\$1,000
Student Research Grant Program: Masters
Funded by: Osternig Research Endowment

Kaitlynn Moll
University of South Carolina
"Implementation of a Focused History Script for the Social Determinants of Health to Facilitate Conversations with Secondary School Patients"
\$1,000
Student Research Grant Program: Masters
Funded by: District 3 Masters Research Grant Endowment

Minsub Oh
Brigham Young University
"Effects of Pain in Static and Dynamic Postural Control Between Chronic Ankle Instability With and Without Pain"
\$1,000
Student Research Grant Program: Masters
Funded by: James R. Andrews MD Research Endowment

Jasmin DeBerry
James Madison University
"Minority Student's Perception of Athletic Training Programs' Recruitment and Retention Strategies"
\$1,000
Student Research Grant Program: Masters
Funded by: Women in Athletic Training Research Endowment

Sara Binkley
University of South Carolina
"Yoga Practices on Improving Balance, Performance, and Anxiety in Collegiate Athletes"
\$1,000
Student Research Grant Program: Masters
Funded by: Malacrea Research Endowment

Corinne Carbone

University of South Carolina

"Who serves those who serve? The availability of athletic trainers to ROTC programs across the United States"

\$1,000

Student Research Grant Program: Masters

Funded by: Malacrea Research Endowment

Danielle Gochenour

University of Nebraska at Omaha

"The Relationship Between Hamstring Tightness and Pelvis Movement in College Softball Pitchers"

\$1,000

Student Research Grant Program: Masters

Funded by: Malacrea Research Endowment

Takhyun Yoo

University of Nebraska at Omaha

"Correlation between Center of Pressure Deviation and Proprioception Performance in those with Chronic Ankle Instability"

\$1,000

Student Research Grant Program: Masters

Funded by: Malacrea Research Endowment

2021 Grants (10 Grants totaling \$125,703)

Alan Needle, Ph.D., LAT, ATC, CSCS

Appalachian State University

"How to TRAIN Pathways: Targeted Rehabilitation of Ankle Instability through Neurological Pathways"

\$57,349

Professional Research Grant Program: General

Sara Nottingham, EdD, LAT, ATC

University of New Mexico

"Evaluating the Effectiveness of a Personalized Educational Intervention to Improve Athletic Trainers' Knowledge of Clinical Documentation"

\$28,464

Professional Research Grant Program: General

Brett Pexa, PhD, ATC, LAT

High Point University

"Validation and Compliance of Daily Self-Reported Athlete Health Variables in Collegiate Student-Athletes"

\$22,990

Professional Research Grant Program: New Investigator

Karlee Burns, MS, LAT, ATC

Temple University

"Concussion, Migraine, and the Athletic Trainer"

\$2,500

Student Research Grant Program: Doctoral

Funded by: District 2 Research Endowment

Sunghoon Chung, ATC
Old Dominion University
"Effects of A Single-Session Balance Training on Spinal Reflexive Excitability Modulation and Corticospinal Excitability in Individuals with Chronic Ankle Instability"
\$2,500
Student Research Grant Program: Doctoral
Funded by: The Abdenour Family Research Grant

Derek Dewig, MA, ATC
University of North Carolina at Chapel Hill
"Effects of Whole Body Vibration on Quadriceps Function, Landing Biomechanics, and Performance in Individuals with ACL Reconstruction"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Malacrea Research Endowment

Seunguk Han
Brigham Young University
"Effects of anticipation on movement strategies in patients with chronic ankle instability"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Ted Quedenfeld Research Endowment

Mayrena Hernandez, MPH, LAT, ATC
The University of Wisconsin-Madison
"Secondary Athletic Trainers' Clinical Management Decisions toward Low Socioeconomic Status Student Athletes"
\$2,500
Student Research Grant Program: Doctoral
Funded by: GLATA Thomas Weidner Doctoral Research Endowment

Aliza Nedimyer, MA, LAT, ATC
The University of North Carolina at Chapel Hill
"Information Seeking in Athletic Trainers Related to Exertional Heat Illness"
\$2,500
Student Research Grant Program: Doctoral
Funded by: Darren L. Johnson Postdoctoral Research Fellowship

Jennifer Tinsley, MS, LAT
University of Kentucky Research Foundation
"Resilience and Professional Quality of Life in Firefighters"
\$1,900
Student Research Grant Program: Doctoral
Funded by: James R. Andrews MD Research Endowment

2020 Grants (16 Grants totaling \$186,561)

Erik Wikstrom, PhD
University of North Carolina at Chapel Hill
"Advancing the Management and Assessment of Talar Cartilage Health (MATCH) to Mitigate PTOA

Development”

\$57,500

Professional Research Grant Program: General

Kyle Kosik, PhD, ATC

University of Kentucky Research Foundation

“Physical Rehabilitation Through Telehealth for an Ankle Sprain: A Randomized Controlled Trial”

\$56,091

Professional Research Grant Program: General

Anne Beethe, PhD, ATC, CSCS

Utah State University

“Deafferentation Musculoskeletal Injury Alters Cortical Motor Output and Risk of Re-Injury”

\$23,000

Professional Research Grant Program: New Investigator

Julie Cavallario, PhD, ATC

Old Dominion University

“Comparison of Immersive and Non-Immersive Clinical Experience Characteristics”

\$28,748

Professional Research Grant Program: Education

Joshua Honrado, MS, ATC

Harkness Center for Dance Injuries at NYU Langone Health

“Use of the Risky, Impulsive, and Self-Destructive Behavior Questionnaire (RISQ) to Compare Harmful Behaviors in Dancers”

\$5,000

Professional Research Grant Program: LGBTQ+

Alexandra DeJong, PhD, ATC

University of Virginia

“In-field gait training for runners with exercise-related lower leg pain”

\$2,500

Doctoral Research Grant Program

Funded by: The Abdenour Family Research Grant

Landon Lempke, MEd, LAT, ATC

University of Georgia

“Identifying somatosensory and neuromuscular deficits throughout concussion recovery”

\$2,470

Doctoral Research Grant Program

Funded by: Cantu/ Guskiewicz Research Award Endowment for Sport

Seunguk Han

Brigham Young University

“Effects of unanticipated ankle inversion perturbation on landing strategies among groups of CAI, copers and control.”

\$2,500

Doctoral Research Grant Program

Funded by: James R. Andrews MD Research Endowment

Colin Mulligan, MA, ATC
Oregon State University

"The influence of anticipation on penultimate and final step biomechanics during a 90-degree cutting maneuver"

\$2,500

Doctoral Research Grant Program

Funded by: Joe Gieck Challenge Doctoral Research Endowment

Allyn Abadie, MA, LAT, ATC
University of Alabama – Birmingham

"Breath acetone concussion ketone study"

\$2,500

Doctoral Research Grant Program

Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Thomas Birchmeier, MS, ATC, CSCS
Michigan State University

"Progression of performance on change of direction tasks and return to sport criteria from 6- to 9-months after ACL reconstruction"

\$2,500

Doctoral Research Grant Program

Funded by: Malacrea Research Endowment

Danielle Torp, MS, ATC
University of North Carolina – Charlotte

"Effects of gait retraining with auditory biofeedback on biomechanics and ankle joint health in individuals with chronic ankle instability."

\$2,500

Doctoral Research Grant Program

Funded by: Darren L. Johnson MD Research Endowment

Shawn Hanlon, MS, ATC, CSCS
University of Delaware

"Activity modification for adolescents with calcaneal apophysitis"

\$2,500

Doctoral Research Grant Program

Funded by: District 2 Doctoral Research Grant Endowment

Hyunwook Lee
Brigham Young University

"Effects of 4-week dynamic balance training with stoboscopic glasses on postural control in patients with chronic ankle instability."

\$1,000

Masters Research Grant Program

Funded by: Osternig Research Endowment

Aubrey Bayer
Ohio University

"Cultural competence and race concordance in athletic training"

\$1,000

Masters Research Grant Program

Funded by: Women in Athletic Training Research Endowment

Keiona Nance
The State University at Buffalo
"The effect of water stirring on cold water immersion cooling rates"
\$1,000
Masters Research Grant Program
Funded by: Ted Quednefeld Research Endowment

2019 Grants (13 Grants totaling \$189,859)

Luke Donovan, PhD, ATC
Abbey Thomas, PhD, ATC
University of North Carolina at Charlotte
"External versus internal feedback on biomechanics and self-reported function in patients with chronic ankle instability"
\$57,458
General Research Grant Program

Rebecca Lopez, PhD, ATC, CSCS
University of South Florida
"Physiological, perceptual & hydration measures of high school football players during preseason practices in the heat"
\$41,073
General Research Grant Program

Kelsey Picha, PhD, ATC
A.T. Still University of Health Sciences
"Athletic Trainers' Perceptions and Observation of Social Determinants of Health"
\$23,000
New Investigator Research Grant Program

Janet Simon, PhD, ATC
Ohio University
"Functional Evaluation to Optimize Patient-Reported Outcomes and Decrease Subsequent Lower Extremity Injury Risk"
\$23,000
New Investigator Research Grant Program

Cailee Welch Bacon, PhD, ATC
A.T. Still University of Health Sciences
"Former Residents' and Employers' Perceptions of Residency Training in Athletic Training".
\$28,750
Education Research Grant Program

Rebecca Hirschorn, MS, SCAT, ATC, NRAEMT
University of South Carolina
"The Epidemiology of EMS Activations for Sport-Related Injuries by Athletic Training Service Level"
\$2,373.52
Doctoral Research Grant Program
Funded by: Malacrea Research Endowment

Sarah Myers, MEd, LAT, ATC
University of Connecticut
"Identifying Developmentally Effective Experiences and Self-Authorship Development among Professional Masters Athletic Training Students"
\$2,500
Doctoral Research Grant Program
Funded by: Darren L. Johnson Postdoctoral Research Fellowship

Kyoungyoun Park-Brawell
University of North Carolina at Greensboro
"The impact of differential knee laxity on brain function during knee joint loading"
\$2,500
Doctoral Research Grant Program
Funded by: James R. Andrews MD Research Endowment

David Sherman, DPT, ATC
The University of Toledo
"Novel assessment of Quadriceps Motor Unit Behavior after anterior cruciate ligament reconstruction"
\$2,500
Doctoral Research Grant Program
Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Kemery Sigmund, MS, ATC
University of Wisconsin Milwaukee
"Do Females with Patellofemoral Pain Exhibit Altered Conditioned Pain Modulation Compared to Pain-Free Females?"
\$2,500
Doctoral Research Grant Program
Funded by: Joe Gieck Challenge Doctoral Research Endowment

Christina VanderVegt, MS, ATC
The University of North Carolina at Chapel Hill
"Pupillary Response to Cognitive Load as a Physiological Index of Neural Resource Utilization Following Concussion"
\$2,304
Doctoral Research Grant Program
Funded by: Cantu/ Guskiewicz Research Award

Kelly Johnson, LAT, ATC
Old Dominion University
"The short-term and long-term effects of balance rehabilitation in those with chronic ankle instability"
\$900
Masters Research Grant Program
Funded by: Ted Quedenfeld Research Endowment

Lauryn Lanzer, LAT, ATC

University of Kentucky

"Deficits in Disease and Patient Oriented Outcomes in Adolescents with Chronic Ankle Instability's"

\$1,000

Masters Research Grant Program

Funded by: District 9 MaryBeth Horodyski, EdD, LAT, ATC, FNATA Master's Research Endowment

2018 Grants (14 Grants totaling \$150,952)

Christopher Kuenze, PhD, ATC

"Physical Activity Participation in Adolescent Athletes with a Recent History of ACL Reconstruction"

\$ 23,000

New Investigator Research Grant Program

Lindsey DiStefano, PhD, ATC

"Comprehensive High School Sport Safety; A Personalized Approach for the Local Implementation of Best Practice Initiatives"

\$ 49,999

General Grant Research Program

Sakiko Oyama, PhD, ATC

"Comprehensive High School Sport Safety; A Personalized Approach for the Local Implementation of Best Practice Initiatives"

\$ 54,996

General Grant Research Program

Trevor Thompson

"Corticospinal Excitability of the Gluteus Maximus in Individuals with and without Chronic Ankle Instability; A Pilot Study"

\$1,000

Masters Grant Research Program

Funded by: District 3 Master's Research Grant

Oliver Silverson

"Reliability and Validity of a Clinical Assessment Tool for Measuring Scapular Mobility"

\$996

Masters Grant Research Program

Funded by: District 9 MaryBeth Horodyski Master's Research Endowment

Emily Nelson

"Educator and Preceptor Roles in Athletic Training Student Development"

\$980

Masters Grant Research Program

Funded by: Women in Athletic Training Research Endowment

Yuki Sugimoto

"The Effects of Visual Focus and Visual Sensory Reweighting on Postural Control in Individuals With and Without CAI"

\$2500

Doctoral Research Grant Program

Funded by: PFATS Kent and Maxine Falb Doctoral Research Grant

Melissa Kay

"Development of a Theory-Based Intervention for Communication of Healthcare Decisions in Athletic Training: The CHAT Study"

\$2500

Doctoral Research Grant Program

Funded by: Malacrea Research Endowment

Jennifer Savage

"Examining Driving Performance Among High School and Collegiate Athletes After Sustaining a Sport Related Concussion"

\$2500

Doctoral Research Grant Program

Funded by: Cantu/Guskiewicz Research Award

Rachel Koldenhoven

"Effects of a Gait Biofeedback and Impairment Based Rehabilitation in Individuals with Chronic Ankle Instability"

\$2500

Doctoral Research Grant Program

Funded by: Joe Gieck Challenge Doctoral Research Grant

Shelby Baez

"Implementation of In Vivo Exposure Therapy to Decrease Fear in Females After ACL Reconstruction: A Pilot Study"

\$2488

Doctoral Research Grant Program

Funded by: James Andrews Research Endowment

Christopher Johnston

"Quadriceps Muscle Quality Following Anterior Cruciate Ligament Reconstruction: A Potential Mechanism for Knee Osteoarthritis"

\$2500

Doctoral Research Grant Program

Funded by: NATA Foundation PhD Grant

Lisa-Anne Cummins

"Biomechanical and Health-Related Quality of Life Factors in Males with Patellofemoral Pain"

\$2500

Doctoral Research Grant Program

Funded by: Darren L. Johnson Postdoctoral Research Fellowship

Yu-Lin Huang

"The Influence of Quadriceps Rate of Torque Development and Arthrogenic Muscle Inhibition on Knee Landing Mechanics During Different Tasks."

\$2500

Doctoral Research Grant Program

Funded by: Osternig Research Endowment

2017 Grants (14 Grants totaling \$184,417)

Kara Radzak, PhD, ATC D8

"An Evaluation on the Prevalence and Effectiveness of Care Provided by Athletic Trainers in a Military Population"

\$ 23,000

New Investigator Research Grant Program

Zachary Kerr, PhD, MPH, MA D3

"The effect of and compliance with the National Athletic Trainers' Association Inter-Association Task Force (NATA-IATF) preseason heat acclimation guidelines in high school football"

\$ 57,500

General Grant Research Program

Bonnie VanLunen, PhD, MPH, MA D3

"Characteristics of patient encounters and the impact of clinical experiences for professional athletic training students"

\$56,517

General Grant Research Program

Ashley Thrasher, EdD, ATC, CSCS D3

"Examining the Onboarding Process for Newly Credentialed Athletic Trainers and its Impact on Transition to Practice"

\$11,293.00

Education Grant Program

Cailee Welch-Bacon, PhD, ATC D7

"Employer Perceptions of the Advanced Clinical Practice Doctorate in Athletic Training"

\$11,500.00

Education Grant Program

Lindsey Eberman, PhD, ATC D4

"Developing, Validating, and Establishing Reliability of a Standardized Patient Evaluation Tool To Measure Competency"

\$11,322.00

Education Grant Program

Stephanie Clines, ATC D1

"Examination of Athletic Director's Perceptions of the Utilization of Athletic Training Services in the Secondary School Setting"

\$2500

Doctoral Research Grant Program

Funded by: James R. Andrews MD Research Endowment

Alicia Pike, MS, ATC D1

"Organizational Culture's Effect on Injury Treatment Decision Making"

\$2500

Doctoral Research Grant Program

Funded by: Joe Gieck Challenge Doctoral Research Endowment

Caroline Lisee, ATC D4

"The impact of involved limb quadriceps dysfunction on single leg movement quality after ACL reconstruction"

\$2500

Doctoral Research Grant Program

Funded by: PFATS Doctoral Research Grant

Jennifer Hunnicutt, MSc, ATC D3

"Quadriceps Muscle Size and Function Following Anterior Cruciate Ligament Reconstruction with Quadriceps Tendon Autografts"

\$2335

Doctoral Research Grant Program

Funded by: Malacrea Research Endowment

Samantha Scarneo, MS, ATC D1

"Emergency Action Planning Policy Adoption in Secondary School Athletics"

\$2500

Doctoral Research Grant Program

Funded by: Darren L. Johnson Postdoctoral Research Fellowship

Shelby Conard, ATC D5

"The Relationship of Injury and Cardiorespiratory Fitness and Effective Cardiopulmonary Resuscitation in Fire Fighters"

\$950

Masters Research Grant Program

Funded by: Women in Athletic Training Research Endowment

2016 Grants (15 Grants totaling \$181,999)

Lindsey Lepley PhD, ATC & Tim Butterfield PhD, ATC, FACSM

"Eccentric exercise to promote immediate beneficial adaptations to muscle"

\$22,998

New Investigator Research Grant Program

Tom Bowman PhD, ATC , Stephanie Mazerolle PhD, ATC, FNATA , Brianne Kilbourne EdD, ATC

"An investigation into doctoral preparation and mentorship in the socialization of pre-tenured athletic training faculty members"

\$11,500

New Investigator Research Grant Program

Stacy Walker PhD, ATC, FNATA, Stephanie Mazerolle PhD, ATC, FNATA

"Mentoring: What are the processes in the development of mentoring relationships in the support of transition to practice?"

\$11,276

New Investigator Research Grant Program

Kenneth Lam Sc.D., ATC, Erik Wikstrom PhD, ATC, LAT

"Do treatments provided at the point-of-care influence recurrent injury risk and long-term patient outcomes after acute lateral ankle sprain?"

\$105,225

Outcomes Grant Program

Sara Nottingham, Stephanie Mazerolle

"An investigation into doctoral preparation and mentorship in the socialization of pre-tenured athletic training"

faculty members”
\$11,500

Kyeongtak Song MS, ATC, CSCS
“Influence of Visual Perturbations on Static and Dynamic Postural Control in Chronic Ankle Instability Patients”
\$2,000
Doctoral Grant Research Program
Funded by: PFATS Doctoral Research Endowment

Jennifer Hogg MA, ATC
“The influence of hip structure and gluteal activation on dynamic knee valgus”
\$2,500
Doctoral Grant Research Program
Funded by: Richard Malacrea AT Ret Research Endowment

Jessica Rager MS, ATC, PES
“Exploring the Development of Athletic Training Preceptors”
\$2,090
Doctoral Grant Research Program
Funded by: James Andrews, MD, Excellence in Athletic Training

Shawn Eagle MAT, ATC, CSCS
“Investigating Potential Neuromuscular and Sensorimotor Differences Between Recently Concussed Athletes and Healthy Controls”
\$2,470
Doctoral Grant Research Program
Funded by: District 2 Doctor’s Research Grant Endowment

Kyle Kosik MEd, ATC
“Chronic Ankle Instability & Aging”
\$2,500
Doctoral Grant Research Program
Funded by: Joe Gieck, EdD, AT Ret, PT Challenge Doctoral Research Endowment

Sunku Kwon MS, ATC, LAT
“Effects of experimental anterior knee pain on knee articular cartilage morphology and composition, lower-extremity biomechanics, and blood biomarkers”
\$2,500
Doctoral Grant Research Program
Funded by: Perrin/Guskiewicz Research Endowment

Elizabeth Teel
“The Effect of ACTIVE Training on Clinical and Physiological Outcomes in Healthy and Concussed College-Aged Participants”
\$2,440
Doctoral Grant Research Program
Funded by: Cantu/Guskiewicz Research Endowment

Monica Soyk, ATC

"Patient Reported Outcomes and Self-Assessed Function after Lateral Ankle Spraining"

\$1,000

Masters Grant Research Program

Funded by: District 9 Master's Research Grant Endowment

Teraka Gonzalez, ATC

"Is the ThermoStim and Effective Heating and Cooling Modality"

\$1,000

Masters Grant Research Program

Funded by: Ted Quedenfeld Research Endowment

Kelly Leonard, ATC

"Effects of dyad training on jump drop landing technique transfer and retention in female athletes" \$1,000

Masters Grant Research Program

Funded by: Women in Athletic Training Research Grant Endowment

2015 Grants (16 Grants totaling \$493,515)

Timothy A. McGuine PhD ATC University of Wisconsin-Madison

Jacob Resch, PhD, ATC University of Virginia

"The Impact of Athletic Trainers on the Incidence, Management and Outcomes for Sports Related

Concussion Injuries in High School

Athletes"

\$373,990

Richard J. Boergers, PhD, ATC

Seton Hall University

"The Effect of LaCrosse Protective Equipment and Advanced Airway Equipment on the Ability to Provide CPR"

\$57,500

General Grant Research Program

David Robert Bell, PhD, ATC

University of Wisconsin, Madison

"Changes in Landing Mechanics and Balance in ACL Reconstructed Patients"

\$20,431

New Investigator Research Grant Program

Stephanie M. Mazerolle, PhD, ATC

University of Connecticut

"Multilevel Framework of Work-Life Conflict in Athletic Training: Individual, Socio-Cultural and Organizational Factors"

\$20,000

New Investigator Research Grant

Ryan S. McCann, MEd, ATC, CSCS

University of Kentucky Research Foundation

"Clinical Determinants of Recurrent Injury following Index Ankle Sprain"

\$2,500

Doctoral Research Grant Program

Funded by: James Andrews, MD, Excellence in Athletic Training

Christopher J. Burcal, MSc, LAT ATC

University of North Carolina at Charlotte

"Cortical Measures of Postural Control in Uninjured Controls, Copers, and Those with Chronic Ankle Instability"

\$2,500

Doctoral Research Grant Program

Funded by: Richard Malacrea AT Ret Research Endowment

Laura Ann Zdziarski, BS, ATC, LAT

University of Florida

"Incorporating Athletic Trainers into an Orthopaedic Trauma Care Team to Improve Patient's Functional and Emotional Quality of Life"

\$2,499.17

Doctoral Research Grant Program

Funded by: Cantu/Guskiewicz Research Endowment

Timothy C. Mauntel, MA, ATC, LAT

University of North Carolina at Chapel Hill

"The Influence of Biomechanics on Biomarkers of Skeletal Stress During Army Cadet Basic Training"

\$2,480

Doctoral Research Grant Program

Funded by: Joe Gieck, EdD, AT Ret, PT Challenge Doctoral Research Endowment

Eunwook Chang, MEd, ATC

Oregon State University

"Evaluating the Usefulness of a Functional Test Battery for Determining Return to Full Activity in Females with Anterior Cruciate Ligament Reconstruction"

\$2,220

Doctoral Research Grant Program

Funded by: Darren Johnson Research Endowment

S. Jun Son, MS, ATC, LAT

Brigham Young University

"Ankle Ligament Laxity and Movement Strategy Differences during a Max Vertical/Side Jump Task among Healthy, Coper, and Ankle Instability Groups"

\$2,500

Doctoral Research Grant Program

Funded by: PFATS Doctoral Research Endowment

Jason Cline

University of North Carolina at Charlotte

"Mitigating Fatigue with Kinesio Tex Tape in those with Chronic Ankle Instability"

\$1,000

Masters Research Grant Program

Funded By: District 3 Master's Research Grant Endowment

Shelby Baez, ATC

University of Kentucky Research Foundation

"Use of Response Shift to Improve between Patient Reported Outcome Measures and Performance-Based Testing in Knee Patients"

\$1,000

Masters Research Grant Program

Funded By: Louis R. Osternig, PhD, Research Endowment

Colin Drinkard, ATC
University of Kentucky Research Foundation
"Potential Association between Corticospinal Excitability and Ankle Kinematics in Chronic Ankle Instability Individuals"
\$1,000
Masters Research Grant Program
Funded by: Ted Quedenfeld Research Endowment

Alyssa Stirling, BS
Appalachian State University, Boone, NC
"The Effect of Short-Term Ankle Immobilization on Joint Stiffness and Nervous System Function"
\$1,000
Masters Research Grant Program
Funded by: Edward J. Pillings Research Endowment

Jenna Chinburg, ATC, LAT
North Dakota State University
"The Perception of Trust between Athletic Trainers and Musical Performing Artists"
\$1,000
Masters Research Grant Program
Funded by: NATA Research & Education Foundation

Ian de Rozario Crossett, BS, ATC
University of Kentucky Research Foundation
"Hip Strength and Dynamic Postural Control in those with and without Chronic Ankle Instability"
\$1,000
Masters Research Grant Program
Funded by: NATA Research & Education Foundation

Angelina Purchio, BS, JoLynn Leisinger, BS, Maria Bartoletti, BS
Weber State University
"Effectiveness of Direct Contact Cryotherapy vs Cryo-Compression Units on Decreasing Intramuscular and Skin Temperatures"
\$995.55
Masters Research Grant Program
Funded by: Women in Athletic Training Research Grant Endowment

2014 Grants (15 Grants totaling \$145,932.45)

Diana Bocklund, BS, Claire Ely, BS, and Haley Evans, BS
Weber State University
"A Comparison of Three Deep-Heating Modalities: ReBound Shortwave, Diathermy, Autotherm Shortwave Diathermy, and 1 MHz Ultrasound"
\$993.40
Master's Research Grant Program
Funded by: Ted Quedenfeld Research Endowment

Mark Feger, MEd, ATC
Rector & Visitors of the University of Virginia
"Lower Extremity Muscle Architecture and Function in Patients With and Without Chronic Ankle Instability"
\$2,500
Doctoral Research Grant Program
Funded by: James Andrews, M.D. Excellence in Athletic Training

Melissa Kay, AT, ATC
A. T. Still University
"Athletic Trainer' Perceptions of and Experiences with Academic Accommodations as Part of The Concussion Management Protocol"
\$1,000
Master's Research Grant Program
Funded By: Cantu/Guskiewicz Research Endowment

Robert Kunisch, ATC
University of Toledo
"The Effects of Cryotherapy on Quadriceps Corticomotor Excitability in Patients with Anterior Knee Pain"
\$974
Master's Research Grant Program
Funded by: Edward J. Pillings Research Endowment

Jessica Martinez, MS, ATC, CSCS
University of Connecticut
"Comparative Effectiveness of Injury Prevention Programs in Adolescent Athletes"
\$2,500
Doctoral Research Grant Program
Funded by: Darren Johnson Research Endowment

Joni A. Mettler, PhD, ATC, CSCS
Texas State University
"Effects of Neuromuscular Electrical Stimulation Frequency on Metabolic Markers of Skeletal Muscle Growth Factors in Humans"
\$56,062.50
General Grant Research Program

Reed Omdal, ATC, LAT
University of Utah
"Effects of Plyometric and Functional Training on Cervical Muscle Strength and Activation in Female High School Soccer Players"
\$1,000
Master's Research Grant Program
Funded by: Mountain West Conference Team Physicians and Certified Athletic Trainers' Society

Brian G. Pietrosimone, PhD, ATC
University of North Carolina at Chapel Hill
\$23,000
"Cartilage Health Following ACL Injury: Comprehensively Evaluating the Early Biomechanical and Biomechanical Influences Leading to Posttraumatic Osteoarthritis"
\$22,425
New Investigator Research Grant Program

J. Luke Pryor, MS, ATC

University of Connecticut

"Effectiveness of an Intermittent Heat Exposure to Maintain Heat Acclimation"

\$2,500

Doctoral Research Grant Program

Funded by: PFATS Doctoral Research Grant Endowment

Riana Pryor, MS, ATC

University of Connecticut

"Lasting Effects of Exercise in Heat on Subsequent Exercise and Thermoregulation"

\$2,500

Doctoral Research Grant Program

Funded by: Richard Malacrea AT Ret Research Endowment

Adam Raikes, LAT, ATC

Utah State University

"Measurement of Sleep Quantity and Quality During Acute Concussion Via Actigraphy"

\$2,500

Doctoral Research Grant Program

Funded by: Cantu/Guskiewicz Research Endowment

Chyrsten Regelski, ATC

Old Dominion University

"Assessment of Parent Knowledge of Roles and Responsibilities of Athletic Trainers in the High School Setting"

\$993.60

Master's Research Grant Program

Funded by: District 3 Master's Research Grant Endowment

Erik E. Swartz, PhD, ATC, FNATA

University of New Hampshire

"Prevention of Head Impacts in American Football"

\$46,493.85

General Grant Research Program

Rachel Walker, LAT, ATC

University of Iowa

"Effect of Sleep Quality and Weight Bearing Activity on Quadriceps Muscle Function Following ACL Reconstruction" \$1,000

Master's Research Grant Program

Funded by: Louis R. Osternig, PhD, Research Endowment

Hsin-Min Wang, MS

University of North Carolina at Greensboro

"The Effect of Exercise Training on Anterior Knee Laxity and Ligamentous Size"

\$2,500

Doctoral Research Grant Program

Funded by: Joe Gieck, EdD, AT Ret, PT Challenge Doctoral Research Endowment

2013 Grants (16 Grants totaling \$159,610.85)

Samantha Bowker, BS, ATC

University of Toledo

"A Comparison of Excitability Measures, ROM, Laxity, and Dynamic Postural Control between Copers and Patients with Chronic Ankle Instability"

\$1,000

Master's Research Grant Program

Richard Malacrea, AT Ret Masters Research Endowment

Stephanie Clines, ATC

University of Connecticut, Storrs

"An Examination of Graduate Assistant Athletic Trainer Experiences"

Ted Quedenfeld Masters Research Endowment

Luke Donovan, MEd, ATC \$2,500

University of Virginia

"Rehabilitation for Chronic Ankle Instability with and without Destabilization Devices: A Randomized Controlled Trial"

\$2,500

Doctoral Research Grant Program

Phillip Gribble, PhD, ATC

University of Toledo

"Using Dynamic Postural Control to Identify Risk for Ankle Injury in Adolescent Football Players"

\$48,875.00

General Grant Research Program

Dustin Grooms, MEd, ATC, CSCS

The Ohio State University

"Visual Interference Effects on Lower Extremity Neuromuscular Control"

\$2,300

Doctoral Research Grant Program

Ariel Guldstrand, ATC, LAT

University of Utah

"The Effects of Gait Retraining on Iliotibial Band Syndrome in Runners"

\$1,000

Louis R. Osternig, PhD Masters Research Endowment

Dorice Hankemeier, PhD, ATC

Ball State University

"Assessment of Healthcare Competencies in Professional Athletic Training Education"

\$38,668.20

General Grant Research Program

Eric Hunter, BS /Caitlyn Crowley, BS

Weber State University

"Effect of Salted Ice Bags on Surface and Intramuscular Tissue Cooling and Rewarming Rates"

\$969.65

Edward J. Pillings Masters Research Endowment

Elizabeth Hibberd, MA, ATC

University of North Carolina, Chapel Hill

"Effect of Swim Training on Physical Characteristics in Youth Swimmers"

\$2,498

Doctoral Research Grant Program

Lindsey K. Lepley, MEd, ATC

University of Michigan

"The Effectiveness of a Combined NMES and Eccentric Exercise Intervention to Improve Quadriceps Function and Restore Knee

Mechanics Post-ACL Reconstruction"

\$2,500

Joe Gieck, EdD, AT Ret, PT Challenge Doctoral Research Endowment

Kelly D. Pagnotta, PES

University of Connecticut

"Implementing Health and Safety Policy Changes in the High School Setting From a Leadership Perspective"

\$2,475

Doctoral Research Grant Program

Anna Porter, ATC

University of Kentucky Research Foundation

"Scapular Muscle Activities during Closed Chain Shoulder Exercises"

\$1,000

Richard Malacrea, AT Ret Masters Research Endowment

Michele Pye, MS, ATC

University of North Carolina, Greensboro

"Comparison of Neuromuscular Control Strategies between Female Dancers and Athletes"

\$2,500

James R. Andrews, MD Excellence in Athletic Training Doctoral Research Endowment

Aaron H. Struminger, MA, ATC

University of Delaware

"Comparing Glenohumeral and Scapular Musculoskeletal Adaptations between Youth and Collegiate Swimmers"

\$2,500

District 2 Doctoral Research Grant Endowment

Jennifer Werner, ATC, BS/Julia Iannicelli, ATC, BS

University of Kentucky Research Foundation

"Understanding Return to Sport Factors Following Anterior Cruciate Ligament Reconstruction: A Mixed-Methods Study"

\$1,000

District 2 Masters Research Grant Endowment

Erik Wikstrom, PhD, LAT, ATC

University of North Carolina, Charlotte

"Charlotte Ankle Sprain Tracing Study (CASTS)"

\$48,875

General Grant Research Program

2012 Grants (14 Grants totaling \$264,204.50)

Samantha Boland, ATC
University of Toledo

"Effects of Hip Rehabilitation Intervention on Dynamic Postural Control and Self-Reported Ankle Impairment in Patients with Chronic Ankle Instability"

\$1,000

Quedenfeld Master's Research Grant Program

Heather Boley, ATC
University of Toledo

"A Comparison of Strength, ROM and Dynamic Postural Control Between Ankle Copers and Patients with Chronic Ankle Instability"

\$1,000

Malacrea Master's Research Grant Program

Emily Brownwell, ATC
University of Kentucky Research Foundation

"Utilization of Massage to Limit Disuse Atrophy and Enhance Regrowth in Skeletal Muscle"

\$985.50

Osternig Master's Research Grant Program

Timothy Butterfield, PhD, ATC
University of Kentucky

"Load Dependent Effects of Massage on Immunomodulation and Afferent Density"

\$46,049

General Grant Research Program

Shannon David, MS, ATC, PES
Ohio University

"Development of a Patient-Athletic Trainer (AT) Trust Instrument"

\$2,500

Doctoral Research Grant Program

Hayley Erickson, MS, ATC, LAT
University of Toledo

"Improving Jump Landing Biomechanics With Real-Time Feedback"

\$2,500

Doctoral Research Grant Program

Ruth Lyndsay Ingram
Georgia Southern University

"Acute Alterations in Scapular Upward Rotation Following a Functional Fatiguing Protocol in Male Tennis Players"

\$1,000

Master's Research Grant Program

Dawn Minton, MS, ATC
University of South Carolina

"Naproxen on Gut Permeability during Exercise in a Thermal Environment among Male and Female Division I Collegiate Athletes"

\$2,495

Doctoral Research Grant Program

Hayley Root, ATC

University of Connecticut, Storrs

"Do Injury Prevention Programs Lead to Acute Improvements with Fitness Performance in Youth Athletics?"

\$1,000

Malacrea Master's Research Grant Program

Stephanie Sequin

University of Delaware

"The Relationship between Personality and Functional Ability following Anterior Cruciate Ligament Injury"

\$1,000

District Two Master's Research Grant Program

Ellen Shanley, PhD, PT, OCS

"Effectiveness of a preseason conditioning program on injury rates and modifiable risk factors in high school baseball and softball pitchers and catchers"

\$57,449

General Grant Research Program

Alison R. Snyder Vailer, PhD, ATC

AT Still University

"Health related quality of life in adolescent athletes: a study from the athletic training practice-based network"

\$143,726

General Research Grant Program – Outcomes RFP

Amanda Tritsch, MS, ATC, CSCS

University of North Carolina at Greensboro

"Associations between Physical Characteristics and Landing Biomechanics in Adolescent Females"

\$2,500

Andrews Doctoral Research Grant Program

Laura Young, ATC

University of Toledo

"Discovering the Limits of a Jump-Landing Feedback Intervention"

\$1,000

Pillings Master's Research Grant

2011 Grants (6 Grants totaling \$186,818.44)

Steven Broglio, PhD, ATC

University of Illinois at Urbana

"Concussion across the Lifespan: Persistent Effects on Brain, Neurocognitive Functioning and Motor Control"

\$128,912

General Grant Program

Annie L. Bryan

Georgia Southern University

"How Long Do Postural Impairments Last Following a Lateral Ankle Sprain?"

\$1,000

Masters Grant Program

Lindsay DiStefano, PhD, ATC

University of Connecticut
"Lower Extremity Injury Prevention: Monitoring Changes over Time"
\$57,395

General Grant Program

Conrad M. Gaebler, BS, ATC
Ohio University
"The Effectiveness of Neuromuscular Training on Modifiable Anterior Cruciate Ligament Injury Risk Factors"
\$1,000

Masters Grant Program

Matthew Harkey, ATC
University of Toledo
"Restoring Neuromuscular Function with Joint Mobilizations"
\$1,000

Masters Grant Program

Christopher Mendias, PhD, ATC
University of Michigan
"Improving Skeletal Muscle Regeneration Following Eccentric Injury by Inhibition of the Pro-Inflammatory Cytokine TGF-Beta"
\$52,992

General Grant Program

Hollis Theard, ATC, LAT
Georgia Southern University
"What is the Duration of BESS Impairment after Fatigue in High School Athletes?"
\$914.44

Masters Grant Program

Aisha Visram, ATC
University of Massachusetts at Amherst
"Impact of Mental Toughness on Psychological and Physical Predictors of Illness and Injury"
\$1,000

Masters Grant Program

2010 Grants (9 Grants totaling \$11,999)

Stasia Burroughs, ATC, LAT \$1,000
Auburn University
"Success Rate and Removal time of face Masks on Football Helmets with Quick Release™ Face Guard Attachment System Used for One or More Seasons of Play"

Master's Research Grant Program

Gabriel P. Fife, ATC \$1,000
University of Delaware
"Examining the Concussion Dilemma in Taekwondo: An Initial Look at Impact Forces to the Head"
Masters Grant Funded by the District Two Master's Grant Research Fund in Honor of Paula Sammarone Turocy

David Howell, ATC \$1,000

University of Oregon

"Evaluation of the Orientation/Executive Functions of Attention and Gait Disturbances in Concussed High School Athletes: A Pilot Study"

Master's Research Grant Program

Chad Moeller \$1,000

A. T. Still University

"Activation of Scapular Stabilizers during Functional Shoulder Rehabilitation Exercises"

Masters Research Grant Program

Melissa M. Montgomery, MA, ATC \$2,500

University of North Carolina at Chapel Hill

"The Effect of Relative Lean Body Mass and Strength on Hip, Knee, and Ankle Energy Absorption During Landing"

Doctoral Grant Program Funded by the Professional Football Athletic Trainers' Society

Marc F. Norcross, MA, ATC \$2,500

University of North Carolina at Greensboro

"The Identification of Biomechanical Predictors of Lower Extremity Energy Absorption"

Doctoral Grant Program

Karen Ocwieja \$ 999

University of North Carolina at Chapel Hill

"The Identification of Biomechanical Predictors of Lower Extremity Energy Absorption"

Masters Grant Program

Megan Quinlevan, BS, ATC \$1,000

University of Kentucky Research Foundation

"Hip Muscle Activation, Kinematics, Pain and Function in Female Runners with Patellofemoral Pain Before And After a Focused Technique Training Program"

Master's Grant Funded by the Richard F. Malacrea Research Fund

Brandi G. Schwane, ATC \$1,000

University of North Carolina at Chapel Hill

"Trunk and Lower Extremity Kinematics in Individuals With and Without Patellofemoral Pain Syndrome"

Masters Grant Program

2009 (10 Grants totaling \$12,542)

Masafumi Terada, ATC \$1,000

University of Toledo

"An Examination of Proximal Tibia Anterior Translation and Neuromuscular Control in Individuals with Chronic Ankle Instability"

Master's Research Grant Program

Stephanie Carzoo, ATC, EMT-B \$683

Michigan State University

"Graduate Assistance Athletic Trainers' Time Commitments and Cognitive Appraisals"

Master's Research Grant Program

Julia Dawn Brandt, ATC, CSCS \$1,000

University of Virginia

"Effects of Talocrural Joint Mobilization in Individuals with Diminished Dorsiflexion Range of Motion after Ankle Sprain"

Master's Research Grant Program

Sarah J. Cayton, ATC, AT/L \$ 1,000

A. T. Still University

"Differences in Scapular Muscle Activation and Ratios During Early Phase Rehabilitation Exercises"

Master's Research Grant Program

Allison S. Kim, BS, ATC/L

University of Delaware

"A Gender Comparison of Knee Stiffness Regulation Under Cognitive Load"

\$1,000

Master's Research Grant Program

Kyung Min Kim, MS, ATC \$ 2,500

University of Virginia

"The Immediate Effects of Focal Ankle Joint Cooling on Spinal Plasticity and Postural Control in those with Chronic Ankle Instability"

Doctoral Research Grant Program

Jacquelyn Matus, BS, ATC

University of Kentucky

"The Role of Fiber Dynamics in Strain-Induced Muscle Damage"

\$935

Master's Research Grant Program

Yutaka Taniguchi, ATC \$ 1,000

Central Washington University

"Impact of a Whole Body Immersion Bath on DOMS Symptoms Following Eccentric Exercise"

Master's Research Grant Program

Abbey Thomas, MEd, ATC \$ 2,440

University of Michigan

"Central Mechanisms of Quadriceps Weakness Following ACL Reconstruction"

Doctoral Research Grant Program

Christine Waters, BS, ATC

University of Kentucky

"Effects of Massage on Lymphangiogenesis and Inflammation"

\$984

Master's Research Grant Program

2008 (15 Grants totaling \$611,265)

Tracy Andrus, BS, ATC \$1,000

Old Dominion University

"Effects of Prefabricated Orthosis and an Augmented Low-Dye Taping on Plantar Pressures and pain in Subjects with Plantar Faciitis"

Master's Research Grant Program (Malacrea Fund)

Lindsey Drewes, MEd, ATC \$2,500

University of Virginia

"Effects of Rehabilitation Incorporating Short Foot Exercises on Functional Outcomes in Those with Chronic Ankle Instability"

Doctoral Research Grant Program

Holly Emmanuel, ATC

University of Connecticut

"Appearance of D2O in Sweat-Oral Ingestion vs. Intravenous Administration"

Master's Research Grant Program

Reed Ferber, PhD, ATC, CAT(C)

University of Calgary

"Optimal Rehabilitation Protocols for the Treatment of Patellofemoral Pain Syndrome: An Outcome-Based RCT Study"

\$374,722

Outcomes Research Grant Program

Michael Ferrara, PhD, ATC

University of Georgia

"The Risk of Exertional Heat Injuries in Interscholastic Football"

\$109,006

General Research Grant Program

Haley Hahn, ATC \$1,000

University of Toledo

"The Effects of Sex Differences and Hormone Fluctuations on Ankle Stability and Function"

Master's Research Grant Program

Lindsey Klykken, ATC \$1,000

University of Virginia

"Effects of Acute Lateral Ankle Sprain on Motoneuron Pool Excitability of the Lower leg Muscles"

Master's Research Grant Program

Sae Yong Lee, PhD, ATC \$2,500

University of Virginia

"Direct and Indirect Effects of Alignment, Range of Motion, and Gait Measures on Medial Tibial Stress Syndrome Status in Runners"

Doctoral Research Grant Program

Shelley W. Linens, MEd, ATC \$2,500

Virginia Commonwealth University

"The Effects of a 4 Week BAPS Rehabilitation Program on Subjects with Functional Ankle Instability"

Doctoral Research Grant Program

Brendon P. McDermott, MS, ATC \$2,500

University of Connecticut

"Intravenous vs. Oral Rehydration: Medical and Performance Considerations"

Doctoral Research Grant Program

Alan R. Needle, BS, ATC/L \$1,000

University of Delaware

"Microneurography Evaluation of Somatosensory Afferent Traffic in the Unstable Ankle"

Master's Research Grant Program

Brian Pietrosimone, MEd, ATC \$2,460

University of Virginia

"The Effect of Transcutaneous Electrical Nerve Stimulation on Quadriceps Central Activation and Gait"

Doctoral Research Grant Program

Kristin Popp, MA \$2,500

University of Minnesota

"Bone Geometry, Strength, and Biomechanical Changes in Runners with a History of Stress Fractures"

Doctoral Research Grant Program

Alison R. Snyder, PhD, ATC & Tamara V. McLeod, PhD, ATC \$ 76,149 (1st year funding – 2008)

University of Georgia

\$107,013

Project Grant Program

Jennifer M. Tolson, ATC \$563.55

Georgia Southern University

"Dynamic Postural Stability During gait Initiation in Individuals with Chronic Ankle Instability: Influence of velocity and Direction"

Master's Research Grant Program

2007 (13 Grants totaling \$197,397)

Matthew Bracken, ATC

University of Toledo

"Relative Phase Analysis of the Star Excursion Balance Test among Patients with Chronic Ankle Instability"

\$930

Osternig Master's Research Grant Program

Kimberly L. Dolak, ATC \$1,000

University of Kentucky

"Comparison of Early Hip Strengthening to Early Quadriceps Strengthening in the Treatment of Females with Patellofemoral Pain"

Master's Research Grant Program

Stephen Herrmann, ATC, LAT \$1,000

University of Northern Iowa

"Development and Validation of a Movement and Activity in Physical Space (MAPS) Score as a Functional Outcome Measure"

Master's Research Grant Program

Charlie A. Hicks-Little, MS, LAT, ATC

University of North Carolina at Charlotte

"Kinematics and Kinetics during Stair Ascent and Descent in Osteoarthritic Knees"

\$2,500

Doctoral Research Grant Program

Jeffrey D. Hudson, ATC, LAT, EMT-1

University of North Carolina at Chapel Hill

"The Effects of Oral Contraceptives on Muscle Properties Across the Menstrual Cycle"

\$1,000

Master's Research Grant Program

Sam Johnson, MS, ATC, CSCS

Oregon State University

"Neural Control Differences of the Sexes"

\$2,475

Doctoral Research Grant Program

Kenneth C. Lam, MEd, ATC \$2,500

Boston University

"The Effects of Anterior Cruciate Ligament Reconstruction on Gait Coordination: A Dynamic Perspective"

\$2,500

Doctoral Research Grant Program

Lori Michener, PhD, PT, ATC, SCS

Old Dominion University

"Effectiveness of Rehabilitation for Subacromial Impingement Syndrome"

\$197,197

General Research Grant Program

Dani M. Moffitt, MA, MPE, ATC

Temple University

"Neuropsychological Influences on Neuromuscular Activation and Functional Stability"

\$2,151.47

Doctoral Research Grant Program

Jeffrey A. Russell, MS, ATC \$2,491

University of Wolverhampton, UK

"Validity and Reliability of a Fiber Optic Transducer for Measuring Tension in Ankle Ligaments"

Doctoral Research Grant Program

Samantha Lynne Sweet, BS, LAT, ATC

University of Northern Iowa

"Population Based Estimates of Medial Ulnar Collateral Ligament Damage"

\$1,000

Master's Research Grant Program

Brittany Taylor, ATC \$825

University of Toledo

"The Effects of Ankle Bracing on Dynamic Stability in Subjects with Chronic Ankle Instability"

Master's Research Grant Program

2006 (23 Grants totaling \$176, 390.70)

Jessica Barrett, BS, ATC

Old Dominion University

"Self-Reported Leadership Practices of Current Athletic Trainer Leaders"

\$1,000

Osternig Master's Research Grant Program

Erica Borgia, BS, ATC \$920

Old Dominion University

"Middle and High School Athletic Coaches' Knowledge of Prevention, Recognition and Treatment of Heat Illness"

Osternig Master's Research Grant Program

Nathan Crockett, BS, ATC \$1,000

West Virginia University

"The Effects of Prolonged Prophylactic Ankle Brace Use in High School Basketball Athletes on Dynamic Posture Control"

Osternig Master's Research Grant Program

Charles C. Emerson, BS, ATC, LAT & Dawn M. Minton, BS, ATC \$1,000

Florida International University

"The Effects of Hypohydration, Hyperthermia and Electrolyte Depletion on Exercise Associated Muscle Cramps"

Osternig Master's Research Grant Program

Matthew Gilbert, BA, ATC \$873

University of Toledo

"The Effects of Hand Placement on Muscle Activation During an Upper Extremity Closed Kinetic Chain Exercise"

Osternig Master's Research Grant Program

Mary Beth Gilliam, ATC \$1,000

University of Delaware

"Postural Sway and Neuropsychological Performance Following an Acute Bout of Soccer Heading"

Osternig Master's Research Grant Program

Terry L. Grindstaff, DPT, ATC, CSCS \$2,500

University of Virginia

"Effects of Sacroiliac Joint Manipulation on Gait Kinetics of Individuals with Patellofemoral Pain"

Doctoral Research Grant Program

Mary E. Joos, BA, ATC

Old Dominion University

"The Effects of Instruction on Jump-Landing Motion Patterns and Impact Forces"

\$1,000

Osternig Master's Research Grant Program

Emily Markis, BS, ATC \$999

Temple University

"Gender Differences in Head-Neck Segment Kinematics and Dynamic Stabilization during Soccer Heading in High School Athletes"

Osternig Master's Research Grant Program

Stephen W. Marshall, PhD

University of North Carolina at Chapel Hill

"Descriptive Epidemiology of Injury to the Cruciate Ligaments"

\$13,730

General Research Grant Program

Patrick O. McKeon, MS, ATC, CSCS \$2,500

University of Virginia

"The Effect of a 4-Week Balance Training Program on Postural Control and Gait Parameters in Those with Chronic Ankle Instability"

Doctoral Research Grant Program

Anh-Dung Nguyen, MEd, ATC \$2,500

University of North Carolina at Greensboro

"Relationships Between Lower Extremity Posture and Lower Extremity Kinematics with Posterior Lateral Hip Activation During a Single Leg Squat"

Doctoral Research Grant Program

Lacey Nordsiden, BA, ATC \$1,000

Old Dominion University

"The Effects of Three Foot Orthoses on Plantar Pressure of Pes Planus Foot Type"

Osternig Master's Research Grant Program

Erin M. O'Donoghue, BA, ATC

Old Dominion University

"An Assessment of High School Coaches' Knowledge of Sport-Related Concussion"

\$1,000

Osternig Master's Research Grant Program

Regina O'Hara, BS, ATC

Old Dominion University

"The Effects of Muscle Energy Techniques on Iliosacral Dysfunction"

\$1,000

Osternig Master's Research Grant Program

Riann M. Palmieri, PhD, ATC

University of Michigan

"Neuromuscular Inhibition of the Dynamic Ankle Stabilizers in Patients with Functional Ankle Instability"

\$65,861

General Research Grant Program

Emily Schlitz, BA, ATC, LAT

University of Northern Iowa

"Psychometrics of Ankle Self-Reported Surveys (PASS)"

\$1,000

Osternig Master's Research Grant Program

Megan Janette Schorr, ATC, LAT \$998.15

University of Texas at Arlington

"The Effects of Pulsed Shortwave Diathermy and Stretch on the Torque Angle Relation of the Calf (Plantarflexor) Muscles Associated with Passive Stretch Both During and After Treatment"

Osternig Master's Research Grant Program

Alison R. Snyder, PhD, ATC

AT Still University, Arizona School of Health Sciences

\$71,457

Post-Doctoral Research Fellowship

Katie M. Strasser, ATC \$810

AT Still University, Arizona School of Health Science

"The Effects of Two-A-Day Practices on Cognitive Function in Collegiate Football Players"

Osternig Master's Research Grant Program

Jill Thein-Nissenbaum, MPT, ATC, SCS \$2,500

University of Virginia

"Prevalence of Disordered Eating, Menstrual Dysfunction and Musculoskeletal Injury in Female High School Athletes"

Doctoral Research Grant Program

Jessica Walter, ATC

Old Dominion University

"An Assessment of Burnout in Undergraduate Athletic Training Program Directors"

Osternig Master's Research Grant Program

Nancy I. Williams, ScD

Pennsylvania State University

"Reversing Energy Deficiency in Amenorrheic Athletes: Effects on Bone Turnover and Physical Performance"

\$128,365

General Research Grant Program

2005 (21 Grants totaling \$240,468)

Jatin Ambegaonkar, MS, ATC, CSCS

University of North Carolina - Greensboro

"A Comparison of Muscle Activation and Knee Joint Stiffness Between Female Dancers and Basketball Players During Drop Jumps"

Doctoral Research Grant Program

Naoko Aminaka, ATC \$831

University of Toledo

"Effects of Patellar Taping and Patellofemoral Pain Syndrome on Joint Kinematics and Dynamic Postural Control"

Osternig Master's Research Grant Program

Patricia Anzivino, BS, ATC & Kellie Guth, BS, ATC

Old Dominion University

"Effects of Cryotherapy on Intramuscular Temperature Following Exercise"

Osternig Master's Research Grant Program

Paul Buchheit, BA, ATC

University of Northern Iowa

"Psychometric Rasch Evaluation of Shoulder Scales"

\$1,000

Osternig Master's Research Grant Program

R. Dawn Comstock, PhD

Columbus Children's Research Institute

"On-Line Surveillance of High School Sports Injuries"

\$84,811

General Research Grant Program

Nicole L. Craig, BA, ATC \$1,000

University of Northern Iowa

"Validation of Accelerometers as a Measure of Knee Dysfunction and Recovery"

Osternig Master's Research Grant Program

Melisa Fazio, BS, ATC & Jennifer Sebert, BS, ATC

University of Kentucky

"Gender, Structure, and Activity: Variables Affecting Knee Kinematics"

\$1,000

Osternig Master's Research Grant Program

Julie M. Fritz, PhD, PT, ATC \$48,209

University of Utah

"Clinical Presentation and Management of Children and Adolescents with Low Back Pain"

General Research Grant Program

Peter R. Giacobbi, Jr., PhD \$54,779

University of Florida

"Occupational Stress, Coping and Burnout Detection in the Athletic Training Profession"

General Research Grant Program

Matthew M. Grinsell, MD, PhD

University of Virginia

"Single Kidney and Sports Participation"

\$1,438

General Research Grant Program

Scott C. Livingston, MS, PT, ATC \$2,500

University of Virginia

"Motor Evoked Potential Differences Between Concussed and Non-concussed Athletes as Determined by Transcranial Magnetic Stimulation"

Doctoral Research Grant Program

John A. Mercer, PhD

University of Nevada, Las Vegas

"Shock Attenuation Characteristics for Children Runners"

\$28,517

General Research Grant Program

Larry B. Munger, Jr., MS, ATC, CSCS \$2,450

Texas Tech University

"Relationship Between Static and Dynamic Measurements and 3-D Moments During a Single-leg Stop-Jump Task"

Doctoral Research Grant Program

Julie Sandy, ATC \$985

Georgia Southern University

"Effect of Length of Board and Slide Speed on Motor Recruitment Patterns and Muscle Coordination in the Lower Extremity"

Osternig Master's Research Grant Program

Amelia Sesma, BS, ATC

University of Kentucky

"Effects of Foot Orthotics on Dynamic Postural Control Tasks in Subjects with CAI"

\$1,000

Osternig Master's Research Grant Program

Megan Shaw, ATC

University of Toledo

"Effects of Ankle Bracing and Fatigue on Time to Stabilization"

\$829

Osternig Master's Research Grant Program

Yohei Shimokochi, MA, ATC \$2,500

University of North Carolina – Greensboro

"The Effect of Tibialis Anterior Fatigue on the Tibial Internal Rotation and Eversion During Heel-Toe Landing"

Doctoral Research Grant Program

Eric J. Simmons, ATC \$620

A.T. Still University of Health Sciences

"Conservative vs. Operative Intervention for Atraumatic Glenohumeral Instability in the Overhead Athlete: A Systematic Review"

Osternig Master's Research Grant Program

Lyndsay Smith, BS, ATC \$1,000

Georgia Southern University

"Effect of Attention Focus Interventions on Anterior Tibial Shear Forces During Landing in Females"

Osternig Master's Research Grant Program

Eric A. Sorenson, BA, ATC \$1,000

University of Oregon

"Prostaglandin E2 Production Associated with Exercise-Induced Muscle Damage"

Osternig Master's Research Grant Program

David N. Suprak, MS, ATC, CSCS

University of Oregon

"Three-Dimensional Joint Position Sense in Shoulder Instability"

\$2,500

Doctoral Research Grant Program

2004 (14 Grants totaling \$135,355.68)

Aikane Belez, BS, ATC

Georgia Southern University

"Effects of Ankle Taping and Bracing On Shock Absorption Patterns During Drop Landings"

\$1,000

Osternig Master's Research Grant Program

Shawn Bonsell, MD & William F. Taylor, MEd, ATC \$48,374

Baylor University Medical Center of Dallas

"The Accuracy of Screening Echocardiography in Detecting Hypertrophic Cardiomyopathy in the Pre-Participation Athletic Physical"

General Research Grant Program

Tricia Hubbard, MS, ATC

Pennsylvania State University

"Contributing Factors to Chronic Ankle Instability"

\$2,500

Doctoral Research Grant Program

Cale Jacobs, MS, ATC \$2,500

University of Kentucky

"Relationships of Strength and Endurance of Hip Abductors to Functional Performance"

Doctoral Research Grant Program

Allison Lane, ATC \$957.70

University of Pittsburgh

"The Effects of the Pilates Method on Lumbopelvic Muscle Endurance and Stability"

Osternig Master's Research Grant Program

Jennifer Merkle, BS, ATC \$1,000

Texas Tech University

"The Effect of the Menstrual Cycle on Frontal Plane Knee Kinematics in the Eumenorrheic"

Osternig Master's Research Grant Program

Kristina E. Palmer, BS \$1,000

Georgia Southern University

"Effects of Ankle Taping and Bracing On Shock Absorption Patterns During Drop Landings"

Osternig Master's Research Grant Program

Akshay V. Patel, ATC \$997.98

University of North Carolina at Chapel Hill

"Does Dehydration Predispose Athletes to Signs and Symptoms, Neuropsychological Deficits and Postural Stability Deficits Often Associated With Concussion"

Osternig Master's Research Grant Program

Junita R. Payne, ATC \$1,000

Arizona School of Health; A.T. Still University

"Cortisol Awakening Response in A NJCAA Division II Collegiate Female Basketball Team During the Pre-Season, In-Season and Post-Season Aspects of A Competitive Basketball Season"

Osternig Master's Research Grant Program

Kristin Stoneberg, BA, ATC \$1,000

University of Northern Iowa

"The Contribution of Socioeconomic Status and Maturity to Injury Risk in Youth Soccer"

Osternig Master's Research Grant Program

Lindsay Strickland, BS, ATC \$1,000

University of North Carolina at Chapel Hill

"The Effect of Ankle Bracing On Lower Extremity Kinetics, Kinematics and Muscle Pre-activation Amplitude"

Osternig Master's Research Grant Program

Kathleen A. Swanik, PhD, ATC \$70,526

Temple University

"The Effect of Shoulder Plyometric Training on Muscle Activation Strategies and Kinematics"

General Research Grant Program

Cale Jacobs, MS, ATC \$2,500

University of Kentucky

"Relationships of Strength and Endurance of Hip Abductors to Functional Performance"

Doctoral Research Grant Program

Allison Lane, ATC \$957.70

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University of North Carolina at Chapel Hill

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Temple University

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General Research Grant Program

Susan Walker Yeargin, MS, ATC

University of Connecticut

"Examining Heat Acclimatization in High School Football Players"

\$2,500

Doctoral Research Grant Program

Anthony Zaino

Quinnipiac University

"The Effects of Phantom Tissue Samples on Therapeutic Ultrasound Beam Profiles"

Osternig Master's Research Grant Program

2003 (14 grants totaling \$159,711.94)

John B. Abt, MS, ATC

University of Pittsburgh

"Anterior Tibialis Fatigue Disrupts Knee Flexion-Pronation Synchrony During Running"

\$2,177.44

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Michelle Boling, ATC

University of Kentucky

"Effect of a Functional Rehabilitation Program on EMG and Pain in Patients"

\$1,000

Osternig Master's Research Grant Program

David Carney, ATC, CSCS \$1,000

University of Wisconsin LaCrosse

"The Effects of Development on Landing Mechanics in the Female Basketball Player"

Osternig Master's Research Grant Program

Geoffrey Dover, MS, ATC, CAT(c) \$2,096

University of Florida

"Comparison of Shoulder and Elbow Joint Position Sense Using a Vibration Stimulus"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Stacy Downar, ATC \$1,000

University of Kentucky

"Isometric Muscle Force Measurements Obtained by Hand-Held Dynamometry and Strength Relationships Among Athletes Ages 14 to 25"

Osternig Master's Research Grant Program

Lennart D. Johns, PhD, ATC \$76,443

Quinnipiac University

"Comparative Analysis of Ultrasound Beam Profiles Produced by Various Manufacturers"

General Research Grant Program

Nicole M. Livecchi, MS, ATC/L \$2,500

Ohio State University

"The Effects of Ultrasound Delivery Method and Energy Transfer on Skeletal Muscle Regeneration"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Philip W. McClure, PhD, PT \$36,507

Arcadia University

"Reliability and Validity of a Scapular Motion Classification System for Screening and Clinical Practice"

General Research Grant Program

Jennifer McKenzie, ATC

Old Dominion University

"The Effects of Ankle Taping and Spatting on the Reaction Times of the Supporting Musculature of the Ankle after Sudden Inversion"

\$979.50

Osternig Master's Research Grant Program

Scott G. Piland, MA, ATC

University of Georgia

"Concussion Symptom Resolution"

\$2,500

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Natalie Senese, ATC

University of Pittsburgh

"Clinical Measurement to Determine Potential Overuse Injury During Running"

\$832

Osternig Master's Research Grant Program

Shawna Wood, BS, ATC/L \$771

Barry University

"Kinematic, Kinetic and EMG Analysis of the Effects of Game-like Activity on Cutting Maneuvers in Collegiate Soccer Players"

Osternig Master's Research Grant Program

2002 (17 grants totaling \$341,407.60)

J. Troy Blackburn, MS, ATC/L \$2,350

University of North Carolina at Chapel Hill

"The Relationship Between Muscle Stiffness and Muscle Spindle Sensitivity in the Triceps Surae"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Tracey Covassin, MS, ATC \$2,500

Temple University

"Gender Differences and Neuropsychological Impairments in Collegiate Athletes"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Jeffrey B. Dribban, ATC, CSCS

Temple University

"The Transient Electrical Properties of Muscle Tissue Immediately Following Injury"

\$1,000

Osternig Master's Research Grant Program

Phillip Gribble, MA, ATC \$2,500

Pennsylvania State University

"The Effects of Fatigue and Chronic Ankle Instability on Dynamic Postural Control"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Ayako Habu, BS, ATC \$995.60

University of Pittsburgh

"Fatigue and Sex Differences on Lower Extremity Kinematics During a Single Legged Stop-Jump Task"

Osternig Master's Research Grant Program

Mark Hoffman, PhD, ATC

Oregon State University

"The Effects of Estrogen on Motoneuron Activity and Knee Joint Laxity"

\$66,225

General Research Grant Program

J. Ty Hopkins, PhD, ATC

Illinois State University

"The Effects of Knee Joint Effusion and Cryotherapy on Lower Chain Function"

\$30,443

General Research Grant Program

Keith J. Loud, MD

Children's Hospital Boston

"Predictors of Stress Fracture in Active Female Adolescents"

\$67,435

Bone and Joint Decade RFP

Jeanne F. Nichols, PhD & Denise Wiksten, PhD, ATC \$43,590

San Diego State University

"An Epidemiological Investigation of the Female Athlete Triad Among Female High School Athletes"

General Research Grant Program

Marc F. Norcross, BS, ATC-L \$1,000

University of North Carolina at Chapel Hill

"Electrical Stimulating Currents and the Effects on Serum Beta-Endorphin, Serum, Cortisol, and Pain Perception in Experimentally Induced DOMS"

Osternig Master's Research Grant Program

Anthony B. Piegaro, Jr., BS \$1,000

West Virginia University

"The Comparative Effects of Six-Week Core Stabilization and Balance Training Programs on Semidynamic and Dynamic Balance"

Osternig Master's Research Grant Program

Mitchell J. Rauh, PhD, PT, MPH

San Diego State University

"High School Sports Injury Patterns Among Girls: Trends and Risk Factors"

\$17,603

General Research Grant Program

Scott E. Ross, MA, ATC \$2,480

University of North Carolina at Chapel Hill

"A Comparison Between Static and Dynamic Postural Stability in Functionally Stable and Unstable Ankles"

Doctoral Research Grant Sponsored by the Proctor & Gamble Company

Eric Sauers, PhD, ATC, CSCS \$40,330

Arizona School of Health Sciences

"Acute and Chronic Adaptations in the Throwing Shoulder of Professional Baseball Players with Implications Concerning Injury"

General Research Grant Program

Thomas Weidner, PhD, ATC/L & Jolene Henning, PhD, ATC/L

Ball State University

"The Development and Assessment of Standards and Criteria for the Selection, Training, and Evaluation of Athletic Training Approved Clinical Instructions"

\$27,018

General Research Grant Program

Danielle R. Wilderman, BS, ATC/L \$944

University of North Carolina at Chapel Hill

"Analysis of Amplitude, Onset Time, and Co-Activation Ratio of the Hamstrings and Quadriceps During a Side-Step Cut in Agility Trained Basketball Players"

Osternig Master's Research Grant Program

2001 (13 grants totaling \$270,020.20)

Steven P. Broglio, BA, ATC University of Pittsburgh

"The Efficacy of Soccer Headgear"

\$1,000

Osternig Master's Research Grant Program

Christine Douglas, BA, ATC \$ 778.70

University of Florida

"Magnets Used for Delayed Onset Muscle Soreness and the Reduction of Pain and Swelling"

Osternig Master's Research Grant Program

Jill W. Lassiter, ATC \$ 746

State University of New York College at Brockport

"A Survey of Coaches' Knowledge, Attitudes, Skills and Behaviors Regarding the Female Triad Athlete"

Osternig Master's Research Grant Program

James A. Onate, MA, ATC/L \$ 2,420

University of North Carolina at Chapel Hill

"The Effects of Various Forms of Augmented Feedback on Reducing Jump-Landing Forces"

Doctoral Research Grant Sponsored by the Procter & Gamble Company

Christopher M. Powers, PhD, PT \$ 52,501

University of Southern California

"Biomechanical and Neuromuscular Aspects of Non-Contact ACL Injuries: The Influence of Gender, Experience and Training"

General Research Grant Program

Jeffrey A. Sullivan, MA, ATC \$ 2,500

Oregon State University

"A Comparison of Objective and Subjective Measures of Glenohumeral Joint Function Following Thermal and Open Capsulorrhaphy"

Doctoral Research Grant Sponsored by the Procter & Gamble Company

Buz Swanik, PhD, ATC & Kathleen A. Swanik, PhD, ATC

Temple University

"EMG and Kinematic Analysis of Drop Jumps from an Unknown Height"

\$41,221

General Research Grant Program

Erik E. Swartz, PhD, ATC \$ 8,632

University of New Hampshire

"Head Movement and Hand Placement Patterns Associated with Various Face Mask Removal Tools"

General Research Grant Program

Erik E. Swartz, PhD, ATC \$ 34,223
University of New Hampshire
"Non-Contact Anterior Cruciate Ligament Injuries in Females"
General Research Grant Program

Giampietro Vairo, BS, ATC \$ 1,000
University of Pittsburgh
"Neuromuscular Landing Performance Subsequent Ipsilateral Semitendinosus and Gracilis Autograft Anterior Cruciate Ligament Reconstruction"
Osternig Master's Research Grant Program

Noah J. Wasielewski, MS, ATC, CSCS \$ 2,500
University of Oregon
"Predictors of Functional Outcome Following Anterior Cruciate Ligament Reconstruction"
Doctoral Research Grant Sponsored by the Procter & Gamble Company

Steven M Zinder, MS, ATC \$ 2,500
University of Virginia
"The Effect of Ankle Orthoses on Effective Ankle Stiffness in Functionally Unstable and Normal Ankles"
Doctoral Research Grant Sponsored by the Procter & Gamble Company

2000 (6 grants totaling \$211,400)

Douglas J. Casa, PhD, ATC, CSCS
University of Connecticut
"Influence of Creatine Use on Exercise Heat Tolerance in Dehydrated Athletes"
\$39,191
General Research Grant Program

Thomas Kohl, MD & Russell Emrich, MD
Reading Hospital and Medical Center
"Are There Carriers of Ringworm Among Competitive Wrestlers?"
\$14,926
General Research Grant Program

Robert Malina, PhD
Michigan State University
"Incidence and Player Risk Factors for Injury in Youth Football"
\$47,158
General Research Grant Program

Thomas McLoughlin, MA, ATC
University of Toledo
"The Effect of Monophasic High Voltage Stimulation on Markers of Muscle Injury"
\$2,500
Doctoral Research Grant Sponsored by Active Ankle Systems, Inc.

Mark A. Merrick, PhD, ATC
Indiana State University
"An Examination of Mitochondrial Function Following Crush Injury"
\$47,625

General Research Grant Program

John W. Powell, PhD, ATC

Michigan State University

"Medical Coverage Needs of Student-Athletes in a Collegiate Setting"

\$245,030

General Research Grant Program

1999 (6 grants totaling \$117,387)

Reed Ferber, MS, ATC, CAT(C) \$ 2,500

University of Oregon

"Gait Perturbation Response in Pre and Post ACL Surgical Subjects and Healthy Individuals"

Doctoral Research Grant Sponsored by Active Ankle Systems, Inc.

Sheryl D. Finucane, PhD, PT \$ 48,811

Virginia Commonwealth University

"The Effect of Low-Intensity Ultrasound on Medial Collateral Ligament Healing in Rabbits"

General Research Grant Program

Kim Hannigan-Downs, MS, ATC

Oregon State University

"Radiographic Validation and Reliability of Selected Clinical Measures of Pronation"

\$2,500

Doctoral Research Grant Sponsored by Active Ankle Systems, Inc.

Jeffrey A. Potteiger, PhD \$ 11,980

University of Kansas Center for Research

"Effects of Creatine Supplementation on Anterior Compartment Pressure During Rest and Exercise"

General Research Grant Program

William A. Romani, PhD, PT, ATC \$ 16,389

University of Maryland at Baltimore

"The Effect of Endogenous Estradiol Levels at Three Phases of the Menstrual Cycle on Anterior Cruciate Ligament Stiffness in Active Females"

General Research Grant Program

Sandra J. Shultz, PhD, ATC & David H. Perrin, PhD, ATC \$ 35,207

University of Virginia

"The Influences of Lower Extremity Limb Alignment on Neuromuscular Timing and Activation Patterns"

General Research Grant Program

1998 (10 grants totaling \$135,531)

Paul DeVita, PhD

East Carolina University

"Knee Joint Forces While Walking With and Without a Functional Knee Brace in Recent ACL-Reconstructed Subjects"

\$20,974

General Research Grant Program

Mary Ann Erickson, EdD, ATC \$ 1,275

University of New Mexico

"Contributors to First Time Success Rate on the National Athletic Trainer's Board of Certification Exam as Perceived by Candidate Sponsors"

General Research Grant Program

A. Louise Fincher, EdD, ATC, LAT \$ 16,689

Joe W. King Orthopedic Institute

"The Effect of Arthroscopic Cold Irrigation Solution on Postoperative Pain and Swelling in the Knee"

General Research Grant Program

Paul Fiolkowski, MA, ATC

University of Florida

"The Effects of Athletic Footwear on Gait Kinetics and Kinematics in Running"

\$2,500

Doctoral Research Grant Sponsored by Active Ankle Systems, Inc.

Lori Michener, MEd, ATC, PT \$ 2,500

University of Pennsylvania

"Relationships Between Impairments, Three Dimensional Kinematics, and Self-Report in Patients with Subacromial Impingement"

Doctoral Research Grant Sponsored by Active Ankle Systems, Inc

Louis R. Osternig, PhD, ATC

University of Oregon

"Joint Power Adaptations to Anterior Cruciate Ligament Deficiency and Replacement"

\$13,426

General Research Grant Program

Frank M. Perna, EdD \$ 23,075

West Virginia University

"Psychological Distress and Coping Following Athletic Injury Among Children and Adults: Impact Upon Rehabilitation"

General Research Grant Program

Michael E. Powers, MS, ATC, CSCS \$ 33,292

University of Virginia

"The Effects of Creatine Supplementation on Intracellular and Extracellular Water Content"

General Research Grant Program

James Slauterbeck, MD & Steve Fuzie, PT, ATC \$ 15,400

Texas Tech University Health Sciences Center

"The Effects of Hormone Levels in Female Athletes on the Frequency of Anterior Cruciate Ligament Injury"

General Research Grant Program

Thomas Weidner, PhD, ATC \$ 6,400

Ball State University

"Selection and Evaluation of Guidelines for Clinical Education Settings in Athletic Training"

General Research Grant Program

1997 (13 grants totaling \$124,336)

Marchell Austin, MS, ATC
US Military Academy
"Factors Affecting Perceived Continuing Education Needs of Certified Athletic Trainers"
\$3,800

General Research Grant Program

Anna T. Brockmeyer, MS, ATC
University of Oregon
"Filling the Gap: Seminar Series for the Aging Athlete"
\$3,500

General Research Grant Program

Susan Foreman, MPT, ATC \$ 9,004
University of Virginia
"The Effect of Phonophoresis with an Occlusive Dressing on the Absorption of Dexamethasone in Humans"
General Research Grant Program

J. Hertel, MEd, ATC
Penn State University
"Alteration of Foot Center of Pressure Following Lateral Ankle Sprain"
\$2,500
Doctoral Research Grant Sponsored by Active Ankle Systems, Inc.

Mark Hoffman, ATC \$ 5,515
Indiana University
"Sensorimotor Evaluation of Post-Operative Anterior Cruciate Ligament Reconstruction Patients"
General Research Grant Program

Lennart Johns, PhD, ATC
University of Wisconsin
"Effect of Ultrasound on Spleenocytes and Lymphokine Production"
\$27,532
General Research Grant Program

Robert S. Charles Liscombe, ATC & William F. Brechue, PhD \$ 6,370
Indiana University
"The Effects of Acupressure on Exercise-Induced Delayed Onset Muscle Soreness and Muscle Function Following Eccentric Exercise"
General Research Grant Program

Stephen Johnson, PhD \$ 4,120
Orthopedic Biomechanics Institute of Arizona
"Determination of Patellofemoral Joint Reaction Forces as Function of Cadence and Step Sequence during Low Impact Stepping Exercise"
General Research Grant Program

William A. Romani, PhD, PT, ATC & David Perrin, PhD, ATC
University of Virginia
"Efficacy of Continuous Ultrasound in the Diagnosis of Tibial Stress Fractures"
General Research Grant Program

Michelle Sandrey, PhD, ATC
Indiana State University
"The Effect of Electromagnetic Fields on Chemically-Induced Tendinitis in Rats"
\$8,607

General Research Grant Program

Sandra Shultz, MS, ATC & David Perrin, PhD, ATC \$ 18,281
University of Virginia
"Neuromuscular Response Characteristics in Males and Females following Perturbance of the Knee"
General Research Grant Program

Denise Wiksten, PhD, ATC \$ 3,450
San Diego State University
"Evaluating the Effectiveness of Instructional Methods in Athletic Training Education"
General Research Grant Program

1996 (9 grants totaling \$69,563)

David Draper, EdD, ATC \$ 12,925
Brigham Young University
"Effect of Various Qualities of Ultrasound Crystals on Muscle Temperature and Patient Comfort"
General Research Grant Program

Gale Gehlsen, PhD & Thomas Weidner, EdD, ATC \$ 7,405
Ball State University
"The Effects of Knee Joint Reaction Force Characteristics during a Selected Closed Chain Exercise"
General Research Grant Program

Aimee Gunnoe, ATC \$ 1,000
University of Florida
"A Study of the Relationship between Life Events and Incidence of Injury in High School Football"
General Research Grant Program

Gary Harrelson, EdD, ATC \$ 1,670
University of Alabama
"An Assessment of Learning Preferences Among Undergraduate Athletic Training Students"
General Research Grant Program

Catherine O'Connor, MD, ATC
Amherst College
"Brachial Plexus Injury (Burners) in Collegiate Football Players: A Prospective Study"
\$10,115
General Research Grant Program

Lynn Snyder-Mackler, ScD, ATC, PT
University of Delaware
"Muscle Performance and Functional Outcome after ACL Injury"
\$40,570
General Research Grant Program

Masaaki Tsuruie, MS, ATC
Indiana University
"Stretch Reflex and Knee Extensor Strength Deficit Due to ACL Reconstruction"
\$3,500

General Research Grant Program

1995 (4 grants totaling \$36,245)

Kenneth Eaves, MS, ATC
University of Florida
"The Effects of Four Prophylactic Ankle Supports on the Athletic and Functional Abilities in Chronically Unstable Ankles"
\$1,000

General Research Grant Program

Scott Lephart, PhD, ATC \$ 14,235
University of Pittsburgh
"The Effects of Neuromuscular Control Exercises on Functional Stability in Unstable Shoulders"

General Research Grant Program

John Miller, PhD, ATC
University of New Hampshire
"Effect of Physical Activity on Knee Brace Migration"
\$6,010

General Research Grant Program

Dave H. Perrin, PhD, ATC & K. M. Guskiewicz, PhD, ATC
University of Virginia & University of North Carolina
"Effect of Mild Brain Injury on Cognition and Postural Stability"
\$25,000

General Research Grant Program

1994 (4 grants totaling \$21,455)

David R. Black, PhD & L. T. Leverenz
Purdue University
"Multicenter Study to Evaluate a Screening Test for Athletes with Disordered Eating"
\$16,337

General Research Grant Program

R. T. Floyd, EdD, ATC, CSCS & K. Wright, DA, ATC \$ 4,588
Livingston University
"An Assessment of Sports Medicine Supervision in Southeastern United States Secondary Schools"
\$4,588

General Research Grant Program

Dawn T. Gulick, PhD, PT, ATC & I. Kimura, PhD, PT, ATC & Mike Sitler, PhD, ATC
Temple University
"Treatment of Delayed Onset Muscle Soreness"
\$4,685

General Research Grant

C. L. Moss, EdD, ATC
Bowling Green State University
"Entry Level Salaries for Athletic Trainers"
\$1,180

General Research Grant Program

1993 (2 grants totaling \$3,708)

Guy Simoneau, PhD, ATC, PT
Marquette University
"Quantification of Ankle Proprioception in the Normal and Injured Ankle"
\$2,665

General Research Grant Program

Andrew Winterstein, ATC \$ 1,043
University of Wisconsin
"Organizational Commitment and Job Satisfaction among Head Athletic Trainers"

General Research Grant Program

1992 (2 grants totaling \$13,966)

Vickie Graham, MS, ATC
Ball State University
"EMG Evaluation of Closed and Open Kinetic Chain Knee Rehabilitation Exercises"
\$3,062

General Research Grant Program

Rod A. Harter, PhD, ATC & G. A. Smith
Oregon State University
"Three Dimensional Kinematic Analysis of The Effects of Ankle Prophylactic Devices on Dynamic Ankle and Subtalar Joint Motions"
\$ 10,904

General Research Grant Program

1991 (3 grants totaling \$11,084)

Mike Anderson
University of Oklahoma
"Effects of Eccentric Hamstring Training and Agility Training on Agility and Incidence of Hamstring Strains"
\$7,840

General Research Grant Program

M. B. Johnson
San Diego State University
"Displacement Angle and Electromyographic Response of Peroneal and Anterior Tibialis Muscles in Lateral Sprains"
\$ 2,044

General Research Grant Program

A.W. Watson \$ 1,200
Tarleton State University
"Professional Preparation Activities for the Student Athletic Trainer in a Collegiate Athletic Training Internship Setting"

\$ 1,200

General Research Grant Program