



CURRICULUM VITA

Christopher Daniel Ingersoll


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EDUCATIONAL BACKGROUND:

Doctor of Philosophy

The University of Toledo, Toledo, OH
Conferred: December 1989
Major Area: Human Performance (Biomechanics)
Minor Area: Research and Statistics
Dissertation: *Effects of Closed Head Injury on Postural Sway*

Master of Arts

Indiana State University, Terre Haute, IN
Conferred: May 1987
Major Area: Athletic Training
Thesis: *Patellar Location Changes Following EMG Biofeedback Training and Progressive Resistance Exercise*

Bachelor of Science

Marietta College, Marietta, OH
Conferred: May 1985
Major Area: Sportsmedicine/Athletic Training

ADMINISTRATIVE EXPERIENCE:

Dean

University of Toledo, College of Health and Human Services, July 2016 to present
Responsibilities include serving as chief academic, administrative and financial officer for the college and for setting strategic, operational, and financial directions. Report to Executive Vice President for Academic Affairs and Provost.

Dean

University of Toledo, College of Health Sciences, January 2015 to June 2016
Responsibilities include serving as chief academic, administrative and financial officer for the college and for setting strategic, operational, and financial directions. Report to Executive Vice President for Academic Affairs and Provost.

Interim Dean

University of Toledo, College of Social Justice and Human Service, January 2016 to June 2016
Responsibilities include serving as chief academic, administrative and financial officer for the college and for setting strategic, operational, and financial directions. Report to Executive Vice President for Academic Affairs and Provost.

Dean

Central Michigan University, The Herbert H. and Grace A. Dow College of Health Professions, Summer 2009 to January 2015

Responsibilities include administering all affairs of the College and its programs, including finances, personnel, development, technology, and clinical facilities. Reported to the Executive Vice President for Academic Affairs and Provost.

Chairperson

University of Virginia, Department of Human Services, Summer 2008 to Summer 2009
Responsibilities included administering all affairs of the department and its programs, including finances, personnel (faculty and staff), and other resources. Reported to the Dean of the Curry School of Education.

Director

University of Virginia Exercise & Sport Injury Laboratory, Summer 2002 to Summer 2009
Responsibilities included coordinating and supervising research in the laboratory, equipment maintenance, and development of laboratory policies and procedures. Responsibilities also included serving as strength and function director to the University of Virginia General Clinical Research Center. Reported to the Chair of the Department of Human Services.

Director

University of Virginia Graduate Athletic Training Program, Summer 2002 to Summer 2008
Responsibilities included organizing and administrating the NATA-accredited graduate curriculum in athletic training. Reported to the Chair of the Department of Human Services.

Interim Dean

Indiana State University, School of Graduate Studies, Fall 2000 to Summer 2002
Responsibilities included serving as chief administrative officer of the School of Graduate Studies including promotion of excellence in graduate education; providing quality control over all aspects of graduate recruitment, retention, and programs; and promoting the welfare of graduate students. Reported to the Vice President for Academic Affairs and Provost.

Chairperson

Indiana State University, Athletic Training Department, Summer 1996 to Fall 2000
Primary responsibilities included managing the athletic training department personnel and budget and overseeing athletic training services to the University. Reported to the Dean of the College of Health & Human Performance.

Director

Indiana State University Graduate Athletic Training Education Program, Fall 1996 to Summer 1998
Responsibilities included organizing and administrating the NATA approved graduate curriculum in athletic training. Reported to the Chair of the Athletic Training Department.

Director

Indiana State University Sports Injury Research Laboratory, Fall 1995 to Spring 1999
Responsibilities included coordinating and supervising research in the laboratory, equipment maintenance, and enforcement of laboratory policies and procedures. Reported to the Chair of the Department of Physical Education (1995-1996) or Chair of the Athletic Training Department (1996-1999).

Director

Indiana State University Undergraduate Athletic Training Education Program, Fall 1991 to Spring 1993
Responsibilities included organizing and administrating the NATA approved undergraduate curriculum in athletic training. Reported to the Chair of the Department of Physical Education (1995-1996).

Associate Director

University of Nevada, Las Vegas, Sports Injury Research Center, Fall 1989 to Summer 1991
Responsibilities included direction and supervision of research activities in the UNLV SIRC; assist Executive Director in developing policies and procedures of the Center; and coordinating collaborative research efforts with local health care professionals. Reported to the Director of the Sports Injury Research Center.

ACADEMIC EXPERIENCE:

- Professor** **University of Toledo**, Department of Kinesiology (Athletic Training), Spring 2015 to Summer 2016; School of Exercise & Rehabilitation Sciences, Summer 2016 to present
- Professor** **Central Michigan University**, School of Rehabilitation & Medical Sciences (Athletic Training), Summer 2009 to Fall 2014
- Visiting Professor** **University of Virginia** School of Medicine, Department of Physical Medicine & Rehabilitation, Summer 2009 to Fall 2014
- Endowed Professor** **University of Virginia**, Spring 2003 to Summer 2009
The Joe H. Gieck Professor of Sports Medicine
- Professor** **University of Virginia**, Department of Human Services, Summer 2005 to Summer 2009
Responsibilities include contributing to instruction, scholarship, and service in the master's level athletic training and doctoral level sports medicine programs. Additional responsibilities include curriculum development, placement of students at clinical sites, interaction with clinical supervisors, student performance evaluation, and student recruitment and selection.
- Associate Professor** **University of Virginia**, Department of Human Services, Summer 2002 to Spring 2005
Responsibilities included contributing to instruction, scholarship, and service in the master's level athletic training and doctoral level sports medicine programs. Additional responsibilities include curriculum development, placement of students at clinical sites, interaction with clinical supervisors, student performance evaluation, and student recruitment and selection.
- Professor** **University of Virginia** School of Medicine, Department of Physical Medicine & Rehabilitation, Fall 2002 to Summer 2009
- Clinical Professor** **University of Virginia** School of Nursing, Fall 2002 to Summer 2009
- Professor** **Indiana State University**, Athletic Training Department, Fall 1998 to Summer 2002
Primary responsibilities included teaching graduate and undergraduate courses in athletic training; thesis and student advising; graduate athletic training student supervision; chair and serve on university, school and department committees.
- Professor** **Indiana State University**, Department of Life Sciences, Fall 1998 to Summer 2002
Primary responsibility was directing the PhD specialization in Sports Medicine and serving as chair and member of doctoral committees for students in the Sports Medicine specialization.
- Associate Professor** **Indiana State University**, Athletic Training Department, Fall 1994 to Spring 1998
Primary responsibilities included teaching graduate and undergraduate courses in athletic training; thesis and student advising; graduate athletic training student supervision; chair and serve on university, school and department committees.
- Assistant Professor** **Indiana State University**, Physical Education Department, Fall 1991 to Spring 1994
Primary responsibilities included teaching graduate and undergraduate courses in athletic training and physical education; thesis and student advising; graduate athletic training student supervision; chair and serve on university, school and department committees.

Assistant Professor

University of Nevada, Las Vegas, Department of Kinesiology, Fall 1989 to Summer 1991
 Primary responsibilities included teaching graduate and undergraduate courses in athletic training/sports medicine and biomechanics; thesis and student advising; chair and serve on university, college and department committees.

TEACHING:**COURSES TAUGHT:****Central Michigan University**

Undergraduate Course PES 478 Research for the Health Professions

University of Virginia

Graduate Courses

EDHS 589	Experimental Design in Sports Medicine
EDHS 589	Biomechanics and Motor Control
EDHS 589	Sports Medicine Instrumentation
EDHS 589	Neuromuscular Control
EDHS 589	Current Issues in Athletic Health Care
EDHS 589	Clinical Neuromechanics
EDHS 850	Seminar: Sports Medicine
EDHS 850	Seminar: Current Topics in Athletic Training
EDHS 557	The Art and Science of Sports Medicine

Undergraduate Course EDHS 457 The Art and Science of Sports Medicine

Indiana State University

Graduate Courses

ATTR 525	Administration of Athletic Health Care Delivery Systems
ATTR 610	Sports Injuries
ATTR 643	Current Trends of Athletic Training
ATTR 661	Athletic Trauma - Lower Extremity
ATTR 662	Athletic Trauma - Upper Extremity
ATTR 655	Clinical Experience in Athletic Training
ATTR 675	Therapeutic Modality and Rehabilitation Techniques
ATTR 676	Therapeutic Modality and Rehabilitation Theory
ATTR 686	Rehabilitative Biomechanics
ATTR 691	Research in Athletic Training
ATTR 698	Sports Injury Research Seminar
PE 601	Research in Health, Physical Education and Recreation

Undergraduate Courses

ATTR 212	Athletic Training and Emergency First Aid
ATTR 273	Therapeutic Techniques in Athletic Training
ATTR 373	Clinical Experience in Athletic Training
ATTR 380	Clinical Kinesiology
ATTR 425	Administration of Athletic Health Care Delivery Systems
ATTR 472	Therapeutic Modality and Rehabilitation Theory
ATTR 493	Culminating Experience in Athletic Training
ATTR 495	Athletic Training Internship
PE 380	Analysis of Human Motion
PE 404	Scientific Aspects of Physical Education and Coaching

University of Nevada, Las Vegas

Graduate Course PED 736 Biomechanical Applications in Sports Medicine

Undergraduate Courses ATE 101 Introduction to Athletic Training

ATE 170	Clinical Experiences in Athletic Training
ATE 386	Evaluation of Lower Extremity Injuries
ATE 387	Evaluation of Upper Extremity Injuries
ATE 456	Organization and Admin of Athletic Training
PED 132	Weight Training
PED 246	Mechanical Kinesiology

CURRICULUM DEVELOPMENT:

Graduate Courses Developed and Implemented

EDHS 589	Biomechanics and Motor Control (UVa)
EDHS 589	Neuromuscular Control (UVa)
EDHS 589	Sports Medicine Instrumentation (UVa)
EDHS 589	Clinical Neuromechanics (UVa)
ATTR 525	Administration of Athletic Health Care Delivery Systems (ISU)
ATTR 686	Rehabilitative Biomechanics (ISU)
PED 736	Biomechanical Applications in Sports Medicine (UNLV)

Undergraduate Courses Developed and Implemented

ATTR 380	Clinical Kinesiology (ISU)
ATTR 425	Administration of Athletic Health Care Delivery Systems (ISU)
ATE 456	Organization and Administration of Athletic Training Programs (UNLV)

PUBLICATIONS:

PEER-REVIEWED JOURNAL ARTICLES:

Web of Knowledge Citation Report Summary (Author=(Ingersoll CD)):

Results found:	187	Average Citations per Item:	14.84	Ave Citations/yr:	115.67
Sum of the Times Cited:	2776	Citing Articles:	1792	h-index:	31
ORCID: 0000-0001-9157-6846	ResearcherID: H-6474-2015				

1. Kim KM, **Ingersoll CD**, Hertel J. Facilitation of Hoffmann reflexes of ankle muscles in prone but not standing positions by focal ankle-joint cooling. *J Sport Rehabil.* 2015;24(2):130-139.
2. Hart JM, Kuenze CM, Diduch DR, **Ingersoll CD**. Quadriceps muscle function after rehabilitation with cryotherapy in patients with anterior cruciate ligament reconstruction. *J Athl Training.* 2014;49(6):733-739.
3. Grindstaff TL, Pietrosimone BG, Sauer LD, Kerrigan DC, Patrie JT, Hertel J, **Ingersoll CD**. Manual therapy directed at the knee or lumbopelvic region does not influence quadriceps spinal reflex excitability. *Man Ther.* 2014;19(4):299-305.
4. Aronson PA, Rijke A, Hertel J, **Ingersoll CD**. Medial tibiofemoral-joint stiffness in males and females across the lifespan. *J Athl Training.* 2014;49(3):399-405.
5. Pfile KR, Hart JM, Herman D, Hertel J, Kerrigan DC, **Ingersoll CD**. Different exercise training interventions alter drop-landing biomechanics in high school female athletes. *J Athl Training.* 2013;48(4):450-462.
6. Parsley A, Chinn L, Lee S-Y, **Ingersoll CD**, Hertel J. Effect of 3 different ankle braces on functional performance and ankle range of motion. *Athletic Training & Sports Health Care.* 2013;5(2):69-75.
7. Hart JM, Kuenze CM, Pietrosimone BG, **Ingersoll CD**. Quadriceps function in anterior cruciate ligament deficient knees exercising with TENS and cryotherapy: a randomized controlled study. *Clin Rehabil.* 2012;26(11):974-981.
8. Kim K-M, **Ingersoll CD**, Hertel J. Altered postural modulation of Hoffmann reflex in the soleus and fibularis longus associated with chronic ankle instability. *J Electromyogr Kinesiol.* 2012;22:997-1002.
9. Rupp KA, Selkow NM, Parent WR, **Ingersoll CD**, Weltman AL, Saliba SA. The effect of cold water immersion on 48-hour performance testing in collegiate soccer players. *J Strength Cond Res.* 2012;26(8):2043-2050.

10. Guthrie RJ, Grindstaff TL, Croy T, **Ingersoll CD**, Saliba SA. The effect of traditional bridging or suspension-exercise bridging on lateral abdominal thickness in individuals with low back pain. *J Sport Rehabil.* 2012;21(2):151-160.
11. Park J, Grindstaff TL, Hart JM, Hertel J, **Ingersoll CD**. Knee-extension exercise's lack of immediate effect on maximal voluntary quadriceps torque and activation in individuals with anterior knee pain. *J Sport Rehabil.* 2012;21(2):119-126.
12. Beazell JR, Grindstaff TL, Sauer LD, Mangrum EM, **Ingersoll CD**, Hertel J. Effects of a proximal or distal tibiofibular joint manipulation on ankle range of motion and functional outcomes in individuals with chronic ankle instability. *J Orthop Sports Phys Ther.* 2012;42(2):125-132.
13. McKeon PO, Stein A, **Ingersoll CD**, Hertel J. Altered plantar-receptor stimulation impairs postural control in those with chronic ankle instability. *J Sport Rehabil.* 2012;21(1):1-6.
14. Livingston SC, Barth JT, Saliba EN, Goodkin HP, Hertel J, **Ingersoll CD**. Differential rates of recovery after acute sport-related concussion: electrophysiologic, symptomatic, and neurocognitive indices. *J Clin Neurophysiol.* 2012;29:23-32.
15. Grindstaff TL, Hertel J, Beazell J, Mangrum E, Kerrigan DC, Fan X, **Ingersoll CD**. Lumbopelvic joint manipulation and quadriceps activation of people with patellofemoral pain syndrome. *J Athl Training.* 2012;47(1):24-31.
16. Pietrosimone BG, Selkow NM, **Ingersoll CD**, Hart JM, Saliba SA. Electrode type and placement configuration on quadriceps activation evaluation. *J Athl Training.* 2011;46(6):621-628.
17. Davis A, Pietrosimone BG, **Ingersoll CD**, Pugh KM, Hart JM. Quadriceps function after exercise in patients with anterior cruciate ligament-reconstructed knees wearing knee braces. *J Athl Training.* 2011;46(6):615-620.
18. McMullen KL, Cosby NL, Hertel J, **Ingersoll CD**, Hart JM. Lower extremity neuromuscular control immediately after fatiguing hip abduction exercise. *J Athl Training.* 2011;46(6):607-614.
19. Saliba SA, Heyl CT, McKeon P, **Ingersoll CD**, Saliba EN. Effect of duration and amplitude of direct current when lidocaine is delivered by iontophoresis. *Pharmaceutics.* 2011;3:923-931. doi:10.3390/pharmaceutics3040923
20. Dalton EC, Pfile KR, Weniger GR, **Ingersoll CD**, Herman DC, Hart JM. Neuromuscular changes after aerobic exercise in people with anterior cruciate ligament-reconstructed knees. *J Athl Training.* 2011;46(5):476-483.
21. Ustinova KI, Leonard WA, Cassavaugh ND, **Ingersoll CD**. Development of 3D immersive videogame to improve arm-postural coordination in patients with TBI. *J NeuroEng Rehabil.* 2011;8:61. doi:10.1186/1743-0003-8-61
22. Arena RA, Goldberg LR, **Ingersoll CD**, Larsen DS, Shelledy D. Research in the allied health professions: why fund it? *J Allied Health.* 2011;40(3):161-166.
23. Grindstaff TL, Beazell JR, Sauer LD, Mangrum EM, **Ingersoll CD**, Hertel J. Immediate effects of a tibiofibular manipulation on lower extremity H-reflex measurements in individuals with chronic ankle instability. *J Electromyogr Kinesiol.* 2011;21(4):652-658.
24. Huang JS, Pietrosimone BG, **Ingersoll CD**, Weltman A, Saliba SA. Sling exercise and traditional warm-up have similar effects on velocity and accuracy of throwing. *J Strength Cond Res.* 2011;25(6):1673-1679.
25. Pietrosimone BG, Hertel J, **Ingersoll CD**, Hart JM, Saliba SA. Voluntary quadriceps activation deficits in patients with tibiofemoral osteoarthritis: a meta-analysis. *PM&R.* 2011;3(2):153-162.
26. Bunn E, Grindstaff TL, Hart JM, Hertel J, **Ingersoll CD**. Effects of paraspinal fatigue on lower extremity motoneuron excitability in individuals with a history of low back pain. *J Electromyogr Kinesiol.* 2011;21(3):466-470.
27. Hart JM, Beazell J, **Ingersoll CD**, Weltman A, Hertel J. Exercise related postural control deficits in persons with recurrent low back pain. *Athletic Training & Sports Health Care.* 2011;3(3):118-124.
28. Klykken LD, Pietrosimone BG, Kim K-M, **Ingersoll CD**, Hertel J. Motor-neuron pool excitability of the lower leg muscles after acute lateral ankle sprain. *J Athl Training.* 2011;46(3):263-269.
29. Pietrosimone BG, Saliba SA, Hart JM, Hertel J, Kerrigan DC, **Ingersoll CD**. Effects of transcutaneous electrical nerve stimulation and therapeutic exercise on quadriceps activation in people with tibiofemoral osteoarthritis. *J Orthop Sports Phys Ther.* 2011;41(1):4-12.
30. Frommer L, Gurka K, Cross K, **Ingersoll CD**, Comstock RD, Saliba SA. Sex differences in concussion symptoms of high school athletes. *J Athl Training.* 2011;46(1):76-84.
31. Pietrosimone BG, Saliba SA, Hart JM, Hertel J, **Ingersoll CD**. Contralateral effects of disinhibitory TENS on quadriceps function in people with knee osteoarthritis following unilateral treatment. *N Am J Sports Phys Ther.* 2010;5(3):111.

32. Norte GE, Pietrosimone BG, Hart JM, Hertel J, **Ingersoll CD**. Relationship between transcranial magnetic stimulation and percutaneous electrical stimulation in determining the quadriceps central activation ratio. *Am J Phys Med Rehabil*. 2010;89(12):986-996.
33. Livingston SC, Goodkin HP, **Ingersoll CD**. The influence of gender, hand dominance, and upper extremity length on motor evoked potentials. *J Clin Monitoring Computing*. 2010. doi:10.1007/s10877-010-9267-8.
34. Gibbons CE, Pietrosimone BG, Hart JM, Saliba SA, **Ingersoll CD**. Transcranial magnetic stimulation and volitional quadriceps activation. *J Athl Training*. 2010;45(6):570-579.
35. Pietrosimone B, Saliba SA, Hart JM, Hertel J, Kerrigan DC, **Ingersoll CD**. Effects of disinhibitory transcutaneous electrical nerve stimulation and therapeutic exercise on sagittal plane peak knee kinematics and kinetics in people with knee osteoarthritis during gait: a randomized controlled trial. *Clin Rehabil*. 2010;24(12):1091-1101.
36. Hart JM, Weltman A, **Ingersoll CD**. Quadriceps activation following aerobic exercise in persons with low back pain and healthy controls. *Clin Biomech*. 2010;25(8):847-851.
37. Hart JM, **Ingersoll CD**. Quadriceps EMG frequency content following isometric lumbar extension exercise. *J Electromyogr Kines*. 2010;20(5):840-844.
38. Aronson PA, Gieck JG, Hertel J, Rijke AR, **Ingersoll CD**. Tibiofemoral joint positioning for the valgus stress test. *J Athl Training*. 2010;45(4):357-363.
39. Livingston SC, Saliba EN, Goodkin HP, Barth JT, Hertel J, **Ingersoll CD**. A preliminary investigation of motor-evoked potential abnormalities following sport-related concussion. *Brain Injury*. 2010;24(6):904-913.
40. Cross KM, Gurka KK, Conway M, **Ingersoll CD**. Hamstring strain incidence between genders and sports in NCAA athletics. *Athletic Training & Sports Health Care*. 2010;2(3):1-7.
41. Saleh KJ, Lee LW, Gandhi R, **Ingersoll CD**, Mahomed NN, Sjeibani-Rad S, Novicoff WM, Mihalko WM. Quadriceps strength in relation to total knee arthroplasty outcomes. *Instr Course Lect*. 2010;59:119-130.
42. Grindstaff TL, Beazell JR, Saliba EN, **Ingersoll CD**. Treatment of a female collegiate rower with costochondritis: a case report. *J Man Manipul Ther*. 2010;18(2):64-68.
43. Jackson KR, Garrison JC, **Ingersoll CD**, Hertel J. Similarity of hip and knee kinematics and kinetics among prepubescent boys and girls during a drop vertical jump landing. *Athletic Training & Sports Health Care*. 2010;2(2):74-80.
44. Huffman DH, Pietrosimone BG, Grindstaff TL, Hart JM, Saliba SA, **Ingersoll CD**. Effects of menthol-based counterirritant on quadriceps motoneuron-pool excitability. *J Sport Rehabil*. 2010;19(1):30-40.
45. Stone MB, Edwards JE, Huxel KC, Cordova ML, **Ingersoll CD**, Babington JP. Threshold frequency of an electrically induced cramp increases following a fatiguing exercise. *J Sport Sci*. 2010;28(4):399-405.
46. Hart JM, Pietrosimone BG, Hertel JN, **Ingersoll CD**. Quadriceps activation following knee injuries: a systematic review. *J Athl Training*. 2010;45(1):87-97.
47. Hart JM, Kerrigan DC, Fritz JM, Saliba EN, Gansneder BG, **Ingersoll CD**. Jogging gait kinetics following fatiguing lumbar paraspinal exercise. *J Electromyogr Kinesiol*. 2009;19(6):e458-464.
48. Hart JM, Kerrigan DC, Fritz JM, **Ingersoll CD**. Jogging kinematics after lumbar paraspinal muscle fatigue. *J Athl Training*. 2009;44(5):475-481.
49. Pietrosimone BG, Hart JM, **Ingersoll CD**. Effects of focal knee joint cooling on spectral properties of rectus femoris and vastus lateralis electromyography. *Athletic Training & Sports Health Care*. 2009;1(4):154-161.
50. Drewes LK, McKeon PO, Paolini G, Riley P, Kerrigan DC, **Ingersoll CD**, Hertel J. Altered ankle kinematics and shank-rear-foot coupling in those with chronic ankle instability. *J Sport Rehabil*. 2009;18(3):375-388.
51. Grindstaff TL, Hertel J, Beazell JR, Magrum EM, **Ingersoll CD**. Effects of lumbopelvic joint manipulation on quadriceps strength and activation in healthy individuals. *Man Ther*. 2009;14:415-420.
52. McKeon PO, Paolini G, **Ingersoll CD**, Kerrigan DC, Saliba EN, Bennett BC, Hertel J. Effects of balance training on gait parameters in patients with chronic ankle instability: a randomized controlled trial. *Clin Rehabil*. 2009;23(7):609-621.
53. Pietrosimone BG, **Ingersoll CD**. Focal knee joint cooling increases quadriceps central activation ratio. *J Sports Sci*. 2009;27(8):873-879.

54. Pietrosimone BG, Hart JM, Saliba SA, Hertel J, **Ingersoll CD**. Immediate effects of transcutaneous electrical nerve stimulation and focal knee joint cooling on quadriceps activation. *Med Sci Sports Exerc.* 2009;41(6):1175-1181.
55. Kelln BM, **Ingersoll CD**, Saliba S, Miller MD, Hertel J. Effect of early active range of motion rehabilitation on outcome measures after partial meniscectomy. *Knee Surg Sports Traumatol Arthroscopy.* 2009;17(6):607-616.
56. Pietrosimone BG, Hopkins JT, **Ingersoll CD**. The role of disinhibitory modalities in joint injury rehabilitation. *Athl Ther Today.* 2008;13(6):2-5.
57. Prokopy MP, **Ingersoll CD**, Nordenschild E, Katch FI, Gaesser GA, Weltman A. Closed-kinetic chain upper-body training improves throwing performance of NCAA division I softball players. *J Strength Cond Res.* 2008;22(6):1790-1798.
58. McKeon PO, **Ingersoll CD**, Kerrigan DC, Saliba EN, Bennett BC, Hertel J. Balance training improves function and postural control in those with chronic ankle instability. *Med Sci Sport Exerc.* 2008;40(10):1810-1819.
59. Landrum EL, Kelln BM, Parente WR, **Ingersoll CD**, Hertel J. Immediate effects of anterior-to-posterior talocrural joint mobilization after prolonged ankle immobilization: a preliminary study. *J Man Manipulative Ther.* 2008;16(2):1001-05.
60. Grindstaff TL, Jackson KR, Garrison JC, Diduch DR, **Ingersoll CD**. Decreased quadriceps activation measured hours prior to a non-contact anterior cruciate ligament tear: a case report. *J Orthop Sports Phys Ther.* 2008;38(8):502-507.
61. **Ingersoll CD**, Grindstaff TL, Pietrosimone BG, Hart JM. Neuromuscular consequences of anterior cruciate ligament injury. *Clin Sports Med.* 2008;27(3):383-404.
62. Friscia BA, Hammill RR, McGuire B, Hertel J, **Ingersoll CD**. Anterior shoulder laxity is not correlated with medial elbow laxity in high school baseball players. *J Sport Rehabil.* 2008;17(2):106-118.
63. 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. *J Sport Rehabil.* 2008;17(2):137-147.
64. Headlee DL, Leonard JL, Hart JM, **Ingersoll CD**, Hertel J. Fatigue of the plantar foot intrinsic muscles increases navicular drop. *J Electromyogr Kinesiol.* 2008;18(3):420-425.
65. Aronson PA, Rijke AM, **Ingersoll CD**. Bilateral medial tibiofemoral joint stiffness in full extension and 20° of knee flexion. *J Athl Training.* 2008;43(2):157-163.
66. Pietrosimone BG, Hammill RR, Saliba EN, Hertel J, **Ingersoll CD**. Joint angle and contraction mode influence quadriceps motor neuron pool excitability. *Am J Phys Med Rehabil.* 2008;87(2):100-108.
67. Livingston SC, **Ingersoll CD**. Intra-rater reliability of a transcranial magnetic stimulation technique to obtain motor-evoked potentials. *Int J Neurosci.* 2008;118(2):239-256.
68. 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.
69. Corbin DM, Hart JM, McKeon PO, **Ingersoll CD**, Hertel J. The effect of textured insoles on postural control in double and single leg stance. *J Sport Rehabil.* 2007;16(4):363-372.
70. Livingston SC, **Ingersoll CD**, Goodkin HP, Saliba EN, Hertel JN, Barth JT. Relationship between neurocognitive test performance and transcranial magnetically-evoked motor potentials following concussion among collegiate athletes. *Arch Clin Neurophysiol.* 2007;22(7):837.
71. Sedory EJ, McVey ED, Cross KM, **Ingersoll CD**, Hertel J. Arthrogenic muscle response of the quadriceps and hamstrings with chronic ankle instability. *J Athl Training.* 2007;43(3):355-360.
72. Leonard-Frye JL, Johns LD, Tom JA, **Ingersoll CD**. Blisters on the anterior shin in 3 research subjects after 1 MHz, 1.5 W/cm², continuous ultrasound treatment: a case series. *J Athl Training.* 2007;42(3):425-430.
73. 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. *Res Sports Med.* 2007;15:147-155.
74. Cordova ML, Dorough JL, Kious K, **Ingersoll CD**, Merrick MA. Prophylactic ankle bracing reduces rearfoot kinematics during sudden inversion. *Scand J Med Sci Sports.* 2007;17:216-222.
75. Palmieri-Smith RM, Leonard-Frye JL, Garrison JC, Weltman A, **Ingersoll CD**. Peripheral joint cooling increases spinal reflex excitability and serum norepinephrine. *Int J Neurosci.* 2007; 117(2):229-242.
76. Bowman TG, Hart JM, McGuire BA, Palmieri RM, **Ingersoll CD**. A functional fatiguing protocol increases deceleration time of the shoulder from an internal rotation perturbation. *J Athl Training.* 2006;41:275-279.

77. Hart JM, Fritz JM, Saliba EN, Kerrigan DC, Gansneder BG, **Ingersoll CD**. Quadriceps inhibition following repetitive lumbar extension exercise in persons with a history of low back pain. *J Athl Training*. 2006;41:264-269.
78. Palmieri RM, Garrison JC, Leonard JL, Edwards JE, Weltman AL, **Ingersoll CD**. Peripheral ankle cooling and core body temperature. *J Athl Training*. 2006;41:185-188.
79. Russell K, Palmieri RM, Zinder SM, **Ingersoll CD**. Sex differences in valgus knee angle during a single leg drop landing. *J Athl Training*. 2006;41:166-171.
80. Hart JM, Fritz JM, Kerrigan DC, Saliba EN, Gansneder BG, **Ingersoll CD**. Reduced quadriceps activation after lumbar paraspinal fatiguing exercise. *J Athl Training*. 2006;41:79-86.
81. Hart JM, Fritz JM, Saliba EN, Kerrigan DC, Gansneder BG, **Ingersoll CD**. Contribution of hamstring fatigue to quadriceps inhibition following lumbar extension exercise. *J Sports Sci Med*. 2006;5(1): 70-79.
82. McVey ED, Palmieri RM, Docherty CL, Zinder SM, **Ingersoll CD**. Arthrogenic muscle inhibition in the leg muscles of subjects exhibiting functional ankle instability. *Foot & Ankle Int*. 2005;26:1055-1061.
83. Hart JM, Leonard JL, **Ingersoll CD**. Single-leg landing strategy after knee-joint cryotherapy. *J Sport Rehabil*. 2005;14:313-320.
84. Garrison JG, 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. *J Sport Rehabil*. 2005;14:332-337.
85. Palmieri RM, Weltman A, Edwards JE, Tom JA, Saliba EN, Mistry DJ, **Ingersoll CD**. Pre-synaptic modulation of quadriceps arthrogenic muscle inhibition. *Knee Surg Sports Traumatol Arthrosc*. 2005;13:370-376.
86. Palmieri RM, **Ingersoll CD**. Intersession reliability of a protocol to assess reflex activation history in the vastus medialis. *Int J Neurosci*. 2005;115(5):735-740.
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227. Kono T, **Ingersoll CD**, Edwards JE, Sandrey MA. A comparison of acupuncture, TENS, and acupuncture with TENS for pain relief following delayed onset muscle soreness. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 17, 1999. Abstract: *J Athl Training*. 1999;34:S-67.
228. Fukai M, Sandrey MA, **Ingersoll CD**, Lawrence N. Relief of pain during stabilization exercise for mechanical low back pain. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 18, 1999. Abstract: *J Athl Training*. 1999;34:S-28.
229. Rabenberg VS, **Ingersoll CD**, Sandrey MA, Fox M. The bactericidal and cytotoxic effects of antimicrobial wound cleansers. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 18, 1999. Abstract: *J Athl Training*. 1999;34:S-84.
230. Hopkins JT, **Ingersoll CD**, Cordova ML, Edwards JE. Reliability of the soleus Hoffmann reflex in the supine and standing positions. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 18, 1999. Abstract: *J Athl Training*. 1999;34:S-75.
231. Mead JJ, Daigneault BM, **Ingersoll CD**, Cordova ML, Sandrey MA. The effects of selected ankle braces on postural control and electromyographic activity of the leg muscles. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 19, 1999. Abstract: *J Athl Training*. 1999;34:S-57.
232. **Ingersoll CD**, Edwards JE, Hopkins JT, Cordova ML. Arthrogenic muscle inhibition. Presented at the American College of Sports Medicine, Midwest Chapter, Annual Fall Meeting, Cleveland, OH, October 9, 1998.
233. Martin L, Anderson K, Lansing K, **Ingersoll CD**, Sandrey MA. A comparison of spine boarding techniques: log roll versus lift and slide. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 18, 1998. Abstract: *J Athl Training*. 1998;33:S-41.
234. Eastep C, Hayes E, Mochizuki M, **Ingersoll CD**, Edwards JE, Behnke RS. Single treatment contrast bath and cold whirlpool may have no effect on the symptoms associated with DOMS. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 18, 1998. Abstract: *J Athl Training*. 1998;33:S-43.
235. Freeman ML, Klootwyk TE, **Ingersoll CD**. Acute midfoot pain in a collegiate football player. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 18, 1998. Abstract: *J Athl Training*. 1998;33:S-58.
236. Webster K, Yartym C, Reynolds J, Sandrey MA, **Ingersoll CD**. Comparison of PNF and static stretching techniques with superficial application of thermal modalities on hip extension range of motion. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 19, 1998. Abstract: *J Athl Training*. 1998;33:S-67.
237. Buckley T, Bleggi SD, **Ingersoll CD**, Ozmun JC. The effect of russian stimulation combined with isotonic exercise on peak muscular force. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 19, 1998. Abstract: *J Athl Training*. 1998;33:S-68.
238. Sewell J, **Ingersoll CD**, Sandrey MA, Ozmun JC. Functional training vs. weight training effects on one-legged postural sway and evtor strength. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 20, 1998. Abstract: *J Athl Training*. 1998;33:S-71.
239. Hopkins JT, **Ingersoll CD**, Sandrey MA, Bleggi SD. An EMG comparison of four closed chain exercises with limited range of motion. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 20, 1998. Abstract: *J Athl Training*. 1998;33:S-75.

240. Andrews AJ, **Ingersoll CD**, Sandrey MA. The effects of plyometrics and weight training on the EMG of the hamstrings. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 20, 1998. Abstract: *J Athl Training*. 1998;33:S-75.
241. Papanicolaou C, **Ingersoll CD**, Knight KL, Sandrey MA. Patellar taping does not increase mean VMO:VL EMG ratios. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 21, 1997. Abstract: *J Athl Training*. 1997;32:S53.
242. Glazer DD, **Ingersoll CD**, Knight KL, Worrell TW. EMG biofeedback improves the VMO:VL ratio in asymptomatic and anterior knee pain subjects. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 21, 1997. Abstract: *J Athl Training*. 1997;32:S54.
243. Berg T, Camp A, Palmer J, **Ingersoll CD**, Knight KL, Sandrey MA. Exercise and orthotics do not reduce patellofemoral pain. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 21, 1997. Abstract: *J Athl Training*. 1997;32:S54.
244. Palmer VT, **Ingersoll CD**, Knight KL, Kuhlman JS. The effects of soccer heading on postural sway. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 21, 1997. Abstract: *J Athl Training*. 1997;32:S26.
245. Honard M, Baack R, **Ingersoll CD**, Kuhlman JS, Lacy A. Rehabilitation/treatment adherence in high school athletes. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 20, 1997. Abstract: *J Athl Training*. 1997;32:S45.
246. Barr E, Gibbs C, Knight KL, **Ingersoll CD**, Edwards JE. Effect of different types of cold applications on surface and intramuscular temperature. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 19, 1997. Abstract: *J Athl Training*. 1997;32:S33.
247. **Ingersoll CD**, Konishi Y, Knight KL, Edwards JE. Changes in EMG vs. Torque slopes for neuromuscular electrical stimulation and voluntary isometric exercise following delayed onset muscle soreness. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 19, 1997. Abstract: *J Athl Training*. 1997;32:S33.
248. Danielson R, Jaeger J, Rippetoe J, Knight KL, **Ingersoll CD**, Edwards JE. Differences in skin temperature and pressure during the application of various cold and compression devices. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 19, 1997. Abstract: *J Athl Training*. 1997;32:S34.
249. Hannan RL, Margarucci KD, Merkovsky SM, Knight KL, **Ingersoll CD**, Edwards JE. Effects of cooling and heating the shoulder on pitching velocity and accuracy. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 19, 1997. Abstract: *J Athl Training*. 1997;32:S34.
250. Jameson TD, Knight KL, **Ingersoll CD**, Edwards JE. Correlation of isokinetic, isometric, isotonic strength measurements with a one leg vertical jump. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 18, 1997. Abstract: *J Athl Training*. 1997;32:S31.
251. Knight KL, Okuda I, **Ingersoll CD**, Edwards JE. The effects of cold application on nerve conduction velocity and muscle force. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 18, 1997. Abstract: *J Athl Training*. 1997;32:S5.
252. **Ingersoll CD**, Knight KL. Promoting scholarship in athletic training. Presented at the NATA Research & Education Foundation Professional Educators' Workshop, Dallas, TX, February 2, 1997.
253. **Ingersoll CD**, Worrell TW, Bockrath K, Minis P, Farr J. Effects of patellar taping and bracing on patellar position: an MRI study. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S31.
254. Osowski S, Murray J, McLellan R, **Ingersoll CD**, Knight KL, Kovalski JE. Ankle taping and bracing do not hinder vertical jump. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S10.
255. Mullin RC, Riles RL, Curran CC, Kovalski JE, Knight KL, **Ingersoll CD**. An electromyographic comparison between isotonic and isokinetic fatiguing exercise. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S52.
256. Gallant SG, Knight KL, **Ingersoll CD**, Kovalski JE. The effects of cryotherapy on leg press and vertical jump force production. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S18.
257. Diede MT, Knight KL, **Ingersoll CD**, Kovalski JE. EMG, strength, and agility measures following ice treatment to the quadriceps. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S35.
258. Williams RB, **Ingersoll CD**, Knight KL, Kovalski JE. Ankle braces cause muscles to fatigue faster. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S35.

259. Shuler DE, **Ingersoll CD**, Knight KL, Kuhlman JS. Local cold application to the foot and ankle, lower leg, or both effects on a cutting drill. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S35.
260. Narodowy A, Mahar C, Donatello A, Knight KL, **Ingersoll CD**, Kuhlman JS. The effects of cooling the ankle, peroneals or both on reaction time and movement time. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S52.
261. Halls GL, Kingsley CJ, **Ingersoll CD**, Knight KL, Ulrich G. Role of the vastus medialis obliquus on patellar position. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S36.
262. Thomeczek M, Wilk L, **Ingersoll CD**, Knight KL. Effect of cooling on foot pressure during gait. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S52.
263. McDonough E, Strauss K, Apel T, **Ingersoll CD**, Knight KL, Ozmun JC. The effects of cooling the ankle, lower leg and both on dynamic bilateral postural sway. Presented at the National Athletic Trainers' Association Annual Convention, Orlando, FL, June 12, 1996. Abstract: *J Athl Training*. 1996;31:S10.
264. Worrell TW, **Ingersoll CD**, Bockrath K, Minis P. Effect of patellar taping and bracing on patellar position as determined by MRI in patients with anterior knee pain. Presented at the American Physical Therapy Association Combined Sections Meeting, Atlanta, GA, February 16, 1996. Abstract: *Journal of Orthopaedic and Sports Physical Therapy*. 1996;23:70.
265. Kinzey SJ, **Ingersoll CD**. Spectral qualities of sway with selected ankle orthoses. Presented at the American College of Sports Medicine Midwest Regional Chapter Annual Meeting, Pheasant Run, IL, October 26, 1995.
266. Cordova ML, **Ingersoll CD**, Kovalski JE, Knight KL. A comparison of isokinetic and isotonic predictions of a functional task. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 15, 1995. Abstract: *J Athl Training*. 1995;30:S35.
267. Brooks KA, **Ingersoll CD**, Knight KL. Force perception at the ankle following heat and cold applications. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 15, 1995. Abstract: *J Athl Training*. 1995;30:S35.
268. Kovalski JE, **Ingersoll CD**, Knight KL, Mahar CP. Reliability of the BTE Dynatrac isotonic dynamometer. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 15, 1995. Abstract: *J Athl Training*. 1995;30:S34.
269. Knight KL, **Ingersoll CD**, Kovalski JE, Narodowy AA, Williams RB. Fatiguing isotonic contractions recruit more motor units than similar isokinetic contractions. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 15, 1995. Abstract: *J Athl Training*. 1995;30:S29.
270. Gruca PJ, **Ingersoll CD**, Knight KL, Ozmun JC. The effects of prophylactic lateral knee braces on functional performance. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 14, 1995. Abstract: *J Athl Training*. 1995;30:S19.
271. Knight KL, **Ingersoll CD**, Trowbridge CA. The effects of cooling the ankle, the knee, or the quadriceps femoris on functional agility. Presented at the Annual Meeting of the American College of Sports Medicine, Minneapolis, MN, May 31, 1995. Abstract: *Med Sci Sports Exerc*. 1995;27:S51.
272. Jaramillo J, Worrell T, **Ingersoll CD**. Effect of knee injury and surgery on hip muscle force development. *Physical Therapy*. 1994;74:S130.
273. Knight KL, **Ingersoll CD**, Trowbridge CA, Connolley TA, Cordova ML, Hyink LL, Welsh SM. The effects of cooling the ankle, the triceps surae, or both on functional agility. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 13, 1994. Abstract: *J Athl Training*. 1994;29:165-166.
274. Evans TA, **Ingersoll CD**, Knight KL, Worrell TW. The effects of cold application on functional agility. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 11, 1994. Abstract: *J Athl Training*. 1994;29:179-180.
275. Kinzey SJ, **Ingersoll CD**, Knight KL. The effects of ankle bracing on postural sway. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 13, 1994. Abstract: *J Athl Training*. 1994;29:170-171.
276. Streater SS, **Ingersoll CD**, Knight KL. The effects of sensory information on the perception of cold-induced pain. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 13, 1994. Abstract: *J Athl Training*. 1994;29:166.
277. Worrell TW, **Ingersoll CD**, Farr J. Effect of patella taping and bracing on patella position as determined by magnetic resonance imaging. Presented at the American Physical Therapy Association Combined Sections Meeting, New Orleans, LA, February, 1994. Abstract: *Journal of Orthopaedic and Sports Physical Therapy*. 1994;19:65.

278. Kinzey SJ, **Ingersoll CD**, Knight KL. The effects of ankle bracing on postural sway. Presented at the Annual Meeting of the Midwest Chapter of the American College of Sports Medicine, Boyne Mountain, MI, February 4, 1994.
279. **Ingersoll CD**. The effects of closed-head injury on postural sway. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:158.
280. Thieme HA, **Ingersoll CD**, Knight KL, Ozmun JC. Knee joint position sense following therapeutic applications of heat and cold. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:158.
281. Knight KL, **Ingersoll CD**. Isotonic contractions may be more effective than isokinetic contractions in developing muscle strength. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:155.
282. Merrick MA, Knight KL, **Ingersoll CD**, Potteiger J. The effects of cold and compression on tissue temperatures at various depths. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:156.
283. Olson KD, Knight KL, **Ingersoll CD**, Ozmun JC. Strength, speed, and power gains with isokinetic training versus isotonic training with the DAPRE technique. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:155-156.
284. Mangus BC, **Ingersoll CD**, Tandy R. Determining specific sites of foot discomfort during ice bath immersion. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993. Abstract: *J Athl Training*. 1993;28:165-166.
285. Bockrath K, Wooden C, Worrell T, **Ingersoll CD**, Farr J. Effect of patella taping on patellar position and pain. Presented at the American Physical Therapy Association Combined Sections Meeting, San Antonio, TX, February 11, 1993. Abstract: *Journal of Orthopaedic and Sports Physical Therapy*. 1992;17:63.
286. **Ingersoll CD**, Mangus BC. Habituation to the perception of the qualities of cold-induced pain. Presented at the National Athletic Trainers' Association Annual Convention, Denver, CO, June 6, 1992. Abstract: *J Athl Training*. 1992;27:148.
287. **Ingersoll CD**, Merrick MA Knight KL. Sensory perception following therapeutic applications of heat and cold. Presented at the Annual Meeting of the American College of Sports Medicine, Dallas, TX, May 28, 1992. Abstract: *Med Sci Sports Exerc*. 1992;24:S79.
288. **Ingersoll CD**. The alteration of patellar position in patellofemoral pathology. Presented at the Colloquia on Applied Science in Sports Medicine, Houston, TX, April 24, 1992.
289. **Ingersoll CD**, Armstrong CW. The effect of closed head injury on the frequency spectrum of postural sway. Presented at the Annual Meeting of the American College of Sports Medicine, Orlando, FL, May 29, 1991. Abstract: *Med Sci Sports Exerc*. 1991;23:S3.
290. Mangus BC, **Ingersoll CD**. A survey of the cardiac abnormalities in collegiate athletes - 1990. Presented at the Annual Meeting of the American College of Sports Medicine, Orlando, FL, June 1, 1991. Abstract: *Med Sci Sports Exerc*. 1991;23:S166.
291. **Ingersoll CD**. Stabilometric analyses of recovered brain-injured and normal subjects: a study using Romberg coefficients. Presented at the International Congress and Exposition on Sports Medicine and Human Performance, Vancouver, BC, Canada, April 20, 1991.
292. **Ingersoll CD**, Mangus BC, Wolf SA. Cold-induced pain: habituation to cold immersions. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 12, 1990. Abstract: *Athletic Training*. 1990;25:126.
293. Rankin JM, **Ingersoll CD**. The effects of a lace-up canvas ankle brace on vertical jump in trained and untrained males. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 12, 1990. Abstract: *Athletic Training*. 1990;25:127.
294. **Ingersoll CD**. The daily adjustable progressive resistance exercise technique. Presented at the National Strength and Conditioning Association Regional Clinic, Toledo, OH, February 20, 1988.
295. Greninger LO, Rankin JM, **Ingersoll CD**. The effects of the Power Stretch device on flexibility of normal hips. Presented at the Ohio Association for Health, Physical Education, Recreation and Dance Convention, Columbus, OH, December 4, 1987.
296. **Ingersoll CD**. Patellar location changes following EMG biofeedback training and progressive resistance exercises. Presented at the Indiana Association for Health, Physical Education, Recreation and Dance Convention, Terre Haute, IN, October 30, 1986.

INVITED/SYMPOSIUM PRESENTATIONS:

1. **Ingersoll CD**. Keynote Address: In the *Rukh*. Presented at the CAATE Accreditation Conference, Tampa, FL, October 16, 2015.
2. **Ingersoll CD**. Interviewing administrators. Presented at the CAATE Accreditation Conference, Tampa, FL, October 15, 2015.

3. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the Robert Livengood Student Research Forum, The University of Toledo, Toledo, OH, October 13, 2015.
4. **Ingersoll CD.** Pursuing leadership opportunities in higher education. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 26, 2014.
5. **Ingersoll CD.** Exploring opportunities in athletic training: higher education. Presented at the Michigan State University Endowed Athletic Training Speakers Series, Lansing, MI, April 23, 2013.
6. **Ingersoll CD.** Neuromuscular consequences of joint injury. Presented at the Art & Science of Sports Medicine conference, Charlottesville, VA, June 6, 2012.
7. **Ingersoll CD.** Patient-centered outcomes: implications for clinical practice and research. University of Oregon Department of Human Physiology State of the Profession Address, Eugene, OR, May 11, 2012.
8. **Ingersoll CD.** Research in athletic training: where we've been and where we're going. Presented at the University of Toledo Athletic Training Lecture Series, Toledo, OH, October 21, 2011.
9. **Ingersoll CD.** Principles of technical writing. Presented at the National Athletic Trainers' Association Annual Convention, New Orleans, LA, June 21, 2011.
10. **Ingersoll CD.** Measuring the quality of peer-reviewed publications. Presented at the National Athletic Trainers' Association Athletic Training Educators' Conference, Washington, DC, February 25, 2011.
11. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the Michigan ACSM Conference, Gaylord, MI, February 3, 2011.
12. **Ingersoll CD.** Arthrogenic muscle inhibition: a clinically relevant consequence of joint injury. Presented at the National Athletic Trainers' Association Annual Convention, Philadelphia, PA, June 24, 2010.
13. **Ingersoll CD.** Arthrogenic muscle inhibition in the back musculature. Presented at the Great Lakes Athletic Trainers' Association Winter Meeting, Detroit, MI, March 11, 2010.
14. **Ingersoll CD.** Muscle activation and health. Presented at the Power Pilates Annual Conference, Las Vegas, NV, February 11, 2010.
15. **Ingersoll CD.** Arthrogenic muscle inhibition and considerations for health. Presented at the Michigan Athletic Trainers' Society student meeting, Lansing, MI, November 1, 2009.
16. **Ingersoll CD.** Publication ethics and misconduct. Presented at the National Athletic Trainers' Association Annual Convention, San Antonio, TX, June 18, 2009.
17. **Ingersoll CD.** Biomechanics of the lower extremity. Presented at the Michigan Athletic Trainers' Society meeting, Lansing, MI, June 12, 2009.
18. **Ingersoll CD.** Preparing a useful manuscript review. Presented at the National Athletic Trainers' Association Educators' Conference, Washington, DC, February 20, 2009.
19. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the University of North Carolina – Charlotte Department of Kinesiology Distinguished Lecture Series, Charlotte, NC, September 18, 2008.
20. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the Redcord Conference 2008, Oslo, Norway, September 4, 2008.
21. **Ingersoll CD.** Spinal contributions to muscle inhibition. Presented at the Redcord Conference 2008, Oslo, Norway, September 3, 2008.
22. **Ingersoll CD.** Arthrogenic muscle inhibition. Presented at the Art & Science of Sports Medicine Conference, Charlottesville, VA, June 6, 2008.
23. **Ingersoll CD.** Being a scholarly practitioner. Presented at the Art & Science of Sports Medicine Conference, Charlottesville, VA, June 3, 2008.
24. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the Great Lakes Athletic Trainers' Association Winter Meeting, Toledo, OH, March 7, 2008.
25. **Ingersoll CD.** Arthrogenic muscle inhibition. Presented at the American College of Rheumatology/Association of Rheumatology Health Professionals Annual Scientific Meeting, Boston, MA, November 9, 2007.
26. **Ingersoll CD.** What about graduate school? Presented at the Virginia Athletic Trainers' Association Young Professionals Symposium, Radford University, Radford, VA, October 29, 2007.

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27. **Ingersoll CD.** Being a scholarly practitioner. Presented at the 34th Art & Science of Sports Medicine Conference, Charlottesville, VA, June 7, 2007.
28. **Ingersoll CD.** The fading promise of Pasteur's quadrant. The LaTourrette Address, Ohio University, Athens, OH, April 6, 2007.
29. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at Ohio University, Athens, OH, April 5, 2007.
30. **Ingersoll CD.** Preparing a useful manuscript review: hints for reviewers of all experience levels. Presented at the Athletic Training Educators' Conference, Dallas, TX, January 12, 2007.
31. **Ingersoll CD.** Developing an accredited post professional program. Presented at the Athletic Training Educators' Conference, Dallas, TX, January 13, 2007.
32. **Ingersoll CD.** Being a scholarly practitioner. Presented at the 34th Art & Science of Sports Medicine Conference, Charlottesville, VA, June 6, 2006.
33. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the American College of Sports Medicine Annual Meeting, Denver, CO, June 1, 2006.
34. **Ingersoll CD, Cordova ML, Sefton J, McVey ED, Hertel J.** Arthrogenic muscle inhibition and ankle injuries. Presented at the Southeast American College of Sports Medicine Annual Meeting, Charlotte, NC, February 11, 2006.
35. **Ingersoll CD.** Writing systematic reviews: an opportunity for all athletic trainers to contribute to the athletic training knowledgebase. Presented at the Virginia Athletic Trainers' Association Annual Meeting and Symposium, Williamsburg, VA, January 13, 2006.
36. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor in rehabilitation. Presented at the American Orthopaedic Society for Sports Medicine Annual Meeting, Keystone, CO, July 17, 2005.
37. **Ingersoll CD.** Tips for establishing your research agenda. Presented at the National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Indianapolis, IN, June 14, 2005.
38. **Ingersoll CD.** What is muscle inhibition? Presented at the National Athletic Trainers' Association Annual Meeting and Clinical Symposium, Indianapolis, IN, June 13, 2005.
39. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor. Presented at the Practical Applications in Sports Medicine conference, Palm Springs, CA, June 4, 2005.
40. **Ingersoll CD.** Keynote Lecture: Sharing our knowledge. Presented at the Mid-Atlantic Athletic Trainers' Association District Meeting, Virginia Beach, VA, May 20, 2005.
41. **Ingersoll CD.** Preparation and review of manuscripts for publication. Presented at the Athletic Training Educators' Conference, Montgomery, TX, January 21, 2005.
42. **Ingersoll CD.** Issues and outcomes in graduate education. Presented at the Athletic Training Educators' Conference, Montgomery, TX, January 22, 2005.
43. **Ingersoll CD.** What is the academy and how do I fit in it? Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 18, 2004.
44. **Ingersoll CD.** Arthrogenic muscle inhibition: the limiting factor. Presented at the 32nd Art & Science of Sports Medicine Conference, Charlottesville, VA, June 11, 2004.
45. **Ingersoll CD.** Why certified students should enroll in an accredited graduate program. Presented at the National Athletic Trainers' Association Annual Convention, St. Louis, MO, June 26, 2003.
46. **Ingersoll CD.** Get into the game! Sports Safety Breakout Session. SAFE KIDS Leadership Conference. Washington, DC, October 13, 2002.
47. **Ingersoll CD.** Arthrogenic muscle inhibition. Presented at the University of Illinois Sports Medicine Lecture Series. Champaign-Urbana, IL, February 15, 2002.
48. Hopkins JT, **Ingersoll CD**, Krause BA, Palmieri RM. Arthrogenic muscle inhibition: implications and interventions in joint injury. Presented at the Midwest Chapter of the American College of Sports Medicine Meeting. Columbus, OH, October 16, 2001.
49. **Ingersoll CD.** The role and education of the ATC in America. Presented at the Japanese Society of Exercise and Sports Physiology. Tokyo, Japan, August 1, 2001.
50. **Ingersoll CD, Mickalide AD, Taft M.** Sports safety. Presented at the National SAFEKIDS Campaign Leadership Conference. Washington, DC, January 28, 2001.
51. **Ingersoll CD.** Grant writing. National Athletic Trainers' Association Training Educators' Workshop. Fort Worth, TX, January 19, 2001.

52. **Ingersoll CD**, Koceja DM, Hoffman MA. H-reflex: description and applications. Presented at the American College of Sports Medicine Annual Meeting, Indianapolis, IN, June 2, 2000. Abstract: *Med Sci Sports Exerc.* 2000;32:S-258.
53. **Ingersoll CD**, Koceja DM, Hoffman MA. H-reflex measurement techniques. Presented at the American College of Sports Medicine Annual Meeting, Indianapolis, IN, May 31, 2000.
54. **Ingersoll CD**. Writing for publication. Presented at The Great Lakes Athletic Trainers' Association Winter Meeting, Detroit, MI, March 9, 2000.
55. **Ingersoll CD**. Assessment of patellofemoral pain. Presented at The Great Lakes Athletic Trainers' Association Winter Meeting, Detroit, MI, March 9, 2000.
56. **Ingersoll CD**. The puzzle of patellofemoral pain. Presented at the Distinguished Lecture in Sports Medicine Series, Hope College, Holland, MI, January 20, 2000.
57. **Ingersoll CD**. Reexamination of ergonomics. Presented at Practical Applications in Sports Medicine IX, Palm Springs, CA, June 25, 1999.
58. **Ingersoll CD**. Research made possible: you too can be an investigator. Presented at the Great Lakes Athletic Trainers' Association Annual Meeting and Symposium, Indianapolis, IN, March 20, 1999.
59. **Ingersoll CD**. Live demonstration of muscle inhibition. Presented at the 14th Annual Hawkeye Sports Medicine Symposium, Cedar Rapids, IA, December 5, 1998.
60. **Ingersoll CD**. Muscle inhibition following joint injury. Presented at the 14th Annual Hawkeye Sports Medicine Symposium, Cedar Rapids, IA, December 4, 1998.
61. **Ingersoll CD**, Edwards JE, Hopkins JT, Cordova ML. Arthrogenic muscle inhibition. Presented at the American College of Sports Medicine, Midwest Chapter, Annual Fall Meeting, Cleveland, OH, October 9, 1998.
62. **Ingersoll CD**. Advanced graduate education: what it is and where it's going. Presented at the National Athletic Trainers' Association Annual Convention, Baltimore, MD, June 17, 1998.
63. **Ingersoll CD**. Biomechanical assessment of closed head injury. Presented at Sports Rehab Network Sports Concussion Symposium, Smithtown, NY, May 15, 1998.
64. **Ingersoll CD**, Knight KL. Promoting scholarship in athletic training. Presented at the NATA Research & Education Foundation Professional Educators' Workshop, Dallas, TX, February 2, 1997.
65. **Ingersoll CD**, Worrell TW. Anterior knee pain. Presented at the American Physical Therapy Association Indiana Chapter Annual Conference, Indianapolis, IN, May 18, 1996.
66. **Ingersoll CD**. Biomechanical assessment of brain injury. Presented at the American College of Sports Medicine Midwest Regional Chapter Annual Meeting, Pheasant Run, IL, October 26, 1995.
67. **Ingersoll CD**. Technological wonders in the training room. Presented at the Indiana Athletic Trainers' Association Annual Meeting, Indianapolis, IN, October 30, 1995.
68. **Ingersoll CD**. Causes and treatment of patellofemoral pain. Presented at the Southwest District Alliance for Health, Physical Education, Recreation and Dance Meeting, Kahuku, Oahu, HI, June 23, 1995.
69. **Ingersoll CD**. Biomechanical aspects of patellofemoral pain. Presented at the National Athletic Trainers' Association Annual Convention, Indianapolis, IN, June 17, 1995.
70. Knight KL, **Ingersoll CD**, Ray R. NATA journal writing workshop. Presented at the Great Lakes Athletic Trainers' Association Annual Convention, Fort Wayne, IN, March 16, 1995.
71. **Ingersoll CD**. Utilization of the athletic trainers' computer network and e-mail. Presented at the National Athletic Trainers' Association Annual Convention, Dallas, TX, June 14, 1994.
72. **Ingersoll CD**. Writing effective abstracts. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 12, 1993.
73. **Ingersoll CD**. Current issues in computing. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993.
74. **Ingersoll CD**. Computer systems. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 11, 1993.

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75. **Ingersoll CD.** Posture as a model for sensory deficits following closed head injury. Presented at the Symposium on Head and Neck Injuries, American Society for Testing and Materials, Committee F-8, Atlanta, GA, May 19, 1993.
76. **Ingersoll CD.** The alteration of patellar position in patellofemoral pathology. Presented at the Colloquia on Applied Science in Sports Medicine, Houston, TX, April 24, 1992.
77. **Ingersoll CD.** The biomechanics of the lumbar spine. Presented at the American Alliance for Health, Physical Education, Recreation and Dance Annual Symposium, San Francisco, CA, April 6, 1991.
78. **Ingersoll CD.** Rehabilitation of low back injuries. Presented at the American Alliance for Health, Physical Education, Recreation and Dance Annual Symposium, San Francisco, CA, April 6, 1991.
79. **Ingersoll CD.** The sensations of cold reexamined. Presented at the Southern Nevada Sports Medicine Study Group Meeting, Las Vegas, NV, September 18, 1990.
80. **Ingersoll CD.** Rehabilitative biomechanics. Presented at the Southern Nevada Sports Medicine Study Group Meeting, Las Vegas, NV, March 13, 1990.
81. **Ingersoll CD.** The biomechanics of throwing. Presented at the Greater Toledo Athletic Trainers' Association Symposium on Throwing Injuries, Toledo, OH, March 15, 1989.
82. **Ingersoll CD.** Biofeedback for infrapatellar pain. Presented at the Great Lakes Athletic Trainers' Association Regional Convention, Indianapolis, IN, March 12, 1988.
83. **Ingersoll CD.** The daily adjustable progressive resistance exercise technique. Presented at the National Strength and Conditioning Association Regional Clinic, Toledo, OH, February 20, 1988.

FUNDING ACTIVITIES:

EXTRAMURAL GRANTS FUNDED:

Source: The Herbert H. and Grace A. Dow Foundation

Title: A multispecialty mobile clinic vehicle

PI: Christopher D. Ingersoll, PhD, ATC

Period: 2013-2014

Amount: \$500,000

Description: The major goal of this project was to build a custom multispecialty mobile coach to provide health care to rural and underserved communities in Michigan.

Source: National Science Foundation

Title: MRI: Acquisition of a Vicon system for multi-disciplinary research and education in rehabilitation engineering (1337511)

PI: Ksenia Ustinova, PhD, PT

Role: Co-Investigator

Period: 2013-2015

Amount: \$252,024

Description: The major goal of this project is to secure a Vicon motion capture system to support multi-disciplinary research and education in rehabilitation engineering.

Source: Blue Cross Blue Shield Foundation of Michigan

Title: Virtual reality game-based telerehabilitation in patients with traumatic brain injury.

PI: Ksenia Ustinova, PhD, PT

Role: Co-Investigator

Period: 2012-2013

Amount: \$90,758

Description: The major goal of this project is to determine the effectiveness of virtual reality game-based telerehabilitation program in restoring motor coordination disrupted due to traumatic brain injury.

Source: Association of Schools of Allied Health Professions

Title: Virtual reality game-based telerehabilitation in patients with traumatic brain injury.

PI: Ksenia Ustinova, PhD, PT

Role: Co-Investigator

Period: 2012-2013

Amount: \$15,000

Description: The major goal of this project is to determine the effectiveness of virtual reality game-based telerehabilitation program in restoring motor coordination disrupted due to traumatic brain injury.

Source: U.S. Department of Defense

Title: Design of virtual reality-based therapy to restore the whole body coordination deficits following deployment-acquired traumatic brain injury

PI: Ksenia Ustinova, PhD, PT

Role: Co-Investigator

Effort: 10%

Period: 2010-2011

Amount: \$385,471

Description: A virtual reality (VR)-based gaming therapy will be developed as an alternative cost-effective approach to the conventional "hands on" rehabilitation frequently used in patients with TBI.

Source: American Orthopaedic Society for Sports Medicine

Title: Improving quadriceps function following ACL reconstruction surgery

PI: Joseph M. Hart, PhD, ATC

Role: Co-Investigator

Effort: 1%

Period: 2009-2010

Amount: \$20,000

Description: Two-week rehabilitation intervention study using a disinhibitory modality (cryotherapy) to improve quadriceps muscle function measured with functional magnetic resonance imaging.

Source: National Institutes of Health (NCCAM)

Title: Pre- and post-synaptic spinal mechanisms with local and distant manual therapies (5R21AT004171-02)

PI: Christopher D. Ingersoll, PhD, ATC

Effort: 25%

Period: 2008- 2011

Amount: \$275,000

Description: The purpose of this study will be to determine the effects of local and distant mobilization/manipulation interventions on pre-synaptic and post-synaptic inhibition of the quadriceps muscle in individuals with existing quadriceps inhibition.

Source: Orthopaedic Section, American Physical Therapy Association, Inc.

Title: The effects of TENS stimulation as a disinhibitory modality in patients with tibiofemoral osteoarthritis

PI: Susan Saliba, PhD, ATC, PT

Role: Co-Investigator

Effort: 0% (salary support disallowed)

Period: 2008 – 2010

Amount: \$25,000

Description: To determine the effects of the use of TENS during quadriceps rehabilitation and activities of daily living for a 4 week period on measures of muscle activation and gait in subjects with tibiofemoral osteoarthritis.

Source: National Institutes of Health (NCCAM)

Title: Neuromuscular and positional changes after ankle joint mobilizations

PI: Jay Hertel, PhD, ATC

Role: Co-Investigator

Effort: 5%

Period: 2009- 2011

Amount: \$250,000

Description: To assess the acute effects of Maitland grade III joint mobilizations to the talocrural and distal tibiofibular joints on positional faults at these joints and motoneuron pool excitability of the lower leg muscles in individuals with chronic ankle instability.

Source: National Institutes of Health (National Center for Research Resources)

Title: University of Virginia General Clinical Research Center (M01 RR00847-29)

PI: Erik Hewlett, MD

Role: Director, Strength, Balance and Function Core Laboratory

Effort: 15%
 Period: 2002 - 2010
 Amount: \$4,347,418/yr.
 Description: The major goal of this project is to make available to medical scientists the resources that are necessary for the conduct of clinical research.

Source: National Institutes of Health (NIAMS, NIBIB)
 Title: A Wireless EMG Data Collection and Analysis System
 PI: B. Eugene Parker, PhD
 Role: Co-Investigator/Sub-contract Coordinator
 Effort: 6.5%
 Period: 2006
 Amount: \$5,000 (Subcontract)
 Description: The purpose of this study was to evaluate wireless EMG data collection and analysis system.

Source: National Operating Committee on Standards for Athletic Equipment (NOCSAE)
 Title: Motor Evoked Potential Abnormalities Following Acute Concussion among High School and Collegiate Athletes: Relationship to Post-Concussive Symptoms, Neuropsychological Test Scores, and Balance Error Scores
 PI: Christopher D. Ingersoll, PhD, ATC
 Effort: 10%
 Period: 2005 - 2007
 Amount: \$155,084
 Description: The overall aim of this study is to determine if corticospinal tract conduction abnormalities (as induced through transcranial magnetic stimulation and measured by motor-evoked potentials) are related to self-reported symptoms, neuropsychological test performance, and balance impairments in acutely concussed collegiate athletes.

Source: National Football League Charities
 Title: Biomechanics of Ankle Instability
 PI: Jay Hertel, PhD, ATC
 Role: Co-Investigator
 Effort: 5%
 Period: 2005 - 2006
 Amount: \$150,000
 Description: The purposes of this study are to: 1) to identify differences in multiple biomechanical measures in non-copers (with CAI), copers (ankle injury history but no CAI), and controls (no history of ankle injury); and 2) to identify which of these biomechanical measures best discriminate between non-copers, copers, and controls.

Source: University of Virginia General Clinical Research Center and University of Virginia School of Medicine (NIH M01 RR00847-29)
 Title: The neuroendocrine response and spinal inhibitory processes involved in arthrogenic muscle inhibition following an experimental knee joint effusion.
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 2002-2003
 Amount: \$28,000
 Description: The goal of this project was to determine the neural networks involved in quadriceps inhibition in the presence of a knee joint effusion.

Source: University of Virginia General Clinical Research Center and University of Virginia School of Medicine (NIH M01 RR00847-29)
 Title: Thermoregulatory, spinal, and neuroendocrine involvement in motoneuron pool facilitation during focal ankle joint cooling.
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 2003-2004
 Amount: \$68,000
 Description: The major goal of this project is to determine the spinal mechanisms by which cryotherapy potentially acts to reverse muscle inhibition.

Source: Samueli Institute for Information Biology
 Title: Effects of SCENAR® therapy on pain modulation, swelling, reflex muscle inhibition, ankle functional status, and recovery time following acute ankle sprain.

PI: Ann Gill Taylor, EdD, RN
 Role: Collaborator
 Period: 2003 - 2005
 Amount: \$134,663
 Description: 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.

EXTRAMURAL GRANTS PENDING:

Source: National Institutes of Health (NINDS)
 Title: Effectiveness of virtual reality game-based telerehabilitation program in restoring motor coordination disrupted due to traumatic brain injury.
 PI: Ksenia Ustinova, PhD, PT
 Role: Co-Investigator
 Period: 2012-2016
 Amount: \$1,390,778
 Description: The major goal of this project is to determine the effectiveness of virtual reality game-based telerehabilitation program in restoring motor coordination disrupted due to traumatic brain injury.

Source: U.S. Department of Defense
 Title: Virtual reality game-based telerehabilitation in patients with traumatic brain injury.
 PI: Ksenia Ustinova, PhD, PT
 Role: Co-Investigator
 Period: 2012-2013
 Amount: \$569,452
 Description: The major goal of this project is to determine the effectiveness of virtual reality game-based telerehabilitation program in restoring motor coordination disrupted due to traumatic brain injury.

SMALL EQUIPMENT GRANTS:

Source: Biofreeze
 Title: A comparison of a menthol based gel, a sham gel and no treatment to the knee on quadriceps motoneuron pool excitability
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 2007
 Amount: \$340
 Description: The purpose of this study was to compare a menthol based gel, a sham gel and no treatment to the knee on quadriceps motoneuron pool excitability.

Source: Micro Bio-Medics
 Title: A comparison of acupuncture, TENS, and acupuncture with TENS for pain relief following delayed onset muscle soreness.
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 1998
 Amount: \$500
 Description: The purpose of this study was to compare acupuncture, TENS, and acupuncture with TENS for pain relief following delayed onset muscle soreness.

Source: ConvaTec
 Title: Comparison of the effects of selected dressings on the healing of standardized abrasion.
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 1997
 Amount: \$250
 Description: The purpose of this study was to compare the effects of selected dressings on the healing of standardized abrasions.

Source: Johnson & Johnson
 Title: Comparison of the effects of selected dressings on the healing of standardized abrasions.

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PI: Christopher D. Ingersoll, PhD, ATC
Period: 1997
Amount: \$250
Description: The purpose of this study was to compare the effects of selected dressings on the healing of standardized abrasions.

Source: Baltimore Therapeutic Equipment
Title: Validity of isotonic and isokinetic contractions
PI: John Kovaleski, PhD, ATC
Role: Co-Investigator
Period: 1994
Amount: \$85,000
Description: The purpose of this study was to determine the reliability of the BTE Dynatrac dynamometer.

Source: Numonics, Inc.
Title: OrthoGrid software
PI: Christopher D. Ingersoll, PhD, ATC
Period: 1994
Amount: \$3,400
Description: The purpose of this study was to develop digitizing software to determine patellar position from axial x-rays and MRIs.

Source: McDavid Athletic Equipment
Title: Effects of knee braces on agility
PI: Christopher D. Ingersoll, PhD, ATC
Period: 1994
Amount: \$594
Description: The purpose of this study was to determine the effects of knee braces on agility.

Source: Omni Scientific
Title: Effects of knee braces on agility
PI: Christopher D. Ingersoll, PhD, ATC
Period: 1994
Amount: \$594
Description: The purpose of this study was to determine the effects of knee braces on agility.

Source: St. Francis Hospital (Indianapolis)
Title: The effects of patellar taping and bracing on patellar position
PI: Ted Worrell, EdD, PT, ATC
Role: Co-Investigator
Period: 1993
Amount: \$60,000
Description: The purpose of this study was to determine the effects of patellar taping and bracing on patellar position.

Source: St. Francis Hospital (Indianapolis)
Title: Effects of patellar taping and bracing on patellar position: a case study using magnetic resonance imaging
PI: Ted Worrell, EdD, PT, ATC
Role: Co-Investigator
Period: 1993
Amount: \$6,000
Description: The purpose of this study was to determine the effects of patellar taping and bracing on patellar position using magnetic resonance imaging.

Source: DynOrthotics, Inc.
Title: Effects of patellar taping and bracing on patellar position
PI: Ted Worrell, EdD, PT, ATC
Role: Co-Investigator
Period: 1993
Amount: \$495
Description: The purpose of this study was to determine the effects of patellar taping and bracing on patellar position.

Source: Specialty Center for Orthopedic and Rehabilitative Excellence

Title: Effects of patellar taping and bracing on patellar position
 PI: Ted Worrell, EdD, PT, ATC
 Role: Co-Investigator
 Period: 1993
 Amount: \$2,000
 Description: The purpose of this study was to determine the effects of patellar taping and bracing on patellar position.

Source: DynOrthotics, Inc.
 Title: Effects of patellar taping and bracing on patellar position
 PI: Ted Worrell, EdD, PT, ATC
 Role: Co-Investigator
 Period: 1992
 Amount: \$250
 Description: The purpose of this study was to determine the effects of patellar taping and bracing on patellar position.

Source: Reebok International
 Title: Rearfoot kinematic analysis of selected ankle orthoses
 PI: Christopher D. Ingersoll, PhD, ATC
 Period: 1992
 Amount: \$525
 Description: The purpose of this study was to compare rearfoot kinematic analyses for selected ankle orthoses.

GRANTS MENTORED:

Source: National Athletic Trainers Association Research & Education Foundation
 Title: The effect of transcutaneous electrical nerve stimulation on quadriceps central activation and gait
 Student: Brian Pietrosimone, MEd, ATC
 Period: 2008-2009
 Amount: \$2,500
 Description: The purpose of this study is to evaluate the effects of transcutaneous electrical stimulation (TENS) in conjunction with therapeutic exercise on volitional quadriceps activation, subjective outcome scales, knee kinematics and kinetics during gait in subjects with tibiofemoral osteoarthritis, a model of arthrogenic muscle inhibition.

Source: UVa Doctoral Research Award in Educational Science
 Title: The effects of maturation and gender on a lower extremity kinetic analysis of a sports specific task
 Student: Kate Jackson, ATC
 Period: 2007-2008
 Amount: \$1,000
 Description: The purposes of this study are to determine how physical maturation from prepubescent to adult affects the development of neuromuscular control and to draw comparisons between sexes to evaluate whether males and females perform dynamic, sports specific movements in differing manners.

Source: Eastern Athletic Trainers Association
 Title: Effects of a sacroiliac joint manipulation on gait kinetics of individuals with patellofemoral pain
 Student: Brian Pietrosimone, MEd, ATC
 Period: 2007-2008
 Amount: \$4,000
 Description: The purpose of the current study is to determine how strategically placed cryotherapy and TENS interventions will affect voluntary quadriceps activation of patients that have undergone knee meniscectomy in the past 5 days.

Source: National Athletic Trainers Association Research & Education Foundation
 Title: Effects of a sacroiliac joint manipulation on gait kinetics of individuals with patellofemoral pain
 Student: Terry Grindstaff, DPT, ATC
 Period: 2006-2007
 Amount: \$2,500
 Description: The purpose of this study is to determine the changes in gait mechanics following a sacroiliac joint manipulation in individuals with patellofemoral joint pain.

Source: Mid-Atlantic Athletic Trainers' Association
 Title: Role of Maturation on Controlled, Dynamic Movement
 Student: Kate Jackson, ATC
 Period: 2006-2007
 Amount: \$200
 Description: The aim of this study is to compare male and female athletes in dynamic tasks that mimic maneuvers commonly found in jumping and cutting sports; and to gain a more in depth understanding of the role of physical development within maturing athletes and how it may alter their ability to demonstrate controlled dynamic movement patterns. Finally, this research looks to further the knowledge base associated with unanticipated versus planned dynamic tasks.

Source: National Athletic Trainers Association Research & Education Foundation
 Title: Motor evoked potential differences between concussed and non-concussed athletes as determined by transcranial magnetic stimulation (305DGP002)
 Student: Scott Livingston, MS, PT, ATC
 Period: 2005-2006
 Amount: \$2,500
 Description: The purposes of this study are to: (1) determine the intra-rater reliability of motor evoked potential stimulation using transcranial magnetic stimulation of the human motor cortex; (2) determine the test-retest reliability of motor evoked potential stimulation using transcranial magnetic stimulation of the human motor cortex; (3) determine if there is a correlation between motor evoked potentials (MEP) recorded through transcranial magnetic stimulation (TMS) technique to arm length and height, and to determine if there are differences in MEPs based on gender and handedness; (4) determine if there are any differences in MEPs in recently concussed athletes compared to non-concussed matched control subjects and to correlate MEP abnormalities to symptom-severity and recovery following concussive injuries in athletes.

Source: Great Lakes Athletic Trainers' Association
 Title: Bilateral muscle inhibition following unilateral joint effusion
 Student: Riann M. Palmieri, MS, ATC
 Period: 2001
 Amount: \$1,000
 Description: The goal of this project was to determine if joint effusion contributes to the presence of bilateral quadriceps muscle inhibition.

EXTRAMURAL GRANTS NOT FUNDED:

Source: National Institutes of Health (NIAMS, NIBIB)
 Title: A Portable, Untethered Motion Analysis System
 PI: B. Eugene Parker, PhD
 Role: Co-Investigator/Sub-contract Coordinator
 Effort: 6.5%
 Period: 2008- 2009
 Amount: \$30,623 (Subcontract)
 Description: The purpose of this study will be to develop a portable, untethered motion analysis system.

Source: National Institutes of Health (NIAMS)
 Title: Preoperative Rehabilitation for Total Knee Arthroplasty
 PI: Christopher D. Ingersoll, PhD, ATC
 Effort: 20%
 Period: 2006- 2011
 Amount: \$2,090,653
 Description: The purpose of this project is to determine if preoperative rehabilitation focused on disinhibiting the quadriceps muscle hastens and enhances recovery from primary total knee arthroplasty.

Source: National Athletic Trainers' Association Research & Education Foundation
 Title: Relationships Between Contributing Factors to Chronic Ankle Instability
 PI: Jay Hertel, PhD, ATC
 Role: Co-Investigator
 Effort: 3%
 Period: 2005- 2006

- Amount: \$101,808
 Description: The purposes of this study will be to: 1) identify the interrelationships of the various outcome variables used to represent mechanical and functional insufficiencies present in subjects with CAI; and 2) identify which of these outcome variables, or groups of variables, best discriminate between subjects with and without CAI.
- Source: National Institutes of Health (NIAMS)
 Title: Preop rehab and total knee replacement outcome
 PI: Christopher D. Ingersoll, PhD, ATC
 Effort: 15%
 Period: 2004 - 2007
 Amount: \$150,000
 Description: The purpose of this study will be to determine the effectiveness of a preoperative rehabilitation program on reducing quadriceps inhibition, decreasing pain, improving range of motion, and improving functional status following total knee arthroplasty.
- Source: Centers for Disease Control and Prevention
 Title: Predisposing Factors of Lower Extremity Injuries in Physically Active Individuals
 PI: Christopher D. Ingersoll, PhD, ATC
 Effort: 20%
 Period: 2005 - 2008
 Amount: \$900,000
 Description: The purposes of this study will be to: 1) determine how predictor variables group together to form domains, and 2) determine predisposing factors from defined domains that predict lower extremity musculoskeletal pathologies in physically active individuals across the lifespan.
- Source: Arthritis National Research Foundation
 Title: The effect of cryotherapy and transcutaneous electrical nerve stimulation (TENS) on muscle inhibition in patients with medial tibiofemoral osteoarthritis.
 PI: Riann M. Palmieri, PhD, ATC
 Role: Co-Investigator
 Effort: 5%
 Period: 2006
 Amount: \$50,000
 Description: The objective of this project is to determine if cryotherapy and TENS can temporarily remove quadriceps AMI in patients with osteoarthritis and promote normal walking biomechanics.
- Source: American Orthopaedic Society for Sports Medicine
 Title: Quadriceps activation failure and walking gait analysis following ACL reconstruction surgery
 PI: Joseph M. Hart, PhD, ATC
 Role: Co-Investigator
 Effort: 1%
 Period: 2008- 2009
 Amount: \$20,000
 Description: Case-series study in patients with ACL reconstructed knees to measure quadriceps muscle function and gait biomechanics at 6, 12 and 24 months following index surgery.
- Source: National Football League Charities
 Title: Biomechanics of Ankle Instability
 PI: Susan Saliba, PhD, ATC, PT
 Role: Co-Investigator
 Effort: 5%
 Period: 2008- 2009
 Amount: \$150,000
 Description: The purpose of this study is to investigate the use of cold immersion during recovery from maximal exercise on subsequent maximal exercise in intercollegiate football players.
- Source: National Football League Charities
 Title: Biomechanics of Ankle Instability

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PI: Joseph M. Hart, PhD, ATC
Role: Co-Investigator
Effort: 7%
Period: 2008- 2009
Amount: \$150,000
Description: This study will provide valuable information about clinicians' ability to improve quadriceps neural function following ACL reconstruction through evidence-based therapeutic applications of knee joint cryotherapy.

Source: National Institutes of Health (NIAMS)
Title: Yoga and Gait Function in Elderly Adults
PI: D. Casey Kerrigan, MD
Role: Co-Investigator
Effort: 10%
Period: 2008- 2010
Amount: \$500,000
Description: The purposes of this study will be to investigate rigorously and in depth the independent effects of a structured Iyengar yoga program on hip extension and other critical age-related indices of gait function.

INTRAMURAL GRANTS FUNDED:

Source: University of Virginia Institute on Aging
Title: Strength, balance and function in the elderly following a functional balance training program compared to a traditional community-based exercise program: a cross-sectional pilot study
PI: Christopher D. Ingersoll, PhD, ATC
Period: 2006
Amount: \$5,000
Description: The purpose of this pilot study was to cross-sectionally compare strength balance and function following a functional balance exercise program and a traditional community-based exercise program.

Source: Indiana State University Faculty Computer Grant
Title: Computer controlled movement and movement reproduction for analysis of kinesthetic loss in the lower extremities
PI: Christopher D. Ingersoll, PhD, ATC
Period: 1991
Amount: \$6,875
Description: The purpose of this study was to evaluate computer controlled movement and movement reproduction for analysis of kinesthetic loss in the lower extremities.

Source: University of Nevada, Las Vegas, Research Council
Title: Electromyography of the quadriceps during various short arc exercises
PI: Christopher D. Ingersoll, PhD, ATC
Period: 1989
Amount: \$1,500
Description: The purpose of this study was to evaluate electromyography of the quadriceps during various short arc exercises.

CONTRACTS FUNDED:

Source: Michigan Health Information Network
PD: Christopher D. Ingersoll, PhD, ATC
Period: 2011 to 2014
Amount: \$641,344
Description: The purpose of this contract was to assign technology director as Executive Director of the Michigan Health Information Network.

Source: University of Virginia, Department of Athletics
PD: Christopher D. Ingersoll, PhD, ATC
Period: 2002 to 2009
Amount: \$528,350
Description: The purpose of this contract was to support graduate students for athletic training/physical therapy services.

Source: Fork Union Military Academy
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2009
 Amount: \$61,750
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Virginia Military Institute
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2009
 Amount: \$253,410
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: St. Anne's-Belfield School
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2009
 Amount: \$135,300
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Blue Ridge School
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2009
 Amount: \$98,950
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Fishburne Military School
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2004 to 2009
 Amount: \$52,200
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Hampden Sydney College
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2006
 Amount: \$50,450
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Longwood University
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2004
 Amount: \$19,576
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Woodberry Forest School
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 2002 to 2004
 Amount: \$21,550
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Clay County School Corporation (Northview High School)
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 1996-2001
 Amount: \$17,500
 Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Northeast School Corporation (North Central High School)
 PD: Christopher D. Ingersoll, PhD, ATC
 Period: 1996-2001
 Amount: \$17,500

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Description: The purpose of this contract was to support graduate students for athletic training services.

Source: South Vermillion Community School Corporation (South Vermillion High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1996-2001

Amount: \$10,500

Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Southwest Parke Community School Corporation (Riverton Parke High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1996-2001

Amount: \$17,500

Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Illinois School District 95 (Paris High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1999-2001

Amount: \$8,400

Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Greencastle Community School Corporation (Greencastle High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1999-2001

Amount: \$7,000

Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Southwest School Corporation (Sullivan High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1996-2001

Amount: \$17,500

Description: The purpose of this contract was to support graduate students for athletic training services.

Source: Vigo County School Corporation (North Vigo High School, South Vigo High School, West Vigo High School)

PD: Christopher D. Ingersoll, PhD, ATC

Period: 1996-2001

Amount: \$52,500

Description: The purpose of this contract was to support graduate students for athletic training services.

OTHER EXTRAMURAL FUNDING ACTIVITIES/GIFTS:

1. Redcord, AS (Norway): Gift for research relating to sling-based exercise, 2007-2009, \$50,000.
2. Claude I. Howard Foundation: Gift for development of the UNLV Sports Injury Research Center Building, November, 1990, \$150,000.
3. Steven Thomas, MD: Gift for equipment purchase, UNLV Sports Injury Research Center, December, 1990, \$40,000.

DISSERTATION, THESIS, PROJECT AND MENOTRING COMMITTEES:

DISSERTATION COMMITTEES:

1. Pietrosimone BG. Transcutaneous electrical nerve stimulation as a disinhibitory modality in patients with tibiofemoral knee osteoarthritis. Chair, 2009. [Assistant Professor, University of North Carolina at Chapel Hill]
2. Jackson KR. The effect of different exercise training interventions on lower extremity biomechanics and quality of movement in high school female athletes. Chair, 2009. [Assistant Professor, College of Charleston]
3. Grindstaff TL. Effects of a lumbopelvic joint manipulation on quadriceps activation in individuals with patellofemoral pain syndrome. Chair, 2009. [Assistant Professor, Creighton University]
4. Lee S-Y. Direct and indirect effects of alignment, range of motion, and gait measures on medial tibial stress syndrome status in runners. Member, 2009. [Assistant Professor, Yonsei University, Korea]

5. Drewes LD. Effects of rehabilitation incorporating short foot exercises on functional outcomes for chronic ankle instability. Member, 2009. [Research Scientist, University of Virginia]
6. Russell S. Ambulation in spastic cerebral palsy: analysis and predictive modeling. Member, 2009. (Biomedical Engineering)
7. Hammill R. The effects of an abdominal training program on core stability and quadriceps motoneuron pool excitability. Chair, 2008. [Associate Professor, Bridgewater College]
8. Tuzson A. Comparison of older adults walking with an anterior, posterior and without a wheeled walker. Chair, 2008. [Director of Research, Inpatient Physical Therapy, University of Virginia Health System]
9. McKeon P. Effects of balance training on postural control, gait, and function in those with chronic ankle instability, Member, 2007. [Assistant Professor, Ithaca College]
10. Kelln B. Clinical effects of early, active range of motion via stationary cycling with reduced pedal arm length in knee surgery patients, Member, 2007. [Director of Clinical Support Services, Naval Health Clinic Hawaii]
11. Livingston SC. Electrophysiologic evidence for the acute effects of concussion: a study of transcranial magnetic motor-evoked potentials, Chair, 2006. [Assistant Professor, University of Kentucky]
12. Aronson PA. Medial collateral ligament stiffness in males and females, Chair, 2005. [Professor, Lynchburg College]
13. Hart JM. Quadriceps inhibition and gait kinetics following fatiguing isometric lumbar paraspinal exercise, Chair, 2005. [Assistant Professor, University of Virginia]
14. Leonard JL. Fatigue rate, central activation ratio, and EMG analysis in volunteers with quadriceps muscle inhibition following isokinetic quadriceps fatigue, Chair, 2005. [Assistant Professor, James Madison University]
15. Garrison JC. The effects of a 4 week hip strengthening program on hip and knee joint moments during landing maneuvers, Chair, 2005. [Research Physical Therapist, Texas Health Ben Hogan Sports Medicine]
16. Palmieri RM. The neuroendocrine response and spinal inhibitory processes involved in arthrogenic muscle response following an experimental knee joint effusion. Chair, 2003. [Associate Professor, University of Michigan]
17. Stone MB. The effects of local muscle fatigue on the threshold frequency of an electrically-induced cramp. Member, 2003. [Partner, Alegius Consulting, LLC, Provo, UT]
18. Krause BA. Effects of focal temperature change on the characteristics of the Hoffmann reflex and muscle response, Chair, 2002. [Research Assistant, Ohio University]
19. Hopkins JT. The effects of cryotherapy and TENS on arthrogenic muscle inhibition, Chair, 2000. [Professor, Brigham Young University]

THESIS COMMITTEES:

1. Dalton E. Neuromuscular changes after fatigue in an ACL reconstructed population, Member, 2009. (UVa)
2. Davis A. Quadriceps function following aerobic exercise in ACL reconstructed persons wearing knee braces, Member, 2009. (UVa)
3. Guthrie R. Effect of supine bridging or sling bridging exercise on transversus abdominis activation ratio in individuals with low back pain, Member, 2009. (UVa)
4. Klykken L.* Effect of acute lateral ankle sprain on motor neuron pool excitability of the lower leg muscles, Member, 2009. (UVa)
5. Norte G.* Relationship between transcranial magnetic stimulation and percutaneous electrical stimulation in determining quadriceps activation ratio, Chair, 2009. (UVa)
6. Orozco C. Postural control in persons with low back pain following stabilization exercises, Member, 2009. (UVa)
7. Parsley A. Effect of three different ankle braces on functional performance and ankle range of motion, Member, 2009. (UVa)
8. Rupp K.* Cold water immersion has no effect on repeated maximal performance in collegiate soccer players, Member, 2009. (UVa)
9. Frommer L. Concussion symptomatology between sexes in high school athletes, Member, 2008. (UVa)
10. Gibbons C. The effect of transcranial magnetic stimulation on volitional quadriceps activation in port-operative partial meniscectomy patients, Chair, 2008. (UVa)
11. Huang J.* Sling exercise therapy vs. traditional warm-up and its effect on velocity and accuracy of throwing, Member, 2008. (UVa)

12. Huggins R.* Sling exercise therapy with and without vibration and its effect on quadriceps activation in meniscectomy patients, Chair, 2008. (UVa)
13. Michel A. Foot orthotics do not affect static lower extremity alignment, Member, 2008. (UVa)
14. Negishi N. Quadriceps activation after cryotherapy and active therapeutic exercise in subjects with anterior knee pain, Chair, 2008. (UVa)
15. Park J.* Knee extension exercises do not immediately increase quadriceps activation in individuals with anterior knee pain, Chair, 2008. (UVa)
16. Young J. Plantar pressure distribution during functional tasks with different styles of football cleats, Member, 2008. (UVa)
17. DeDore L. The influence of youth sport experience on knee abduction angles during unanticipated cutting in adult females, Member, 2007. (UVa)
18. Guisbert K. The effect of cryotherapy on arthrogenic muscle inhibition following ACL reconstruction, Chair, 2007. (UVa)
19. Huffman D. The Effects of Menthol Counterirritant on Quadriceps Motoneuron Pool Excitability, Chair, 2007. (UVa)
20. Koroch M. The effects of posterior talocrural joint mobilizations following a lateral ankle sprain, Member, 2007. (UVa)
21. Page J. The effects of contrast bath on a post-immobilized ankle, Member, In progress. (UVa)
22. Read B. Time since last ankle sprain influences dynamic balance and self-reported function, Member, 2007. (UVa)
23. Seibert R. The effects of quadriceps fatigue on dynamic balance, Chair, 2007. (UVa)
24. Teeter C. Effect of duration and amplitude of direct current on lidocaine delivered by iontophoresis, Member, 2007. (UVa)
25. Burston A. Chair, In progress. (UVa)
26. Wilson J. A 20 minute anterior stress to the knee does not cause a decrease in the H:M ratio of the vastus medialis over time, Chair, 2007. (UVa)
27. Uczekaj E. The effects of low back fatigue and chronic low back pain on lower extremity H-reflexes. Chair, 2006. (UVa)
28. Friscia B. Anterior shoulder laxity is not correlated with medial elbow laxity in high school baseball players. Chair, 2006. (UVa)
29. Pietrosimone B.* Effects of joint angle and contraction mode on quadriceps activation. Chair, 2006. (UVa)
30. Martilik T. Exertion has no effect on neuropsychological test performance in high school athletes. Chair, 2006. (UVa)
31. Orme S. A 30-minute valgus stress to the knee does not cause a decrease of the H:M ratio of the VMO over time. Chair, 2006. (UVa)
32. Spadafora A. Chair, In progress. (UVa)
33. Day J. The differences in computerized neuropsychological test scores between testing environment and testing sequences. Chair, 2006. (UVa)
34. Stein A. Effect of textured insoles on postural control in those with chronic ankle instability. Member, 2006. (UVa)
35. Kelso M. Correlations between lower extremity malalignments and medial tibial stress syndrome. Member, 2006. (UVa)
36. Flavell A. Effects of posterior rotator cuff fatigue on scapular upward rotation in subacromial impingement syndrome. Member, 2006. (UVa)
37. Landrum E. Effect of talocrural mobilizations on dorsiflexion and joint stiffness. Member, 2006. (UVa)
38. Thomas A.* Efficacy of hyaluronic acid and corticosteroid injections: is there a difference between the sexes? Member, 2006. (UVa)
39. Drewes L.* Comparison of gait kinematics in chronic ankle instability and healthy populations. Member, 2006. (UVa)
40. Janciatis G. Short term effects of Kinesio taping on symptoms of patellofemoral pain syndrome. Member, 2006. (UVa)
41. Wadsworth S. Relationships between hip and shoulder rotation range of motion in collegiate baseball pitchers and non-throwing athletes. Member, 2006. (UVa)
42. Hylton P. The effects of glenohumeral external rotator fatigue on scapular positioning patterns. Member, 2005. (UVa)
43. Olsavsky A. A comparison of sweat rates between male and female distance runners. Chair, 2005. (UVa)
44. Myers J. Effects of wrist flexor fatiguing exercise on medial elbow stability. Chair, 2005. (UVa)
45. Headlee D.* The effects of intrinsic foot muscle fatigue on navicular drop. Member, 2005. (UVa)

46. Jackson K.* Kinetic analysis of the lower extremity while performing balance and landing tasks in prepubescent males and females. Member, 2008. (UVa)
47. Baca D. The magnitude of the acute inflammatory response following a bout of maximal eccentric exercise at various isokinetic velocities. Chair, In progress. (UVa)
48. Holley J. A relationship between knee joint moments, hyperpronation and hypopronation during treadmill running and drop landings in females. Chair, 2007. (UVa)
49. Sedory E. Arthrogenic muscle response of the quadriceps and hamstrings in subjects with self reported chronic ankle instability. Member, 2005. (UVa)
50. Corbin D. The effect of textured insoles on postural control in double and single limb stance. Member, 2005. (UVa)
51. Carroll D. The relationship between lower extremity clinical measures and knee joint moments. Chair, 2006. (UVa)
52. Gontkof L. Differences between Graston-instrumented soft tissue mobilization, Swedish massage and no manual therapy in the treatment of DOMS. Member, 2005. (UVa)
53. Henefeld J. Knee joint ligament stiffness before and after exercise. Chair, In progress. (UVa)
54. Putnam JB. Mechanical instability as measured by ligament stiffness in assessing functional instability. Chair, 2005. (UVa)
55. Golofski L. Hormonal influence on ACL stiffness. Chair, 2005. (UVa)
56. Aumann K. The relationship between hip flexor fatigue and low back pain. Chair, 2004. (UVa)
57. Silcox K. The effect of hamstring biofeedback training on hamstring recruitment during functional activities. Chair, 2004. (UVa)
58. Tessier DG. The effect of exercise on pelvic tilt and EMG activity of the hamstrings when landing. Chair, 2004. (UVa)
59. Berg C. The effect of cryotherapy on peroneal reaction times following sudden inversion. Chair, 2005. (UVa)
60. Bowman TG.* Neuromuscular control before and after a pitching simulation to fatigue. Chair, 2004. (UVa)
61. Oliver C. The relationship between the strength of the dynamic stabilizers of the UCL and medial elbow instability. Chair, 2004. (UVa)
62. Weniger G. The effects of long term quadriceps stretching on patients with patellofemoral pain syndrome. Chair, 2005. (UVa)
63. Swaney M. The effects of a core stabilization training program on ball velocity and muscle activation in former baseball pitchers. Chair, 2004. (UVa)
64. Tobianski N. Does the use of soccer headgear attenuate impact forces and acceleration on the head while heading a soccer ball. Chair, 2004. (UVa)
65. Williams L. The effects of sleep deprivation on neuropsychological tests. Chair, 2004. (UVa)
66. Bauby H. Shoe-surface interaction has no effect on electromyography during side-step cutting maneuvers in female collegiate soccer and lacrosse players. Chair, 2003. (UVa)
67. Bland JA. Lower extremity excitation during maximum voluntary teeth clenching does not influence vertical jump height. Chair, 2003. (UVa)
68. Cady HL. Mild exercise during a halftime does not improve vertical jump performance. Chair, 2003. (UVa)
69. Funkhouser B. Identifying disordered eating behavior as a risk factor for stress reaction injury in male athletes. Chair, 2005. (UVa)
70. Martin C. The effects of static stretching on vertical jump performance. Chair, In progress. (UVa)
71. McVey ED.* Arthrogenic muscle inhibition is present in patients exhibiting functional ankle instability. Chair, 2003. (UVa)
72. Meier PD. Fasting blood glucose levels have no effect on concussion resolution index scores. Chair, 2003. (UVa)
73. Coonradt EP. Repetitive overhead activity does not affect anterior humeral head translation. Chair, 2003. (UVa)
74. Reinhart A. Repeated administration of the concussion resolution index demonstrated a practice effect in non-concussed subjects. Chair, 2003. (UVa)
75. Russell K.* Knee flexion angle increases valgus knee angle and surface gluteus medius EMG activity during a single leg drop jump. Chair, 2003. (UVa)

76. Tashiro T. Site of ultrasound application over the hamstrings during stretching does not enhance knee extension range of motion. Chair, 2003. (UVA)
77. Wolfe H. Inter- and intra-rater reliability of the LigMaster for anterior translation of the shoulder. Chair, In progress. (UVA)
78. Scott B. The effects ankle stabilization of functional performance: a meta-analysis, Member, 2002. (ISU)
79. Halwes B. Effect of soft orthotic and soft insole on ground reaction forces following a drop jump, Member, 2004. (ISU)
80. Mathie WR. Determining the reliability and validity of skinfold testers when estimating body composition in Indiana high school wrestlers, Chair, In progress. (ISU)
81. Sugiura S.* Predictive factors of perceived stress and work related strain among collegiate athletic trainers, Member, 2002. (ISU)
82. Keller VS. Collegiate female soccer players' perceptions of external ankle support on functional performance, Member, 2002. (ISU)
83. Taake K. Perceptions of practice restrictions by certified athletic trainers, Member, 2002. (ISU)
84. Dortch R. High school grade point average predicts admission to an entry level CAAHEP accredited athletic training education program, Member, 2002. (ISU)
85. Burr P. Does altering intensity for 1 MHz ultrasound treatment prolong intramuscular temperature elevation?, Member, 2002. (ISU)
86. Campbell H. Effects of cryotherapy on muscle fatigue, Member, 2002. (ISU)
87. Carpenter B. Warm-up effects on hip flexion range of motion and retention following a single bout of stretch, Member, In progress. (ISU)
88. Giannini A. Differences in pre-hospital emergency care for critically injured athletes: an analysis of protocol differences between athletic trainers and EMS personnel, Chair, 2001. (ISU)
89. Pedroza A. The effects of fatigue on barognosis of the quadriceps, Chair, 2001. (ISU)
90. Frenkiewich B. Patellofemoral pain effect on motor neuron pool availability, Chair, 2001. (ISU)
91. Kauffmann K. Elastic tubing versus plyometrics in increasing the strength and power of the rotator cuff, Member, 2001. (ISU)
92. Willson L. The effect of time and fatigue on motoneurone pool excitability in soleus, Member, In progress. (ISU)
93. Hatachi T. Effects of kinesiotape on the muscle strength versus athletic tape and elastikon, Member, In progress. (ISU)
94. Judd K. An electromyographic analysis of two closed chain shoulder exercises, Member, 2001. (ISU)
95. Sreniawski S. A comparison of the heating effect of hot packs and therapeutic exercise on rectus intramuscular temperature at 1 cm below the subcutaneous tissue in uninjured persons, Member, 2001. (ISU)
96. Jamison C. Rewarming effects on intramuscular temperature during active exercise after application of cryotherapy, Chair, 2001. (ISU)
97. Tsukahara M. The use of imagery during cryotherapy to measure reduced pain, Chair, 2001. (ISU)
98. Leonard J.* Varying ultrasound parameters and their effects on tissue temperature, Chair, 2000. (ISU)
99. Lin H-H.* Comparison of the effects of a hotpack, ultrasound and hot pack combined with ultrasound on stretching of the calf muscle, Chair, 2001. (ISU)
100. Bloomquist C. Trends and use of herbal drugs in an athletic population, Chair, 2000. (ISU)
101. Fukunaga S. The effects of control breathing on hip range of motion, Chair, 2000. (ISU)
102. Ognibene N. Effects of the Breathe Right nasal strip on oxygen consumption, heart rate, and perceived exertion in subjects with clinically diagnosed nasal obstruction, Chair, 2000. (ISU)
103. Heller E. Student athletes' perceptions of student athletic trainers versus certified athletic trainers, Chair, 2000. (ISU)
104. Coehlo MC. The effects of the Backplaster on pain from DOMS, Chair, 2000. (ISU)
105. Otte J. The effects of subcutaneous adipose tissue on cooling time, Chair, 2000. (ISU)
106. Stone M.* Effect of bromolain, ibuprofen, and Chromozyne on recovery from DOMS, Chair, 2000. (ISU)
107. Livecchi NM.* Effects of pragmatic and didactic teaching styles on success of undergraduate allied health students, Chair, 2000. (ISU)
108. Tanaka S. Isokinetic shoulder internal and external rotational strength (peak torque) among the scapular plane with 45 and 90 degree abduction and the frontal plane with 45 and 90 degree abduction, Chair, 2000. (ISU)
109. Palmieri R.* How chronic ankle bracing effects the spectral quality of postural sway, Chair, 2000. (ISU)

110. Armstrong B. The effects of fatigue in hip musculature on squat lifting, Chair, 1999. (ISU)
111. Bodensteiner J. The effect that the psychological state an athlete has on inhibition after injury as measured by EMG, Chair, 1999. (ISU)
112. Brower K. The difference between undergraduate and graduate athletic training students' learning styles in the classroom, Chair, 1999. (ISU)
113. Franek T.* Clinical interactions between certified athletic trainers and different student athletic trainers groups, Chair, 2001. (ISU)
114. Jutte L.* Comparison of deep tissue temperature and skin surface temperature during ice application, Chair, 1999. (ISU)
115. Staub M. The effect of knee bracing on functional activities such as vertical jump and speed, Chair, 1999. (ISU)
116. Sweeney K. Therapeutic effects of magnets on pain and range of motion, Chair, 1999. (ISU)
117. Doyle K. Subjective analysis and functional testing of athletes using knee brace post injury and rehabilitation, Member, 1999. (ISU)
118. Boone L. Application of the stretching window ultrasound treatment followed by stretching, Chair, 1998. (ISU)
119. Rabenberg V.* The bactericidal and cytotoxic effects of antimicrobial wound cleansers, Chair, 1998. (ISU)
120. Someya T. Comparison of effect of tubing training, free weight training on rotator cuff muscle strength, Chair, 1998. (ISU)
121. Watson A. Bone density in distance runners (female), Member, 1998. (ISU)
122. Fukai M. Comparison between massage therapy and modality for low back pain, Member, 1998. (ISU)
123. Hubert J. Computer assisted learning in athletic training, Member, 1998. (ISU)
124. Sekizawa K. Foot and proprioception and shoes neural adaptations, Member, 1998. (ISU)
125. Andrews A. Eccentric strength training methods effects on hamstring EMG activity: a look at weight training vs plyometrics, Chair, 1997. (ISU)
126. Kan S. Comparison of range of motion by ankle braces before and after exercise, Chair, 1997. (ISU)
127. Hopkins J.* An EMG comparison of four closed kinetic chain exercises with limited knee range of motion, Chair, 1997. (ISU)
128. Kono T. A comparison of the effects of acupuncture, acupuncture and TENS or TENS alone on pain associated with delayed onset muscle soreness, Chair, 1997. (ISU)
129. Sewell J. Functional training vs traditional weight training when testing peroneal reaction time, Chair 1997. (ISU)
130. Buckley T.* The effect of Russian stimulation with voluntary exercise on muscle power of the quadriceps, Member 1997. (ISU)
131. Glazer DD.* EMG biofeedback improves VMO/VL ratio, Chair, 1996. (ISU)
132. Papanicolaou C. Patellar taping does not improve VMO/VL ratios, Chair, 1996. (ISU)
133. Konishi Y.* The comparison of EMG activities in DOMS following electrical muscle stimulation and exercise, Chair, 1996. (ISU)
134. Jameson TD. Correlation of isokinetic, isometric, and isotonic strength measurements to one-legged vertical jump. Member, 1996. (ISU)
135. Williams R.* Effects of ankle bracing and taping on muscle activity. Chair, 1995. (ISU)
136. Shuler D.* Effects of cooling the ankle, triceps surae or both on cutting force. Chair, 1995. (ISU)
137. Gruenewald S.* Validity of isokinetic and isotonic closed chain exercises. Chair, 1995. (ISU)
138. Diede M.* EMG analysis of the quadriceps and biceps femoris during a functional activity following cooling. Member, 1995. (ISU)
139. Matsushita T. Effect of cooling on secondary injury with delayed onset muscle soreness. Member, 1995. (ISU)
140. Welch S.* Effects of cooling on joint stiffness. Member, 1995. (ISU)
141. Gettmann M. The effects of stretching and counterirritants on hip range of motion. Member, 1995. (ISU)
142. Cordova M.* Isotonic and isokinetic predictions of functional strength. Chair, 1994. (ISU)
143. Gruca P. Effects of knee braces on agility. Chair, 1994. (ISU)
144. Evans T.* The effects of cooling on agility. Chair, 1994. (ISU)

145. Gambill A. Effects of selected sit up protocols on abdominal strength. Chair, 1994. (ISU)
146. Kinzey S.* The effects of bracing on postural sway. Chair, 1994. (ISU)
147. Streater S.* The role of sensory information on affective pain. Chair, 1994. (ISU)
148. Thieme HA.* Knee joint position sense following therapeutic heat and cold. Chair, 1992. (ISU)
149. Merrick MA.* The effects of cold and compression on tissue temperatures at various depths. Member, 1992. (ISU)
150. Olson KD. Strength, speed, and power gains with isokinetic training versus isotonic training with the DAPRE technique. Committee Member, 1992. (ISU)

*Pursuing or completed doctoral degree

MASTERS RESEARCH PROJECTS:

1. Hazelwood M, Johnson J. Collegiate wrestlers' weight, eating patterns, and hydration status changed during post-season versus peak-season: a pilot study, Chair, 2002. (ISU)
2. Meeuwsen E, Knight J. Learning styles of entry level athletic training students vary between didactic and clinical instruction settings, Member, 2002. (ISU)
3. Rossi J, Cooper J. Stretch retention effect after cessation of static stretching protocol on the hamstrings muscle group, Chair, 2002. (ISU)
4. Hockaday A, Groesch J. The effects of ankle support on the EMG activity of the peroneus longus and knee stabilizers during sudden inversion, Member, 2001. (ISU)
5. Stocklosa D, Lanza N. The effect of magnets on the physiological strength of the quadriceps and wrist extensors during an isometric break test, Member, 2001. (ISU)
6. Durfey A, Buttz D. College football players' perceptions of performance, injury risks and injury rates on artificial turf compared to natural grass, Chair, 2001. (ISU)
7. Tompkins M, Jennings Y. The effects of direct and indirect ultrasound on intramuscular temperature, Chair, 2001. (ISU)
8. Jochim J, Lawrence L. Arch Index and muscle strength deficits in the hip, Member, 2000. (ISU)
9. Hoppel K, Huck B. The response of the Hoffmann reflex to the administering of cryostretch for treatment of DOMS in the triceps surae musculature, Chair, 2000. (ISU)
10. Laramie M, De La Garza B, Brooks J. The effects of long-term ankle bracing on strength and H-reflex of the soleus, Member, 2000. (ISU)
11. Nowak P, Crumley M. A comparison of ultrasound and active exercise on ROM, Member, 2000. (ISU)
12. Rancourt L, Serwa J. The effects of Flex-Wrap and varying amounts of pressure on skin surface and intramuscular temperature, Member, 2000. (ISU)
13. Dorrough J, Orton K. Decreasing rearfoot velocity: a comparison of prophylactic ankle braces, Member, 2000. (ISU)
14. Berg T, Fisher H. Does fatigue predispose a high school football player to cervical neck injuries while wearing a ProCap?, Member, 1999. (ISU)
15. Bolles J, Keck A, Mazelin M. Optimal stretch holds using the H-reflex of the soleus, Chair, 1999. (ISU)
16. Cardona C. The effects of semirigid ankle braces on inversion ankle sprains, Member, 1999. (ISU)
17. DeNisco F, Pickard T, Manzo G. The effect of creatine on power output in hot/humid environments, Member, 1999. (ISU)
18. Fahey S, Smith M. Differences in tissue temperature change during ultrasound treatments with various topical analgesics, Member, 1999. (ISU)
19. Mihalyov M, Rothmeier J. The effects of ultrasound combined with hot pack application on hamstring flexibility, Member, 1999. (ISU)
20. Nishi Y, Shoger M. The effects of Kinesio-tape on pain and inflammation induced by DOMS, Member, 1999. (ISU)
21. Selseth A, Muir M. Closed kinetic chain exercises comparing quad vs. hamstring strength ratios, Member, 1999. (ISU)
22. Stoever N, Brown S. Comparative study on stretching concurrent with ultrasound, stretching alone and stretching following ultrasound to increase range of motion, Member, 1999. (ISU)

23. Vaughan F, Wilson S. Which cervical orthosis limits the most neck acceleration in flexion, extension and lateral flexion movements in college-aged football players?, Member, 1999. (ISU)
24. Anderson D, Wheeler R. Cervical spine movement during lifts, Chair, 1998. (ISU)
25. Fiore B, Hooker R. Effectiveness of spinal immobilization techniques (time/motion), Chair, 1998. (ISU)
26. Mead J, Daigneault B. Postural sway and EMG activity while wearing an ankle brace, Chair, 1998. (ISU)
27. Mollosky J, Kelly R, Hill J. Effect of ankle bracing on peroneus longus firing and strength, Member, 1998. (ISU)
28. Pack C*, Ozee J, Hodges J. EMG activity in ankle stabilizers in correlation to different strengthening exercises, Member, 1998. (ISU)
29. Piazza A, Grundmann T. Cervical spine movement during lifts, Member, 1998. (ISU)
30. Rizzo C, Anderson M, Glover T. Creatine monohydrate and its effects on thermoregulation, Member, 1998. (ISU)
31. Ingram T, Claus E, Fusco C. Occlusive dressings: which one affects healing time of abrasions, Chair 1997. (ISU)
32. Hayes E, Eastep C, Mochizuki M. Inspection of ice and contrast therapy as a means of controlling perceived pain associated with delayed onset muscle soreness, Chair 1997. (ISU)
33. Bequette L, Haertel S. Non-weight bearing methods of cardiovascular fitness: arm ergometer vs hydrotherapy, Chair 1997. (ISU)
34. Lansing K, Martin L, Anderson K. Comparison of six man lift and the log roll techniques of backboarding to determine which causes the least cervical spine movement, Chair 1997. (ISU)
35. Reynolds J, Yartym C, Webster K*. Which stretching protocol best improves hip flexor range of motion, Member 1997. (ISU)
36. Berg T, Camp A, Palmer JE. Exercise and orthotics do not reduce patellofemoral pain, Chair, 1996. (ISU)
37. Davis TS, Jackson TJ. Sprinting: the effects of warm up and stretching, Chair, 1996. (ISU)
38. Palmer VT. The effects of soccer heading on postural sway, Chair, 1996. (ISU)
39. Baack RS, Honard MP. Rehabilitation/treatment adherence in high school athletes, Chair, 1996. (ISU)
40. Okuda I*. The effect of ice application on nerve conduction velocity and muscle force, Member, 1996. (ISU)
41. Hannan RA, Margarucci K, Merkovsky SM. The effects of heating and cooling the shoulder on pitching velocity and accuracy, Member, 1996. (ISU)
42. Barr EW, Gibbs CB. The effect of different types of cold applications on skin temperature and intramuscular temperature, Member, 1996. (ISU)
43. Danielson RL, Jaeger JS, Rippetoe J. Differences in skin surface temperature and compression pressure with respect to various cold and compression devices, Member, 1996. (ISU)
44. McDonough E, Strauss K, Apel T. Effects of cooling the ankle, triceps surae or both on standing balance. Chair, 1995. (ISU)
45. McLellan R, Murray J, Osowski S. Effects of ankle bracing and taping on static and dynamic vertical jumping. Chair, 1995. (ISU)
46. Halls G, Kingsley C. Effects of fatiguing the vastus medialis obliquus on patellar position. Chair, 1995. (ISU)
47. Thomeczek M*, Wilk L. Effects of cooling the foot and ankle on pressure distribution under the foot. Chair, 1995. (ISU)
48. Brooks K. Effects of cold on baragnosis. Chair, 1995. (ISU)
49. Mahar C, Narodowy A, Donatello A. Effect of cooling on reaction time. Member, 1995. (ISU)
50. Riles R, Mullin R, Curran C. EMG analysis of isotonic and isokinetic quadriceps contractions. Member, 1995. (ISU)
51. Casterline M, Crane D. Pain and blood pressure ratings following cold immersion in experienced and novice users. Member, 1995. (ISU)
52. Wolf SA. Habituation to the intensity of cold-induced pain. Committee Member, 1990. (UNLV)

*Pursuing or completed doctoral degree

MENTORING COMMITTEES:

Larriviere D. Multidisciplinary Training Program in Clinical Investigation, University of Virginia, 2007.

LECTURES AND WORKSHOPS:

1. Lecture: "Scientific Writing," University of Virginia Department of Physical Medicine & Rehabilitation Grand Rounds
 - July 13, 2007
 - July 8, 2008
2. Lecture: "Arthrogenic Muscle Inhibition: The Limiting Factor in Rehabilitation," University of Virginia Department of Physical Medicine & Rehabilitation Grand Rounds, August 16, 2005.
3. Lecture: "Scientific Writing," University of Virginia Multidisciplinary Training Program in Clinical Investigation
 - November 23, 2004
 - November 22, 2005
 - November 14, 2006
 - November 13, 2007
 - November 12, 2008
4. Lecture: "A Model for Studying Arthrogenic Muscle Inhibition," Indiana State University Department of Life Sciences Seminar Series, February 1, 2000.
5. Lecture: "Athletic Training as a Career," Chauncey Rose Middle School, April 1, 1998.
6. Lecture: "Athletic Training Education," Fuji Athletic and Business College, Tokyo, Japan, December 5, 1997.
7. Lecture: "Athletic Training as a Career," Jackson Township 5th Grade Classes, February 21, 1997.
8. Lecture: Biomechanics of the Patellofemoral Joint, Indiana State University Department of Life Sciences Seminar Series, January 30, 1996.
9. Lecture: The Biomechanics of Closed Kinetic Chain Exercise, PT 528: Principles of Open and Closed Kinetic Chain Exercise, Krannert Graduate School of Physical Therapy, University of Indianapolis
 - July 20, 1996
 - July 10, 1995
 - September 23, 1994
 - July 8, 1994
 - September 24, 1993
 - November 6, 1992
 - March 12, 1992
10. Workshop: "Sports Medicine," Program for Athletic Coaches' Education
 - Northview High School, Brazil, IN, July 31, 1993
 - Tri-West Hendricks High School, Lizton, IN, September 26, 1992
 - Fountain Central High School, Veedersburg, IN, August 22, 1992
 - Greenwood High School, Greenwood, IN, June 20, 1992
11. Lecture: "Strength Development Modes," Indiana State University Strength and Fitness Club, Indiana State University, February 17, 1993.
12. Lecture: "Assessment of Balance Following Closed-Head Injury," Krannert Graduate School of Physical Therapy, University of Indianapolis, February 12, 1993.
13. Workshop: "Athletic Training Education," UNLV Student Athletic Trainer Workshop, University of Nevada, Las Vegas, October 20, 1990.
14. Workshop: "Southern Nevada Pop Warner Football Conference Trainers' Workshop," University of Nevada, Las Vegas, August 4, 1990.
15. Lecture: "Athletic Training as a Career," Las Vegas High School Career Class, June 1, 1990.
16. Lecture: "Head and Neck Injuries in Sports," University of Toledo Student Athletic Trainer Workshop, University of Toledo
 - July, 1988
 - July, 1987

PROFESSIONAL AFFILIATIONS/LICENSES/CERTIFICATIONS:

1. National Athletic Trainers' Association, Certified Member and Fellow, Membership #841092
2. American College of Sports Medicine, Fellow, Membership #35064

3. Association of Schools of Allied Health Professions, Fellow
4. Board of Certification (Athletic Training), Certification #04-2053 (1987 to present)
5. State of Ohio Occupational Therapy, Physical Therapy & Athletic Trainers' Board, Athletic Trainer License #AT.004615 (2015 to present)
6. State of Michigan Department of Community Health, Athletic Trainer Board, Athletic Trainer License #2601000039 (2010 to present)
7. Commonwealth of Virginia Board of Medicine, Athletic Training License #0126000435 (2002 to 2009)
8. Society for Neuroscience, Member, Membership #100034674
9. Council of Science Editors, Member (2004-2012)
10. World Association of Medical Editors, Member (2009-2012)
11. Mid-Atlantic Athletic Trainers' Association, Certified Member (2002-2009)
12. Virginia Athletic Trainers' Association, Certified Member (2002-2009)
13. Great Lakes Athletic Trainers' Association, Certified Member (1991-2002, 2009 to present)
14. Indiana Athletic Trainers' Association, Certified Member (1991-2002)

PROFESSIONAL SERVICE ACTIVITIES:

EDITORSHIPS, EDITORIAL BOARDS AND MANUSCRIPT/GRANT REVIEWING:

1. Consulting Editor, *Journal of Athletic Training*, Official Publication of the National Athletic Trainers' Association, the Japan Athletic Trainers' Organization and the Taiwan Athletic Trainers' Association, July 2012 to present
2. Editor-in-Chief, *Journal of Athletic Training*, Official Publication of the National Athletic Trainers' Association, the Japan Athletic Trainers' Organization and the Taiwan Athletic Trainers' Association, June 2004 to June 2012
3. Editor, *Journal of Sport Rehabilitation*, Champaign, IL: Human Kinetics, January 2000 to February 2004
4. Editorial Board, *Training & Conditioning*, February 2001 to present
5. Editorial Board, *Journal of Human Sport and Exercise*, June 2009 to present
6. Founding Editor, ATHTRN-L, an electronic discussion list for athletic trainers, May 1993 to November 1999
7. Associate Editor, *Journal of Athletic Training*, Official Publication of the National Athletic Trainers' Association, April 1994 to June 1997
8. Consulting Editor, *Journal of Athletic Training Supplement*, volumes 31 to 34, 1996 to 2000
9. Editorial Board, *Journal of Athletic Training*, Official Publication of the National Athletic Trainers' Association, June 1989 to April 1994; August 1997 to June 2004.
10. Editorial Board, *Journal of Sport Rehabilitation*, Human Kinetics Publishers, February 1994 to December 1995
11. Manuscript Reviewer
 - American Society for Testing and Materials Special Technical Publications
 - *Archives of Physical Medicine & Rehabilitation*
 - *Athletic Training Education Journal*
 - *British Journal of Sports Medicine*
 - *Case Reports in Rheumatology*
 - *Clinical Rehabilitation*
 - *Cytokine*
 - *European Journal of Applied Physiology*
 - *European Journal of Sport Science*
 - *Gait & Posture*
 - *IAHPERD Journal*
 - *International Journal of Sports Medicine*
 - *Journal of Applied Biomechanics*

- *Journal of Athletic Training*
- *Journal of Manipulative and Physiological Therapeutics*
- *Journal of Orthopaedic and Sports Physical Therapy*
- *Journal of Orthopaedic Research*
- *Journal of Sport Rehabilitation*
- *Medicine and Science in Sports and Exercise*
- *Neuroscience Letters*
- *PM&R*
- *Sensors*
- *Sports Health*
- *Sports Medicine*

12. Grant Reviewer

- National Athletic Trainers' Association Research & Education Foundation
- Natural Sciences and Engineering Research Council (NSERC) of Canada
- The Association of Schools of Allied Health Professions Interdisciplinary Research Award
 - Program Chair, 2013

NATIONAL COMMITTEES:

1. Commission on Accreditation of Athletic Training Education (CAATE)
 - Standards Committee, October 2013 to present
 - Post-Professional Transition Team, June 2013 to January 2014
 - Review Committee, June 2013 to October 2013
2. Association of Schools of Allied Health Professions (ASAHP)
 - Research Committee
 - Chair, 2014 to present
 - Member, 2010 to 2014
 - Annual Meeting Planning Committee, 2016
3. National Athletic Trainers' Association
 - Chair, Outcomes Advisory Panel, March 2007 to June 2008
 - Member, Uniform Terminology Project, March 2005 to present
 - Member, Educational Degree Task Force, August 2004 to August 2005
 - Education Council Executive Committee, May 1997 to June 2000, liaison: June 2000 to June 2004
 - Chair, Post-Certification Graduate Education Committee, May 1997 to June 2000
 - Member, Graduate Education Committee, Fall 2000 to Summer 2007
 - Member, Journal Committee, June 1991 to June 1997
 - Bone & Joint Decade Advisory Council, May 2000 to June 2009
4. National Athletic Trainers' Association Research & Education Foundation
 - President, June 2000 to June 2004
 - Vice President, September 1999 to June 2000
 - Chair, Research Committee, June 1996 to September 1999
 - Board of Directors, June 1996 to June 2004
 - Vice Chair, Research Committee, January 1995 to June 1996
 - Member, Research Committee, July 1992 to January 1995
5. National Safe Kids Campaign, Washington, DC
 - Research Technical Advisory Board, January 2003 to December 2005
 - Research Consultant, September 1999 to May 2000
6. Midwestern Association of Graduate Schools
 - Member, Graduate Standards Committee, September 2001 to August 2002
7. Delegate, American Academy of Orthopaedic Surgeons Measuring the Burden of Disease – Bone and Joint Decade: 2000-2010, October 1999

8. American College of Sports Medicine CME Team Physician Course Planning Committee, May 1996 to June 1997

STATE COMMITTEES:

1. President, Board of Trustees for the Mid-Central Regional Area Health Education Center, July 2012 to present
2. Member, Michigan Department of Community Health, Health Care Workforce Development Planning Team, May 2012 to present

SESSION MODERATION:

1. Session Moderator, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium in Indianapolis, IN*, Journal of Athletic Training reviewers' symposium, June 16, 2005.
2. Session Moderator, *NATA Foundation Youth Sports Consensus Meeting in Atlanta, GA*, Extent of Healthcare to Pediatric Sports Participants, November 18, 1999.
3. Session Moderator, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium in Salt Lake City, UT*, NATA Research & Education Foundation Grant Research Proposals, June 20, 1997.
4. Session Chair, *Annual Meeting of the American College of Sports Medicine in Dallas, TX*, Slide Session, 'Rehabilitation', May 29, 1992.
5. Session Chair, *Annual Meeting of the American College of Sports Medicine in Indianapolis, IN*, Slide Session, 'Head, Neck, and Spine', June 3, 1994.
6. Session Moderator, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium in Kansas City, MO*, Slide Session, 'Clinical Studies - Isokinetics', June 11, 1993.
7. Session Moderator, *National Athletic Trainers' Association Annual Meeting and Clinical Symposium in Dallas, TX*, NATA Research & Education Foundation Grant Research Proposals, June 11, 1994.
8. Panel Consultant, *Annual Meeting of the American College of Sports Medicine in Indianapolis, IN*, Clinical Case Abstract, 'Head/Neck I', June 1, 1994.
9. Panel Consultant, *Annual Meeting of the American College of Sports Medicine in Minneapolis, MN*, Clinical Case Abstract, 'Head/Neck I', May 31, 1995.

CONSULTATIONS:

- Ball State University regarding review of the School of Physical Education, Sport & Exercise Science, Fall 2014 to Spring 2015
- Boston University regarding review of Athletic Training programs in the Department of Physical Therapy & Athletic Training, Fall 2014 to Spring 2015
- University of South Florida regarding review of Athletic Training program in the Department of Orthopaedic Surgery, Summer 2014
- University of Oregon regarding program review of Department of Human Physiology, Spring 2014
- A.T. Still University regarding program review of Athletic Training programs, Spring 2013
- University of Idaho regarding Master of Science in Athletic Training and Doctor of Athletic Training programs, Spring 2012
- A.T. Still University regarding Post-Professional Athletic Training Education Program accreditation site visit, Spring 2009.
- Old Dominion University regarding Post-Professional Athletic Training Education Program accreditation site visit, Fall 2007.
- Brigham Young University regarding program review of the Department of Exercise Sciences, Fall 2007 to Spring 2008.
- University of North Carolina – Chapel Hill regarding program review of the Department of Exercise and Sport Science, Fall 2007.
- Scientific Advisory Board, Redcord AS, Spring 2007 – present
- Scientific Advisory Board, ActivCore LLC, Spring 2007 – Fall 2010
- University of Hawai'i regarding Post-Professional Athletic Training Education Program accreditation site visit, Spring 2007.
- Indiana University regarding Post-Certification Graduate Education Program accreditation site visit, Spring 2006.

- Campbell, Woods, Bagley, Emerson, McNeer & Herndon, PLLC, Huntington, WV: Expert witness for defendant regarding graduate athletic training education. March 2005 to May 2006.
- John Wiley & Sons Publishers, regarding electromyography. Spring 2005.
- Barron Associates, Charlottesville, VA, regarding physiological measurement systems. Fall 2004 to Spring 2009.
- Texas State University – San Marcos, review of kinesiology program, Fall 2004.
- Temple University regarding Post-Certification Graduate Education Program accreditation site visit, Fall 2003.
- Rocky Mountain University of Health Professions regarding Doctor of Science and Master of Science programs in Athletic Training, July 2003.
- Eastern Michigan University Human Subjects Review Committee regarding safety of nerve stimulation in humans, July 2003.
- United States House of Representatives: Briefing to the Bi-partisan School Health & Safety Caucus regarding school sports safety, September 27, 2000.
- Owen, Gleaton, Egan, Jones & Sweeney, LLP, Atlanta, GA: Consultant for plaintiff in *Ellison v. Schmitt*, December 2000.
- Abbate, Lawrence and Worden, PC, Melville, NY: Expert witness for plaintiff in *Schwerdt v. Vogelsinger*, October 1998 to January 2001.
- Washburn University: development of a CAAHEP-accredited athletic training education program, Summer 2000 to Fall 2000.
- University of Maine at Presque Isle: development of a CAAHEP-accredited athletic training education program, Fall 2000 to Spring 2001.
- University of Wisconsin – La Crosse: development of a degree program in athletic training, Spring 2000.
- University of Tennessee – Chattanooga: development of an integrated academic and service athletic training department, Summer 2000.
- University of Indianapolis Krannert Graduate School of Physical Therapy: research advisement and laboratory instrumentation operation and integration, Spring 1993 to Spring 1999.

COMMITTEES:

UNIVERSITY:

1. Enrollment Management Committee, Co-Chair: Fall 2012 to Fall 2014 (CMU)
2. Vice President for Enrollment and Student Services Search Committee, Co-Chair: Spring 2011 to Fall 2011 (CMU)
3. Vice President for Research and Graduate Studies Search Committee, Member: Fall 2010 to Spring 2011 (CMU)
4. Council of Deans, Member: Summer 2009 to Fall 2014 (CMU)
5. Academic Planning Council, Member: Summer 2009 to Fall 2014 (CMU)
6. University Budget Advisory Committee, Member: Summer 2009 to Fall 2014 (CMU)
7. Senior Staff Budget Advisory Group, Member: Summer 2009 to Fall 2014 (CMU)
8. Technology Planning Board, Member: Summer 2009 to Fall 2014 (CMU)
9. Faculty Senate Promotions and Tenure Reform Working Group, Member: Fall 2007 to Spring 2008 (UVa)
10. Multidisciplinary Training Program in Clinical Investigation Advisory Committee, Member: November 2006 to June 2009 (UVa)
11. Curry School of Education Dean Search Committee, Member: Summer 2006 to Spring 2007 (UVa)
12. Institutional Review Board, Alternate: Fall 2001 to Summer 2002 (ISU).
13. Institutional Effectiveness Committee, Member: Fall 2001 to Summer 2002 (ISU).
14. Enrollment Management Committee, Member: Fall 2001 to Summer 2002 (ISU).
15. President's Advisory Task Force on Analysis and Data, Member: Spring 2001 to Summer 2002 (ISU).
16. Indiana Black Expo Committee, Member: Summer 2001 to Fall 2001 (ISU).
17. Commencement Committee, Member: Fall 2000 to Spring 2002 (ISU).

18. Enrollment Planning Committee, Member: Fall 2000 to Summer 2002 (ISU).
19. NCA Accreditation/Strategic Planning Information Technology and Library Committee, Member: Fall 1998 to Spring 2000 (ISU).
20. Information Technology Advisory Committee, Member: Fall 1998 to Summer 2002 (ISU).
21. Center for Teaching and Learning Advisory Committee, Member: Fall 1995 to Spring 2002 (ISU).
22. Information Services Planning & Coordinating Committee, Member: Fall 1995 to Spring 1997 (ISU).
23. University Speakers Series Committee, Member: Fall 1993 to Spring 1995 (ISU).
24. Computer Center Director Search Committee, Member: Fall 1991 to Spring 1992 and 1994 (ISU).
25. Academic Computing Advisory Committee, Chair: Fall 1995 to Spring 1997; Member: Fall 1991 to Spring 1995; Fall 1997 to Fall 1998 (ISU).
26. Admissions Committee, Member: Fall 1990 to Summer 1991 (UNLV).

COLLEGE:

1. College of Medicine Founding Dean Search Committee, Chair: Fall 2009 to Spring 2010.
2. College of Education Scholarship and Honors Committee, Member: Fall 1989 to Summer 1991 (UNLV).

SCHOOL:

1. Curry School of Education Promotions and Tenure Committee, Chair: Fall 2007 to Summer 2008 (UVa).
2. Curry School of Education Endowed Chair Selection Committee, Member: Spring 2005 to Summer 2009 (UVa).
3. School of Medicine General Clinical Research Center Administrative Committee, Member: Summer 2002 to Summer 2009 (UVa).
4. School of Medicine General Clinical Research Center Advisory Committee, Member: Summer 2002 to Summer 2009 (UVa).
5. School of Graduate Studies Ad Hoc Committee on Theses and Dissertations, Member: Spring 1995 to Fall 1996 (ISU).
6. School of Health & Human Performance Executive Committee, Member: Fall 1993 to Spring 1996; Vice Chair: Fall 1995; Chair: Spring 1996 (ISU).
7. School of Graduate Studies Program Development Committee, Member: Fall 1994 to Spring 1995 (ISU).
8. School of Health & Human Performance Computer Advisory Committee, Chair: Spring 1992 to Spring 1995 (ISU).
9. School of Health, Physical Education and Recreation Computer Advisory Committee, Member: Fall 1991 to Spring 1992 (ISU).
10. School of Health, Physical Education and Recreation Restructuring Committee, Member: Spring 1990 to Summer 1991 (UNLV).
11. School of Health, Physical Education and Recreation Computer Committee, Member: Spring 1990 to Summer 1991 (UNLV).
12. School of Health, Physical Education and Recreation Exercise Physiology Position Search Committee, Chair: Fall 1990 to Summer 1991 (UNLV).
13. School of Health, Physical Education and Recreation Motor Control/Behavior Position Search Committee, Member: Fall 1990 to Summer 1991 (UNLV).
14. School of Health, Physical Education and Recreation Curriculum Committee, Member: Fall 1990 to Summer 1991 (UNLV).

DEPARTMENT:

1. Department of Human Services Sports Medicine/Athletic Training Faculty Search Committee, Chair: Spring 2006. (UVa)
2. Department of Human Services Sports Medicine/Athletic Training Faculty Search Committee, Chair: Spring 2003; Member: Fall 2003 to Spring 2004. (UVa)
3. Athletic Training Department Interim Undergraduate Athletic Training Education Program Director Search Committee, Chair: Spring 1995 (ISU).

4. Health & Safety Department Safety Management Search Committee, Member: Spring 1995 (ISU).
5. Athletic Training Department Honors & Awards Committee, Chair: Fall 1993 to Fall 2000 (ISU).
6. Athletic Training Department Undergraduate Curriculum Committee, Member: Fall 1993 to Fall 2000 (ISU).
7. Athletic Training Department Graduate Curriculum Committee, Member: Fall 1993 to Fall 2000 (ISU).
8. Athletic Training Department Undergraduate Athletic Training Education Program Director Search Committee, Chair: Spring 1993 (ISU).
9. Athletic Training Department Chair Search Committee, Member: Spring 1994 to Fall 1994 (ISU).
10. Department of Physical Education Interim Chair Search Committee, Member: Spring 1993 (ISU).
11. Department of Physical Education Exercise Physiology Search Committee, Member: Spring 1993 (ISU).
12. Department of Physical Education Undergraduate Athletic Training Program Director Search Committee, Chair: Fall 1992 to Spring 1993 (ISU).
13. Department of Physical Education Student Affairs Committee, Member: Fall 1992 to Spring 1993 (ISU).

BOARDS:

1. Central Michigan University Research Corporation Board of Directors, Secretary: Summer 2009 to Fall 2014
2. Michigan Health Information Alliance Board of Directors, Member: Summer 2009 to Fall 2014
3. Central Michigan University Foundation Board, Member: Fall 2009 to Fall 2014
4. Michigan Health Council Board of Trustees, Member: November 2009 to February 2015, Chair July 2013 to February 2015

SELECTED MEDIA INTERVIEWS:

PRINT MEDIA:

Associated Press	The News Virginian
Albemarle Family Living	The Observer
The Hook	Outdoor Magazine
Marietta: The Magazine of Marietta College	PR Newswire
Maximum Fitness	Salt Lake Tribune
Medical News Today	San Francisco Chronicle
Miami Herald	Seattle Times
MomsTeam.com	Terre Haute Tribune Star
Money Magazine	Training & Conditioning Magazine
Morning Sun	Washington Post
NATA News	

BROADCAST MEDIA:

WVIR-TV	ABC News (ABC.com)
WCAV-TV	WJRT-TV
WINA-AM	WSPD-FM

HONORS AND AWARDS:

1. National Athletic Trainers' Association Research & Education Foundation Lifetime Contribution Award, 2014
2. University of Toledo Judith Herb College of Education, Health Science and Human Service Outstanding Alumni award, 2011
3. National Athletic Trainers' Association Most Distinguished Athletic Trainer Award, 2011
4. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Presentation Award (Doctoral level) for: Pietrosimone BG, Saliba SA, Hart JM, Hertel J, Sauer LD, Kerrigan DC, **Ingersoll CD**. Effects of transcutaneous electrical nerve stimulation on peak external knee flexion moments and knee flexion angle during gait in patients with tibiofemoral osteoarthritis. Presented at the National Athletic Trainers' Association Annual Convention, Philadelphia, PA, June 23, 2010.

5. American Academy of Orthopaedic Manual Physical Therapists Outstanding Poster Award for: Grindstaff TL, Beazell JR, Hertel J, **Ingersoll CD**. Effects of a lumbopelvic joint manipulation on quadriceps activation of individuals with patellofemoral pain syndrome. Presented at the American Academy of Orthopaedic Manual Physical Therapists Annual Conference, Washington, DC, October 16, 2009.
6. Sayers "Bud" Miller Distinguished Educator Award (presented by the National Athletic Trainers' Association), 2009.
7. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Presentation Award (Doctoral level) for: Park J, Grindstaff TL, Negishi N, Hertel J, Hart JM, **Ingersoll CD**. Knee extension exercises do not immediately increase quadriceps activation in individuals with anterior knee pain. Presented at the National Athletic Trainers' Association Annual Convention, San Antonio, TX, June 18, 2009.
8. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Oral Presentation Award (Masters level) for: Huffman DH, Pietrosimone BG, Grindstaff TL, Hart JM, Saliba SF, **Ingersoll CD**. A menthol counterirritant does not facilitate the quadriceps motoneuron pool in healthy subjects. Presented at the National Athletic Trainers' Association Annual Convention, St. Louis, MO, June 18, 2008.
9. Second Runner Up, *Clint Thompson Manuscript Award, Journal of Athletic Training*, for: Leonard-Frye JL, Johns LD, Tom JA, **Ingersoll CD**. Blisters on the anterior shin in 3 research subjects after 1 MHz, 1.5 W/cm², continuous ultrasound treatment: a case series. *J Athl Training*. 2007;42(3):425-430.
10. National Athletic Trainers' Association Research & Education Foundation Volunteer of the Year Award, 2006.
11. William G Clancy Jr, MD, Medal for Distinguished Athletic Training Research (presented by the National Athletic Trainers' Association Research & Education Foundation), 2005.
12. Second Runner Up, *Clint Thompson Manuscript Award, Journal of Athletic Training*, for: Palmieri RM, Hoffman MA, **Ingersoll CD**. The Hoffmann reflex: methodological considerations and applications for use in sports medicine and athletic training research. *Journal of Athletic Training*. 2004;39:268-277.
13. National Athletic Trainers' Association *Athletic Trainer Service Award*, 2004.
14. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Oral Presentation Award (Masters level) for: 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 16, 2004.
15. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Oral Presentation Award (Doctoral level) for: 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 18, 2004.
16. First Runner Up, *Kenneth L. Knight Outstanding Research Manuscript, Journal of Athletic Training*, for: Hopkins JT, **Ingersoll CD**, Edwards JE, Klootwyk TE. Cryotherapy and TENS decrease arthrogenic muscle inhibition of the vastus medialis following knee joint effusion. *Journal of Athletic Training*. 2002;37:25-31.
17. Great Lakes Athletic Trainers' Association Outstanding Educator Award, 2002.
18. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Otte JW, Merrick MA, **Ingersoll CD**, Cordova ML. Subcutaneous adipose tissue thickness changes cooling time during cryotherapy. Presented at the National Athletic Trainers' Association Annual Convention, Los Angeles, CA, June 21, 2001.
19. Runner Up, National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Serwa J, Rancourt L, Merrick MA, Cordova ML, **Ingersoll CD**. Effect of varying application pressures on skin surface and intramuscular temperatures during cryotherapy. Presented at the National Athletic Trainers' Association Annual Convention, Los Angeles, CA, June 21, 2001.
20. Runner Up, National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Fahey S, Smith M, Merrick MA, **Ingersoll CD**, Sandrey MA. Intramuscular temperature does not differ among hydrocortisone preparations during phonophoresis. Presented at the National Athletic Trainers' Association Annual Convention, Nashville, TN, June 30, 2000.
21. Indiana State University School of Health & Human Performance *Howard D. Richardson Outstanding Performance Award*, Fall 1999.
22. Indiana State University *Theodore Dreiser Distinguished Research and Creativity Award*, 1999.
23. Indiana State University Athletic Training Department *Outstanding Alumnus Award*, 1999.
24. First Runner Up, *Kenneth L. Knight Outstanding Research Manuscript, Journal of Athletic Training*, for: Worrell TW, **Ingersoll CD**, Worrell TW, Bockrath K, Minis P. Effect of patellar taping and bracing on patellar position as determined by MRI in patients with patellofemoral pain. *Journal of Athletic Training*, 1998;33:16-20.

25. National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Hopkins JT, **Ingersoll CD**, Cordova ML, Edwards JE. Reliability of the soleus Hoffmann reflex in the supine and standing positions. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 18, 1999.
26. Runner Up, National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Rabenberg VS, **Ingersoll CD**, Sandrey MA, Fox M. The bactericidal and cytotoxic effects of antimicrobial wound cleansers. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 18, 1999.
27. Second Runner Up, National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Boone L, **Ingersoll CD**, Cordova ML. Passive hip flexion does not increase during or following ultrasound treatment of the hamstrings musculature. Presented at the National Athletic Trainers' Association Annual Convention, Kansas City, MO, June 17, 1999.
28. Second Runner Up, *Clint Thompson Manuscript Award, Journal of Athletic Training*, for: Knight KL, **Ingersoll CD**. Developing scholarship in athletic training. *Journal of Athletic Training*, 1998;33:271-274.
29. Runner Up, National Athletic Trainers' Association Research & Education Foundation Outstanding Student Poster Award for: Jameson TD, Knight KL, **Ingersoll CD**, Edwards JE. Correlation of isokinetic, isometric, isotonic strength measurements with a one leg vertical jump. Presented at the National Athletic Trainers' Association Annual Convention, Salt Lake City, UT, June 18, 1997.
30. Athletic Training Research & Education Society *Outstanding Athletic Training Researcher/ Educator Award*, 1994.
31. *Outstanding Research Manuscript, Journal of Athletic Training*, for: Merrick MA, Knight KL, **Ingersoll CD**, Potteiger JA. The effects of cold and compression on tissue temperatures at various depths. *Journal of Athletic Training* 1993;28:236-245.
32. First Runner Up, *Athletic Training, Journal of the National Athletic Trainers' Association* Outstanding Professional Article, for: Mangus BC, **Ingersoll CD**. Approaches to ethical decision making in athletic training. *Athletic Training* 1990;25:340-343.

PERSONAL INFORMATION:

Born: September 23, 1962

Birthplace: Painesville, Lake County, OH

Citizenship: United States of America

Married: Mary Jane Fedor (8/29/87)

Children: Kayla Brynn (2/16/91), Tanner Joseph (3/10/94), and Thomas Charles (12/20/96)