

Curriculum Vita

Riann M. Palmieri-Smith, Ph.D., ATC

Work Address:

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EDUCATIONAL BACKGROUND

Doctor of Philosophy

University of Virginia, Charlottesville, VA
Conferred: January 2004
Major Area: Sports Medicine/Athletic Training
Dissertation: *The neuroendocrine response and spinal inhibitory processes involved in arthrogenic muscle response following an experimental knee joint effusion.*

Indiana State University, Terre Haute, IN
Dates Attended: August 2000- May 2002
Major Area: Life Sciences with a specialization in Sports Medicine

Master of Science

Indiana State University, Terre Haute, IN
Conferred: December 2000
Major Area: Athletic Training
Thesis: *Prolonged Ankle Brace Application Does Not Affect the Spectral Qualities of Postural Sway*

Bachelor of Science

California University of Pennsylvania, California, PA
Conferred: May 1999
Major Area: Athletic Training

PROFESSIONAL EXPERIENCE

Assistant Professor in Athletic Training

Adjunct Assistant Professor in Movement Science & Orthopaedics *August 2004-present*

University of Michigan, Ann Arbor, Michigan

Responsibilities include assisting the athletic training education program director in administering the University of Michigan's accredited undergraduate athletic training program. Additional responsibilities include contributing to instruction, scholarship, and service Division of Kinesiology.

Director, Athletic Training Education Program

August 2004-August 2006

University of Michigan, Ann Arbor, Michigan

Responsible for administering all aspects of University of Michigan's accredited undergraduate athletic training education program. Responsibilities include but are not limited to: curriculum evaluation and development, securing off campus clinical sites, placement of students at clinical sites, interaction with clinical supervisors, and evaluation of student progress. Additional responsibilities include contributing to instruction, scholarship, and service Division of Kinesiology.

Assistant Professor in Sports Medicine/Athletic Training

January 2004- August 2004

Acting Assistant Professor in Sports Medicine/Athletic Training

August 2003 – January 2004

University of Virginia, Charlottesville, Virginia

Responsibilities included contributing to instruction, scholarship, and service in the master's level athletic training and doctoral level sports medicine programs. Additional responsibilities included assisting the program director in curriculum development, placement of students at clinical sites, interaction with clinical supervisors, student performance evaluation, and student recruitment and selection.

Doctoral Fellow in Sports Medicine/Athletic Training

August 2002 – July 2003

University of Virginia, Charlottesville, Virginia

Responsibilities included contributing to instruction and scholarship in the master's level athletic training program. Additional responsibilities included acting as a research assistant in the Sports Medicine/Athletic Training Research Laboratory.

Doctoral Fellow in Life Science/Athletic Training

August 2000 – June 2002

Indiana State University, Terre Haute, Indiana

Responsibilities included contributing to instruction and scholarship in the master's level athletic training program. Additional responsibilities included acting as a research assistant in the Sports Injury Research Laboratory and serving as an approved clinical instructor in the undergraduate curriculum.

Graduate Assistant Athletic Trainer

July 1999 - July 2000

Indiana State University, Terre Haute, Indiana

Responsibilities included providing athletic training services for NCAA Division I football and baseball. Additional responsibilities included supervising and mentoring undergraduate athletic training students, organization of student athletic trainers' clinical rotations, and serving as a research assistant in the Sports Injury Research Laboratory.

Research Assistant

August 1997 to May 1999

West Virginia University, Morgantown, West Virginia

Assisted a research team with a study that had been funded by the West Virginia University Research Corporation and the NATA Research & Education Foundation. Collected and entered data, and acted as a liaison between the research team and the athletes participating in the research investigation.

TEACHING

University of Michigan, Department of Athletic Training, Ann Arbor, MI

Undergraduate Courses

- AT 260** Introduction to Athletic Training
- AT 360** Prevention & Care of Athletic Injuries
- AT 210** Clinical Evaluation of Upper Extremity Athletic Injuries

University of Virginia, Department of Human Services, Charlottesville, VA

Undergraduate Courses

- EDHS 354** Neuromechanical Basis of Human Movement
- EDHS 451** Emergency Medical Care
- EDHS 451L** Emergency Medical Care Laboratory
- EDHS 544-1** Athletic Injuries
- EDHS 544-2** Athletic Injuries Laboratory

Graduate Courses

- EDHS 750** Practicum in Sports Medicine
- EDHS 841** Orthopaedic Basis of Rehabilitation
- EDHS 850** Seminar: Current Topics in Athletic Training
- EDHS 950** Doctoral Seminar in Kinesiology

Indiana State University, Athletic Training Department, Terre Haute, IN

Undergraduate Courses

- ATTR 210** Introduction to Analysis of Human Motion
- ATTR 212** Athletic Training and Emergency First Aid Lab
- ATTR 363** Athletic Injury Evaluation: Lower Extremity
- ATTR 365** Athletic Injury Evaluation: Upper Extremity
- ATTR 475** Therapeutic Exercise

Graduate Courses

- ATTR 662** Athletic Trauma: Upper Extremity

CURRICULUM DEVELOPMENT

Undergraduate Courses Developed and Implemented

- AT 375 Pathophysiology for the Allied Health Professions
- AT 420 Pharmacology for the Allied Health Professions
- AT 458 Clinical Evaluation of Upper Extremity Athletic Injuries
- AT 459 Clinical Evaluation of Upper Extremity Athletic Injuries Laboratory

SCHOLARSHIP

PUBLISHED MANUSCRIPTS

Bowman TG, **Palmieri-Smith RM**. Humeral Head Epiphyseal Plate Fracture in a Collegiate Track and Field Decathlete: A Case Study. *J Sport Rehabil*. 2008; 17(1): 76-83.

Berg CL, Hart JM, Cross KM, **Palmieri-Smith RM**, Ingersoll CD. Cryotherapy Does Not Effect Peroneal Reaction Following Sudden Inversion. *J Sport Rehabil*. 2007; 16(4): 285-294

Palmieri-Smith RM, Kreinbrink J, Ashton-Miller JA, Wojtys EM. Quadriceps inhibition induced by an experimental knee joint effusion affects knee joint mechanics during a single-legged drop landing. *American Journal of Sports Medicine*. 2007; 35(8): 1269-1275.

Hart JM, Garrison JC, Kerrigan DC, **Palmieri-Smith RM**, Ingersoll CD. Gender Differences In Gluteus Medius Muscle Activity Exist In Soccer Players Performing A Forward Jump. *Research in Sports Medicine*. 2007 Apr-Jun;15(2):147-55.

Agel J, **Palmieri-Smith RM**, Dick R, Wojtys EM, Marshall SW. Descriptive epidemiology of collegiate women's volleyball injuries: national collegiate athletic association injury surveillance system, 1988-1998 through 2003-2004. *Journal of Athletic Training*. 2007; 42: 295-302.

Palmieri-Smith RM, Leonard JL, Garrison, JC, Weltman AL, Ingersoll CD. Peripheral joint cooling increases spinal reflex excitability and serum norepinephrine. *International Journal of Neuroscience*. 2007; 117:229-42.

Bowman TG, Hart JM, **Palmieri RM**, McGuire BA, Ingersoll CD. A functional fatiguing protocol and deceleration time of the shoulder from an internal rotation perturbation. *Journal of Athletic Training*. 2006; 41: 275-279.

Russell KA, **Palmieri RM**, Zinder SM, Ingersoll CD. Gender differences in valgus knee angle during a single-leg landing. *Journal of Athletic Training*. 2006;41:166-171.

Palmieri RM, Garrison JC, Leonard JL, Weltman AL, Edwards JE, Ingersoll CD. The effects of focal ankle joint cooling on local and core temperature. *Journal of Athletic Training*. 2006;41: 185-188.

Sowers MF, Jannausch ML, Gross M, Karvonen CA, **Palmieri RM**, Crutchfield M, Richards-McCullough K. Performance-based Physical Functioning in African American and Caucasian Women at Mid-Life: Considering Body Composition, Leg Strength, and Knee Osteoarthritis. *American Journal of Epidemiology*. 2006;163:950-8.

McVey ED, **Palmieri RM**, Docherty CL, Zinder SM, Ingersoll CD. Arthrogenic muscle inhibition is present in patients exhibiting functional ankle instability. *Foot and Ankle International*. 2005;26(12): 1055-1061.

Garrison JC, Hart JM, **Palmieri RM**, Kerrigan DC, Boxer J, Ingersoll CD. Comparison of knee joint moments in male and female college soccer players during a single-leg landing. *Journal of Sport Rehabilitation*. 2005;14(4): 332-337.

Palmieri RM, Tom JA, Weltman AL, Edwards JE, Saliba EN, Mistry DJ, Ingersoll CD. Pre-synaptic modulation of quadriceps arthrogenic muscle inhibition. *Knee Surgery Sports Traumatology and Arthroscopy*. 2005;13:370-6.

Palmieri RM and Ingersoll CD. Intersession reliability of a protocol to assess paired reflex depression in the vastus medialis. *International Journal of Neuroscience*. 2005;115: 735-40.

Garrison JC, Hart JM, **Palmieri RM**, Kerrigan DC, Ingersoll CD. Lower extremity EMG does not differ between male and female collegiate soccer players during single-leg landing. *Journal of Sport Rehabilitation*. 2005;14: 48-57.

Palmieri RM, Tom JA, Weltman AL, Edwards JE, Saliba EN, Mistry DJ, Ingersoll CD. Soleus arthrogenic muscle response induced by an experimental knee joint effusion is mediated by pre- and post-synaptic spinal mechanisms. *Journal of Electromyography and Kinesiology*. 2004; 14: 631-640.

Palmieri RM, Ingersoll CD, Hoffman MA. The Hoffmann Reflex: Methodological considerations and applications for use in sports medicine research. *Journal of Athletic Training*. 2004; 39: 268-277.

Palmieri RM, Weltman AL, Tom JA, Edwards JE, Saliba EN, Mistry DJ, Ingersoll CD. Plasma catecholamine concentration is not related to the soleus arthrogenic muscle response induced by an experimental knee joint effusion. *Neuroscience Letters*. 2004; 366: 76-79.

Stone MB, **Palmieri RM**, Ingersoll CD. The Role of Nonsteroidal Anti-inflammatory Drugs for the Treatment of Delayed Onset Muscle Soreness in Sport. *International SportMed Journal*. 2004; 8: 147-154.

Palmieri RM, Ingersoll CD, Hoffman MA, Cordova ML, Porter DA, Edwards JE, Babington JP, Krause BA, Stone MB. Arthrogenic muscle response to a simulated ankle joint effusion. *British Journal of Sports Medicine*. 2004; 38:26-30.

Hopkins JT and **Palmieri RM**. Effects of ankle joint effusion on lower leg function. *Clinical Journal of Sports Medicine*. 2004; 4:1-7.

Palmieri RM, Ingersoll CD, Edwards JE, Hoffman MA, Stone MB, Babington JP, Cordova ML. Arthrogenic muscle inhibition is not present in the limb contralateral to a simulated knee joint effusion. *American Journal of Physical Medicine and Rehabilitation*. 2003; 82:910-916.

Stone MB, Stemmans CA, Edwards JE, Ingersoll CD, **Palmieri RM**, Krause BA. Certified athletic trainers' perception of exercise associated muscle cramps. *Journal of Sport Rehabilitation*. 2003; 12:333-342.

Stone MB, Vaughan MA, Ingersoll CD, Edwards JE, Babington JP, **Palmieri RM**, Cordova ML, Krause BA. A single dose of ginkgo biloba does not affect soleus motoneuron pool excitability. *Journal of Strength and Conditioning Research*. 2003; 17: 587-589.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ, Stone MB, Krause BA. Artificial knee joint effusion improves postural steadiness in healthy subjects. *Archives of Physical Medicine and Rehabilitation*. 2003; 84: 1076-1079.

Stone MB, Edwards JE, Ingersoll CD, Babington JP, **Palmieri RM**. Intrasession and intersession reliability of an electrical method to induce muscle cramp. *Muscle & Nerve*. 2003;1:122-123.

Hoffman MA, **Palmieri RM**, Ingersoll CD. Simultaneous Hoffmann reflex measurements in multiple muscles around the ankle. *International Journal of Neuroscience*. 2003; 113: 39-46.

Ingersoll CD, **Palmieri RM**, Hopkins JT. A Joint Dilemma. *Rehabilitation Management*. 2003;16:38-42.

Palmieri RM, Ingersoll CD, Stone MB, Krause BA. Center-of-pressure parameters used in the assessment of postural control. *Journal of Sport Rehabilitation*. 2002;11: 51-66.

Palmieri RM, Hoffman MA, Ingersoll CD. Intersession reliability for H-reflex measurements arising from the soleus, peroneal, and tibialis anterior musculature. *International Journal of Neuroscience*. 2002; 112: 841-850.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ. Prolonged ankle brace application does not affect the spectral qualities of postural control. *Journal of Athletic Training*. 2002;37:269-274.

Cordova ML, Ingersoll CD, **Palmieri RM**. Efficacy of prophylactic ankle support: An experimental perspective. *Journal of Athletic Training*. 2002; 37: 458-462.

MANUSCRIPTS IN PRESS

Palmieri-Smith RM, Thomas AC, Wojtys EM. Maximizing Quadriceps Function after ACL reconstruction. *Clinics In Sports Medicine*. (Invited)

Palmieri-Smith RM, Wojtys EM, Ashton-Miller JA. Association between preparatory muscle activation and peak knee valgus angle. *Journal of Electromyography & Kinesiology*.

Hart JM, Garrison JC, **Palmieri-Smith RM**, Kerrigan DC, Ingersoll CD. Lower Extremity Joint Moments of Collegiate Soccer Players Differ Between Genders During a Forward Jump. *Journal of Sport Rehabilitation*.

MANUSCRIPTS IN REVIEW

Palmieri-Smith RM, McLean SG, Ashton-Miller JA, Wojtys EM. Lateral quadriceps and hamstring co-contraction contributes to greater knee abduction loads in females. *Journal of Athletic Training*.

Thomas A, McLean SG, **Palmieri-Smith RM** (mentor). Isolated Quadriceps and Hamstrings Fatigue Alters Hip and Knee Mechanics.

Sciebek JS, Mell AG, Carpenter JE, **Palmieri-Smith RM**, Downie BK, Hughes RE. Impact of Pain on Shoulder Elevation Velocity in Patients with Rotator Cuff Tears. *Journal of Shoulder & Elbow Surgery*.

MANUSCRIPTS IN PROGRESS

Palmieri-Smith RM and Hopkins JT. Arthrogenic muscle inhibition is related to muscle activation patterns in patients with functional ankle instability.

Hopkins JT and **Palmieri-Smith RM**. Musculotendinous stiffness is altered in patients with functional ankle instability.

McLean SG and **Palmieri-Smith RM**. Fatigue-Induced Adaptations in Central Control Increases the Risk of Non-Contact ACL Injury.

Brown TN, **Palmieri-Smith RM**, McLean SG. Anticipation time does not impair landing mechanics – Implications for Non-Contact ACL Injury.

Thomas AC, **Palmieri-Smith RM**, McLean SG. Isolated Hip and Ankle Fatigue has minimal impact on lower limb mechanics.

Palmieri-Smith RM, Collela M, Brown TN, McLean SG. The effects of an education training intervention on risk factors for ACL injury.

Palmieri-Smith RM, LeBlanc MJ, Wojtys EM, Ingersoll CD, Cordova ML. Quadriceps strength following ACL reconstruction: a meta-analysis.

Palmieri-Smith RM and Thomas AC. Neuromuscular mechanisms of post-traumatic osteoarthritis. *Exercise Science and Sport Reviews (Invited)*

PUBLISHED ABSTRACTS

Palmieri-Smith RM, Wojtys EM, Ashton-Miller JA. Association between preparatory muscle activation and peak valgus knee angle. *Journal of Athletic Training*. 2007;42:S-77.

Cordova ML, LeBlanc MJ, Ingersoll CD, Wojtys EM, **Palmieri-Smith RM**. Quadriceps and hamstrings muscle strength following ACL reconstruction: A meta-analysis of patellar tendon vs. semitendinosus tendon grafts. *Journal of Athletic Training*. 2007;42:S-85.

Bowman TG, Hart JM, **Palmieri RM**, McGuire BA, Ingersoll CD. A repetitive throwing exercise protocol increases deceleration time from an internal rotation perturbation. *Journal of Athletic Training*. 2006;41:S-20.

Scibek JS, Hughes RE, Carpenter JE, **Palmieri RM**, Brown SHC, Namesnik KT. Observed changes in scapulohumeral rhythm and movement velocity in rotator cuff tear patients following a subacromial injection. *Journal of Athletic Training*. 2006;40:S-35.

Palmieri RM, Garrison JC, Leonard JL, Weltman A, Ingersoll CD. Peripheral joint cooling increases spinal reflex excitability and serum norepinephrine. *Journal of Athletic Training*. 2006;41:S-44.

Silcox KM, Garrison JC, **Palmieri RM**, Fujiwara L, Ingersoll CD. Plyometric training alters hamstring activity during a landing task. *Journal of Athletic Training*. 2006;40:S-69.

Weniger GR, Leonard JL, **Palmieri RM**, Saliba EN, Ingersoll CD. A two-week static stretching program does not decrease quadriceps muscle inhibition in patients with patellofemoral pain syndrome. *Journal of Athletic Training*. 2006;40:S-87.

Swaney MR, McVey ED, **Palmieri RM**, Parente WR, Ingersoll CD. Core stabilization training does not increase ball velocity or number of pitches thrown in overhead athletes. *Journal of Athletic Training*. 2006;40:S-88.

Aumann KB, Hart JM, **Palmieri RM**, Kerrigan DC, Ingersoll CD. Hip flexor fatiguing exercise does not affect lumbar forward lean in males with and without a history of low back pain. *Journal of Athletic Training*. 2006;40:S-105.

Berg CL, Hart JM, **Palmieri RM**, Cross KM, Ingersoll CD. Cryotherapy does not affect peroneal reaction time following sudden inversion. *Journal of Athletic Training*. 2005;40:S-36.

Tobianski NA, Livingston SC, **Palmieri RM**, Barth JT, Ingersoll CD. Soccer headgear increases peak acceleration of the head during purposeful heading. *Journal of Athletic Training*. 2005;40:S-43.

Golofski L, Garrison JC, **Palmieri RM**, Weltman A, Ingersoll CD. Differences in ACL stiffness at two points in the menstrual cycle in women taking oral contraception and women not taking oral contraception. *Journal of Athletic Training*. 2005;40:S-117.

Oliver CL, Leonard JL, **Palmieri RM**, McGuire B, Ingersoll CD. Wrist flexor strength is not related to ulnar collateral ligament strain. *Journal of Athletic Training*. 2005;40:S-117.

Ingersoll CD, Weltman A, Edwards JE, Tom JA, Saliba EN, Mistry DJ, **Palmieri RM** (2004). An experimental knee joint effusion does not affect plasma catecholamine concentration. *Medicine & Science In Sports & Exercise*. 2004; 36:S-301.

Garrison JG, Ingersoll CD, Hart J, **Palmieri RM**, Boxer J. Comparison of knee joint moments in male and female varsity collegiate soccer players during a single-leg landing. *Medicine & Science In Sports & Exercise*. 2004; 36:S-347.

Palmieri RM, Tom JA, Edwards JE, Weltman A, Saliba EN, Mistry DJ, Ingersoll CD (2004). Soleus arthrogenic muscle response is mediated by pre- and post-synaptic spinal mechanisms. *Medicine & Science In Sports & Exercise*. 2004; 36:S-165.

Palmieri RM, Weltman A, Edwards JE, Tom JA, Saliba EN, Mistry DJ, Ingersoll CD. Pre-synaptic modulation of quadriceps arthrogenic muscle inhibition. *Journal of Athletic Training*. 2004;39:S-70.

Ingersoll CD and **Palmieri RM**. Intersession reliability of a protocol to assess reflex activation history in the vastus medialis. *Journal of Athletic Training*. 2004;39:S-70.

McVey ED, **Palmieri RM**, Docherty CL, Zinder SM, Ingersoll CD. Arthrogenic muscle inhibition is present in patients exhibiting functional ankle instability. *Journal of Athletic Training*. 2004;39:S-7.

Russell KA, **Palmieri RM**, Zinder SM, Ingersoll CD. Knee Flexion Angle Increases Valgus Knee Angle and Surface Gluteus Medius EMG Activity During a Single Leg Drop Jump. *Journal of Athletic Training*. 2004;39:S-35.

Palmieri RM, Ingersoll CD, Edwards JE, Hoffman MA, Stone MB, Babington JP, Cordova ML, Krause BA. Arthrogenic muscle inhibition is not present in the limb contralateral to a simulated knee joint effusion. *Journal of Athletic Training*. 2003;38: S-35.

Campbell HL, Cordova ML, Ingersoll CD, Demchak TJ, **Palmieri RM**. A cryokinetics protocol does not affect quadriceps muscle fatigue. *Journal of Athletic Training*. 2003; 38: S-48.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Ankle ice immersion facilitates the soleus Hoffmann reflex and muscle response. *Journal of Athletic Training*. 2003;38: S-48.

Hopkins JT and **Palmieri RM**. Effects of ankle joint effusion on lower leg function. *Medicine & Science In Sports & Exercise*. 2003. 25: S-18.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, Stone MB, **Palmieri RM**. Focal temperature change facilitates the peak-peak soleus Hoffmann reflex and muscle response. *Medicine & Science In Sports & Exercise*. 2003. 25: S-24.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ, Stone MB, Krause BA. Artificial knee joint effusion improves postural steadiness. *Medicine & Science in Sports & Exercise*. 2002; 34: S-270.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Joint cryotherapy modulates the soleus Hoffmann reflex and muscle response. *Medicine & Science in Sports & Exercise*. 2002; 34: S-89.

Stone MB, Vaughan MA, Ingersoll CD, Edwards JE, Babington JP, **Palmieri RM**, Cordova ML, Krause BA. A single dose of ginkgo biloba does not affect soleus motoneuron pool excitability. *Medicine & Science in Sports & Exercise*. 2002; 34: S-232.

Palmieri RM, Ingersoll CD, Hoffman MA, Cordova ML, Porter DA, Edwards JE, Babington JP, Krause BA, Stone MB. Arthrogenic muscle response following artificial ankle joint effusion. *Journal of Athletic Training*. 2002; 37: S-25.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Knee joint cryotherapy facilitates the vastus medialis Hoffmann reflex and muscle response. *Journal of Athletic Training*. 2002; 37: S-25.

Stone MB, Stemmans CL, Edwards JE, Ingersoll CD, **Palmieri RM**, Krause BA. Certified athletic trainers' perceptions of exercise associated muscle cramp. *Journal of Athletic Training*. 2002; 37: S-84.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ. Prolonged ankle brace application does not affect the spectral qualities of postural sway. *Medicine & Science in Sports & Exercise*. 2001; 33: S-153.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Ankle joint and triceps surae muscle cooling produce similar changes in the soleus H:M ratio. *Journal of Athletic Training*. 2001; 36: S-50.

EDITORIALS

Palmieri RM. Leadership in the Academy: Junior Faculty as Program Directors. *Journal of Athletic Training*. 2005; 40: 4.

PRESENTATIONS

PAPERS PRESENTED:

Palmieri-Smith RM, Wojtys EM, Ashton-Miller JA. Association between preparatory muscle activation and peak valgus knee angle. Presented at the National Athletic Trainers' Association Annual Convention, Anaheim, CA, June 2007.

Cordova ML, LeBlanc MJ, Ingersoll CD, Wojtys EM, **Palmieri-Smith RM**. Quadriceps and hamstrings muscle strength following ACL reconstruction: A meta-analysis of patellar tendon vs. semitendinosus tendon grafts. Presented at the National Athletic Trainers' Association Annual Convention, Anaheim, CA, June 2007.

McIntyre E, Ahmed AA, Youkeun O, Kreinbrink JE, **Palmieri RM**, Wojtys EM, Ashton-Miller JA. On changes in hamstring length during a simulated jump landing: An in vitro study. Presented at the 40th American Society of Biomechanics Annual Meeting, Blacksburg, VA, September 2006.

Bowman TG, Hart JM, **Palmieri RM**, McGuire BA, Ingersoll CD. A repetitive throwing exercise protocol increases deceleration time from an internal rotation perturbation. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Scibek JS, Hughes RE, Carpenter JE, **Palmieri RM**, Brown SHC, Namesnik KT. Observed changes in scapulohumeral rhythm and movement velocity in rotator cuff tear patients following a subacromial injection. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Palmieri RM, Garrison JC, Leonard JL, Weltman A, Ingersoll CD. Peripheral joint cooling increases spinal reflex excitability and serum norepinephrine. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Silcox KM, Garrison JC, **Palmieri RM**, Fujiwara L, Ingersoll CD. Plyometric training alters hamstring activity during a landing task. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Weniger GR, Leonard JL, **Palmieri RM**, Saliba EN, Ingersoll CD. A two-week static stretching program does not decrease quadriceps muscle inhibition in patients with patellofemoral pain syndrome. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Swaney MR, McVey ED, **Palmieri RM**, Parente WR, Ingersoll CD. Core stabilization training does not increase ball velocity or number of pitches thrown in overhead athletes. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Aumann KB, Hart JM, **Palmieri RM**, Kerrigan DC, Ingersoll CD. Hip flexor fatiguing exercise does not affect lumbar forward lean in males with and without a history of low back pain. Presented at the National Athletic Trainers' Association Annual Convention, Atlanta, GA, June 2006.

Berg CL, Hart JM, **Palmieri RM**, Cross KM, Ingersoll CD. Cryotherapy does not affect peroneal reaction following sudden inversion. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 2005.

Tobianski NA, Livingston SC, **Palmieri RM**, Barth JT, Ingersoll CD. Soccer headgear increases peak acceleration of the head during purposeful heading. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 2005.

Golofski L, Garrison JC, **Palmieri RM**, Weltman A, Ingersoll CD. Differences in ACL stiffness at two points in the menstrual cycle in women taking oral contraception and women not taking oral contraception. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 2005.

Oliver CL, Leonard JL, **Palmieri RM**, McGuire B, Ingersoll CD. Wrist flexor strength is not related to ulnar collateral ligament strain. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 2005.

Palmieri RM, Tom JA, Edwards JE, Weltman A, Saliba EN, Mistry DJ, Ingersoll CD. Soleus arthrogenic muscle response is mediated by pre- and post-synaptic spinal mechanisms. Presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.

Ingersoll CD, Weltman A, Edwards JE, Tom JA, Saliba EN, Mistry DJ, **Palmieri RM**. An experimental knee joint effusion does not affect plasma catecholamine concentration. Presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.

Garrison JG, Ingersoll CD, Hart J, **Palmieri RM**, Boxer J. Comparison of knee joint moments in male and female varsity collegiate soccer players during a single-leg landing. Presented at the Annual Meeting of the American College of Sports Medicine, Indianapolis, IN, June 2004.

Palmieri RM, Weltman A, Edwards JE, Tom JA, Saliba EN, Mistry DJ, Ingersoll CD. Pre-synaptic modulation of quadriceps arthrogenic muscle inhibition. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 2004.

Ingersoll CD and **Palmieri RM**. Intersession reliability of a protocol to assess reflex activation history in the vastus medialis. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 2004.

McVey ED, **Palmieri RM**, Docherty CL, Zinder SM, Ingersoll CD. Arthrogenic muscle inhibition is present in patients exhibiting functional ankle instability. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 2004.

Russell KA, **Palmieri RM**, Zinder SM, Ingersoll CD. Knee Flexion Angle Increases Valgus Knee Angle and Surface Gluteus Medius EMG Activity During a Single Leg Drop Jump. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 2004.

Garrison JG, Ingersoll CD, Hart J, **Palmieri RM**, Boxer J. Female collegiate soccer players produce greater knee internal rotation moments than their male counterparts during a single-leg landing. Presented at the Combined Sections of the American Physical Therapy Association, Nashville, TN, February 2004.

Palmieri RM, Ingersoll CD, Tom JA, Weltman AL, Edwards JE, Saliba EN. The neuroendocrine response and spinal inhibitory processes involved in arthrogenic muscle response following an experimental knee joint effusion. Presented at the General Clinical Research Center Annual Symposium, Charlottesville, VA, October 2003.

Palmieri RM, Ingersoll CD, Edwards JE, Hoffman MA, Stone MB, Babington JP, Cordova ML, Krause BA. Arthrogenic muscle inhibition is not present in the limb contralateral to a simulated knee joint effusion. Presented at the National Athletic Trainers' Association Annual Convention, St. Louis, MO, June 2003.

Campbell HL, Cordova ML, Ingersoll CD, Demchak TJ, **Palmieri RM**. A cryokinetics protocol does not affect quadriceps muscle fatigue. Presented at the National Athletic Trainers' Association Annual Convention, St. Louis, MO, June 2003.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Ankle ice immersion facilitates the soleus Hoffmann reflex and muscle response. Presented at the National Athletic Trainers' Association Annual Convention, St. Louis, MO, June 2003.

Palmieri RM. Arthrogenic muscle inhibition: Implications in joint injury. Presented at the Arts and Sciences of Sports Medicine Conference, Charlottesville, VA, June 2003.

Hopkins JT and **Palmieri RM**. Effects of ankle joint effusion on lower leg function. Presented at the Annual Meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, Stone MB, **Palmieri RM**. Focal temperature change facilitates the peak-to-peak soleus Hoffmann reflex and muscle response. Presented at the Annual Meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.

Palmieri RM, Ingersoll CD, Hoffman MA, Cordova ML, Porter DA, Edwards JE, Babington JP, Krause BA, Stone MB. Arthrogenic muscle response following artificial ankle joint effusion. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 2002.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Knee joint cryotherapy facilitates the vastus medialis Hoffmann reflex and muscle response. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 2002.

Stone MB, Stemmans CL, Edwards JE, Ingersoll CD, **Palmieri RM**, Krause BA. Certified athletic trainers' perceptions of exercise associated muscle cramp. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 2002.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ, Stone MB, Krause BA. Artificial knee joint effusion improves postural steadiness. Presented at the Annual Meeting of the American College of Sports Medicine, St. Louis, MO, May 2002.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Joint cryotherapy modulates the soleus Hoffmann reflex and muscle response. Presented at the Annual Meeting of the American College of Sports Medicine, St. Louis, MO, May 2002.

Stone MB, Vaughan MA, Ingersoll CD, Edwards JE, Babington JP, **Palmieri RM**, Cordova ML, Krause BA. A single dose of ginkgo biloba does not affect soleus motoneuron pool excitability. Presented at the Annual Meeting of the American College of Sports Medicine, St. Louis, MO, May 2002.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ, Stone MB, Krause BA. Artificial Knee Joint Effusion Improves Postural Steadiness. Presented at the Annual Meeting of the Midwest American College of Sports Medicine, Columbus, OH, October 2001.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Joint cryotherapy modulates the soleus Hoffmann reflex and muscle response. Presented at the Annual Meeting of the Midwest American College of Sports Medicine, Columbus, OH, October 2001.

Stone MB, Vaughan MA, Ingersoll CD, Edwards JE, Babington JP, **Palmieri RM**, Cordova ML, Krause BA. A single dose of ginkgo biloba does not affect soleus motoneuron pool excitability. Presented at the Annual Meeting of the Midwest American College of Sports Medicine, Columbus, OH, October 2001.

Palmieri RM, Ingersoll CD, Cordova ML, Kinzey SJ. Prolonged ankle brace application does not affect the spectral qualities of postural sway. Presented at the Annual Meeting of the American College of Sports Medicine, Baltimore, MD, June 2001.

Krause BA, Ingersoll CD, Edwards JE, Cordova ML, **Palmieri RM**, Stone MB. Ankle joint and triceps surae muscle cooling produce similar changes in the soleus H:M ratio. Presented at the National Athletic Trainers' Association Annual Convention, Los Angeles, CA, June 2001.

INVITED PRESENTATIONS:

Ingersoll CD, **Palmieri-Smith RM**. Special Interest Group: Therapies to reverse muscle inhibition. Presented at the NATA Annual Convention, Anaheim, CA, June 2007.

Palmieri-Smith RM. Neuromuscular consequences of knee and ankle injury. Presented in the Distinguished Scholars Session at The NATA Annual Convention, Anaheim, CA, June 2007.

Palmieri-Smith RM. Arthrogenic Muscle Inhibition: A neuromuscular consequence of ankle injury? Presented at the 3rd International Ankle Symposium, Dublin, Ireland, August 2006.

Palmieri RM. Arthrogenic Muscle Inhibition: A Neuromuscular Consequence of Joint Injury. Presented at Pennsylvania State University's Kinesiology Graduate Colloquium, State Park, PA, March 2006.

Palmieri RM. Arthrogenic Muscle Inhibition: Sources and Implications for Rehabilitation. Presented at The Hope College Distinguished Lecture Series in Sports Medicine, Holland, MI, November 2005.

Palmieri RM, Hopkins JT, Ingersoll CD. Muscle inhibition following Joint Injury. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 2005.

Hopkins JT, Ingersoll CD, Krause BA, **Palmieri RM**. Arthrogenic muscle inhibition: Implications and intervention in joint injury. Presented at the Annual Meeting of the Midwest American College of Sports Medicine, Columbus, OH, October 2001.

GRANTSMANSHIP

Grants Funded (Ongoing)

1) *The effect of geographic bone bruises on biological markers and MRI findings of osteoarthritis after anterior cruciate ligament injury*

Source: National Football League Charities

PI: Riann M. Palmieri, Ph.D., ATC

Period: January 1, 2006- June 31, 2009

Amount: \$125,000 (Direct Costs)

Aim: The goal of this project is to determine whether geographic bone bruises that accompany anterior cruciate ligament injury result in pre-clinical signs of osteoarthritis.

2) *The efficacy of neuromuscular estim for improving quadriceps activation*

Source: Arthritis Foundation, Michigan Chapter

PI: Riann M. Palmieri-Smith, Ph.D., ATC

Period: July 1, 2007- December 31, 2009

Amount: \$20,000 (Direct Costs)

Aim: The goal of this project is to determine if neuromuscular electrical stimulation (NMES) is capable of reversing quadriceps arthrogenic muscle inhibition (AMI) and restoring function in a sample of patients with early radiographic evidence of medial tibiofemoral osteoarthritis (OA).

3) *Post-traumatic osteoarthritis associated with ACL injury*

Source: Rackham School of Graduate Studies

PI: Riann M. Palmieri, Ph.D., ATC

Period : March 1, 2006-February 28, 2009

Amount: \$12,650

Aim: The overall goal of the proposed project is to determine the impact of an ACL rupture and associated lateral bone bruising on the integrity of knee joint articular cartilage and knee joint kinetics.

4) *Restoration of Quadriceps Activation After ACL injury and surgery*

Source: UM Sport Injury Prevention Center

PI: Riann M. Palmieri-Smith, Ph.D., ATC – 10% effort

Period : October 31, 2007 – October 31, 2008

Aim: The goal of the project is to determine the impact of pre-operative NMES therapy on neuromuscular activation, atrophy, and functional outcomes.

Amount: \$40,000 (directs)

5) *Neuromechanical Consequences of Arthrogenic Muscle Inhibition*

Source: National Institutes of Health (NIAMS) K08

PI: Riann M. Palmieri-Smith, Ph.D., ATC – 75% effort

Period: April 19, 2007- April 18, 2012

Aim: The goal of the project is to determine the magnitude of quadriceps AMI necessary to alter lower extremity mechanics and to assess the feasibility of introducing NMES to reverse quadriceps weakness and restore knee kinematics

Amount: \$634,500

Grants Funded (Completed)

1) *The Effects of an Experimentally-Induced Increase in Intra-articular Pressure and Quadriceps Inhibition on Knee Joint Kinematics and Muscle Activation*

Source: Office for the Vice President of Research, University of Michigan

PI: Riann M. Palmieri, Ph.D., ATC

Period: June 2005 – June 30, 2006

Amount: \$11,260

Aim: The goal of the project is to determine whether the quadriceps inhibition that results following an experimentally-induced increase in knee intra-articular pressure places the knee joint at risk for injury.

2) *Neuromuscular inhibition of the dynamic ankle stabilizers in patients with functional ankle instability.*

Source: National Athletic Trainers' Research & Education Foundation

PI: Riann M. Palmieri, Ph.D., ATC

Period: July 1, 2006 – December 31, 2007

Aim: The goal of this project is to determine the role of the dynamic ankle stabilizers in resisting sudden ankle inversion during walking.

Amount: \$65,861 (Directs and Indirects)

3) *Functional Status and The Menopause Transition*

Source: National Institutes of Health (NIAMS – 5R01 AG17104)

PI: MaryFran Sowers, Ph.D.

Role: Co-investigator – 5% effort

Period: July 1, 2006 – June 30, 2011

Amount: \$1,348,624 (annual directs)

Aim: The major goals of this project are to characterize measures of physical functioning in a well-characterized cohort of women transitioning the menopause.

4) *Is Pain Capable of Eliciting Arthrogenic Muscle Inhibition?*

Source: Brigham Young University Research Award

PI: Ty Hopkins, Ph.D.

Role: Co-investigator – 0% effort

Period: December 1, 2006 – November 30, 2007

Amount: \$2,100

Aim: To determine if pain can elicit quadriceps arthrogenic muscle inhibition.

5) *Effects of SCENAR[®] therapy on acute ankle sprains*

Source: Samuel Eli Institute

Title: Effects of Scenar therapy on acute ankle sprains

PI: Ann Gill-Taylor, EdD, FAAN, RN (Riann Palmieri, Collaborator)

Period: 2003-2005

Amount: \$200,000 (Total Costs)

Aim: The major goal of this project is to determine if SCENAR[®] therapy will reduce pain and swelling, reverse muscle inhibition, improve ankle functional status, and shorten the recovery time following acute ankle sprains.

6) *Thermoregulatory, spinal, and neuroendocrine involvement in motoneuron pool facilitation during focal ankle joint cooling*

Source: UVa General Clinical Research Center/UVa School of Medicine.

Principal Investigators: Riann Palmieri and Christopher Ingersoll

Period: 2003-2004

Amount: \$68,000 (Total Costs)

Aim: The major goal of this project is to determine the central mechanisms by which cryotherapy potentially acts to reverse muscle inhibition.

7) *The neuroendocrine response and spinal inhibitory processes involved in arthrogenic muscle response following an experimental knee joint effusion*

Principal Investigators: Riann Palmieri and Christopher Ingersoll

Source: UVa General Clinical Research Center/UVa School of Medicine

Period: 2002-2004

Amount: \$28,000 (Total Costs)

Aim: The major goal of this project was to determine the neural networks involved in the quadriceps inhibition and soleus facilitation present with a knee joint effusion.

8) *Bilateral muscle inhibition following unilateral joint effusion*

Source: Great Lakes' Athletic Trainers' Association

Principal Investigator: Riann Palmieri

Period: 2001

Amount: \$1,000 (Total Costs)

Aim: The goal of this project was to determine if joint effusion contributes to the presence of bilateral quadriceps muscle inhibition

9) *Arthrogenic muscle response following artificial ankle joint effusion*

Source: Indiana State University Office of Sponsored Programs and ISU Graduate School Research Fund

PI: Riann Palmieri

Period: 2001

Amount: \$500.00 (Sponsored Programs) and \$300.00 (Graduate School Research Fund)

Aim: The goal of this project was to determine if ankle effusion results in a reflexive inhibition of the surrounding joint musculature.

10) *Artificial knee joint effusion increases postural steadiness.*

Source: Indiana State University Graduate School Research Fund

PI: Riann Palmieri

Period: 2000

Amount: \$400.00

Aim: The goal of this project was to determine if knee joint effusion influenced proprioception and postural steadiness.

11) *Prolonged ankle brace application does not affect the spectral qualities of postural sway.*

Source: Indiana State University Graduate School Research Fund

PI: Riann Palmieri

Period: 2000

Amount: \$150.00

Aim: To goal of this project was to determine if long-term ankle brace application interfered with the proprioceptive system's ability to control posture.

WORKSHOPS

The Hoffmann reflex: Applications in sports medicine research. Arts & Sciences of Sports Medicine, Charlottesville, VA, June 2003.

DISSERTATION AND THESIS COMMITTEES

Dissertation Committees

Scibek JS. Shoulder kinematics in patients with full thickness rotator cuff tears following a subacromial injection, Member, 2005. (UM)

Collins, S. A controlled energy storage and return prosthesis, Member, 2008. (UM)

Kao, P., Member, In progress (UM)

Domingo, A., Member, In progress (UM)

Thomas, A. Chair, In progress (UM)

Brown, T. Co-chair, In progress (UM)

Parekh, J. Member, In progress (UM)

Thesis Committees

Heo H. Comparison of the kinematic analyses using two commercially-available software packages: Visual 3D and Kintrak, Member, 2004. (UM)

Aumann K. Lumbar forward lean following hip flexor fatiguing exercise in persons with a history of low back pain, Member, 2004. (UVA)

Berg C. The effect of cryotherapy on peroneal reaction times following sudden inversion, Member, In progress. (UVA)

Bowman T. Neuromuscular control before and after a pitching simulation to fatigue, Member, 2004. (UVA)

Golofski L. The effects of female hormones on the stiffness of the anterior cruciate ligament, Member, In progress. (UVA)

Oliver C. The relationship between the strength of the dynamic stabilizers of the ulnar collateral ligament and the amount of medial elbow laxity, Member, 2004. (UVA)

Putnam B. Ankle joint stiffness in patients with functional ankle instability, Member, In progress. (UVA)

Silcox K, The effects of a plyometric training protocol on hamstring activation during a landing task, Member, 2004. (UVA)

Swaney M. The effects of a core stabilization training program on pitching velocity and muscle activation in former baseball pitchers, Member, 2004. (UVA)

Tessier G. Gender differences in isometric hamstring fatigue on muscle activation and knee moments when landing, Member, 2004. (UVA)

Tobianski N. The effects of soccer head gear on attenuating impact forces, Member, 2004. (UVA)

Weniger J. The effects of long term quadriceps stretching on arthrogenic muscle inhibition in patients with patellofemoral pain syndrome, Member, 2004. (UVA)

Williams L. Sleep deprivation and its effects on neuropsychological test performance in college students, Member, 2004. (UVA)

McVey E. Arthrogenic muscle inhibition is present in the lower leg musculature of patients exhibiting functional ankle instability, doctoral student mentor, 2003. (UVA)

Russell K. Knee flexion angle increases valgus knee angle and surface gluteus medius EMG activity during a single leg drop jump, doctoral student mentor, 2003. (UVA)

Wolfe H. The reliability of the Ligmaster™ in determining anterior and posterior translation of the glenohumeral joint, doctoral student mentor, 2004. (UVA)

Campbell H. A cryokinetics protocol does not affect quadriceps muscle fatigue, doctoral student mentor, 2002. (ISU)

PROFESSIONAL AFFILIATIONS/CERTIFICATIONS

1. National Athletic Trainers' Association, Certified Member, Certification number 069902719
2. Commonwealth of Virginia Board of Medicine, Athletic Training Certification, Certification number 0126000339 (2002-2004)
3. Virginia Athletic Trainers' Association, Certified Member, (2002-2004)
4. American College of Sports Medicine, Member (2000-present)
5. Indiana Athletic Training Board, Licensed Member, License number 36000808A (2001-2002)
6. Great Lakes' Athletic Trainers' Association, Certified Member (2000-2002; 2004-present)
7. Indiana Athletic Trainers' Association, Certified Member (2000-2002)
8. Pennsylvania Department of Health, Emergency Medical Technician (1998-2003)

SERVICE

PROFESSIONAL

National Athletic Trainers' Association Research and Education Foundation

Research Committee Member – August 2006 to present

Free Communications Student Poster/Oral Adjudicator

Free Communications Moderator

Workshop Moderator

Free Communications Room Monitor (2002-2004)

Manuscript Reviewer

American Journal of Physical Medicine and Rehabilitation

Archives of Physical Medicine and Rehabilitation
American Journal of Sports Medicine
Biomed Central Musculoskeletal Disorders
Clinical Neurophysiology
International Journal of Sports Medicine
Journal of Athletic Training
Journal of Applied Biomechanics
Journal of Applied Physiology
Journal of Sport Rehabilitation
Journal of Sports Science and Medicine
Medicine & Science in Sport & Exercise
Neuroscience Letters
Perceptual and Motor Skills
Sports Medicine

Editorial Boards

Editorial Assistant, Journal of Sport Rehabilitation 2001-2004
Section Editor, Journal of Athletic Training 2004-Feb. 2008
Associate Editor, Sports Health 2008-present

UNIVERSITY

University of Michigan, Division of Kinesiology

Undergraduate Curriculum Committee 2004-2005
Search Committee Chair –Tenure Track Faculty Position 2005-2006
Search Committee – Endowed Chair in Kinesiology 2008-present
Graduate Committee 2006-present

University of Michigan

Sports Injury Prevention Center Implementation Committee 2006-2008
Sports Injury Prevention Center Director Search 2006-2007
Bone & Joint Injury Prevention & Rehab Center Operating Committee 2008-present
CTSA Research Committee 2007-present

University of Virginia, Sports Medicine Program

Graduate Selection Committee 2003-2004

Indiana State University, Athletic Training Department

Assistant Professor Search Committee Summer 2000
Assistant Athletic Trainer Search Committee Fall 2000
Entry-level Curriculum Committee 2000-2001
Undergraduate Self Study Committee 2000-2002
Honors and Awards Committee 2001-2002

HONORS AND AWARDS

Recipient, 2007 Freddie H. Fu Young New Investigator Award

National Athletic Trainers' Research and Education Foundation

Recipient, 2006 Loan Repayment Award

National Institutes of Health

Second runner-up, Clint Thompson Manuscript Award, Journal of Athletic Training for:

The Hoffmann Reflex: Methodologic considerations and applications for use in sports medicine and athletic training research. *Journal of Athletic Training*. 2004; 39: 268-277.

Department of Health Science and Sports Studies Outstanding Alumni Award

California University of Pennsylvania, California, Pennsylvania

May 2005

College of Health and Human Performance Young Professional Alumni Award

Indiana State University, Terre Haute, Indiana

April 2005

Recipient, 2005 David H. Perrin Dissertation Award

National Athletic Trainers' Research and Education Foundation

Outstanding Doctoral Student Oral Presentation

June 18, 2004

Palmieri RM, Weltman AL, Edwards JE, Tom JA, Saliba EN, Mistry DJ, Ingersoll CD. Pre-synaptic modulation of quadriceps arthrogenic muscle inhibition. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD.

Outstanding Master Student Oral Presentation

June 16, 2004

McVey ED, **Palmieri RM**, Docherty CL, Zinder S, Kahler D, Ingersoll CD. Arthrogenic muscle inhibition is present in patients exhibiting unilateral functional ankle instability. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD.

Graduate Award 6th Annual Undergraduate/Graduate Research Showcase

Indiana State University, Terre Haute, Indiana

April 2002

Outstanding Graduate Student Award

Indiana State University, Terre Haute, Indiana

June 2000

Outstanding Senior Student Athletic Trainer

California University of Pennsylvania, California, Pennsylvania

April 1999

Presidential Scholar

California University of Pennsylvania, California, Pennsylvania

1998/1999