



# Grant Recipient Listing

**361 Grants Awarded through June 2021  
Totaling \$5,171,815.17**

## **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 stroboscopic 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 neuromechanics, 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, Copers, 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: ReBounce 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 Aminika, 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 Seibert, 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  
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*

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 Procter & Gamble Company***

Tracey Covassin, MS, ATC \$2,500

Temple University

"Gender Differences and Neuropsychological Impairments in Collegiate Athletes"

***Doctoral Research Grant Sponsored by the Procter & 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 Procter & 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. Piegario, 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 Tsuruike, 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  
Tarlton State University  
"Professional Preparation Activities for the Student Athletic Trainer in a Collegiate Athletic Training Internship Setting"  
\$ 1,200

*General Research Grant Program*