



Grant Recipient Listing

**335 Grants Awarded through July 2019
Totaling \$4,856,551.17**

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 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 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
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 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. 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