

MICHAEL S. FERRARA

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EDUCATION

PENNSYLVANIA STATE UNIVERSITY - University Park, Pennsylvania
Doctor of Philosophy, August 1990

MICHIGAN STATE UNIVERSITY - East Lansing, Michigan
Master of Arts, June 1983

ITHACA COLLEGE - Ithaca, New York
Bachelor of Science, December 1980

AWARDS AND SCHOLARSHIPS

OUTSTANDING EDUCATOR AWARD, Southeastern Athletic Trainers Association, April 2006.

2003 JOURNAL OF ATHLETIC TRAINING KENNETH L. KNIGHT AWARD FOR OUTSTANDING RESEARCH MANUSCRIPT. National Athletic Trainers' Association, June, 2004.

Fellow, AMERICAN ACADEMY OF KINESIOLOGY AND PHYSICAL EDUCATION, September 2003.

MOST DISTINGUISHED ATHLETIC TRAINER AWARD – National Athletic Trainers' Association, June 2003.

SAYERS "BUD" MILLER DISTINGUISHED ATHLETIC TRAINER AWARD – National Athletic Trainers Association, 2001

OUTSTANDING ALUMNI - Penn State University, Department of Kinesiology, 2000

MORTAR BOARD - Outstanding Faculty Member, Ball State University, 1997.

INDIANA ATHLETIC TRAINERS ASSOCIATION – President's Excellence Award, 1996.

INDIANA ATHLETIC TRAINERS ASSOCIATION - Athletic Trainer of the Year, 1995.
BALL STATE UNIVERSITY - Outstanding Junior Faculty Award, August 1993.

GOLDEN KEY NATIONAL HONOR SOCIETY - Honorary Membership, November 1991.

ZENITH DATA SYSTEMS - First Place Winner, Masters of Innovation Competition in the Education Category, April 1989. Award consisted of \$10,000 of Zenith Data Systems Computer Equipment.

NATIONAL ATHLETIC TRAINERS ASSOCIATION - \$1,500 Post-Graduate Scholarship, June 1989.

BALL STATE UNIVERSITY - First Place Winner, Excellence in Outcomes Competition, May 1988.

PROFESSIONAL EXPERIENCE

UNIVERSITY OF GEORGIA, Professor and Director of the St. Mary's Hospital Athletic Training Research and Education Laboratory, 1998-Present.

Responsible for the development and implementation of a nationally accredited (Commission on Accreditation of Athletic Training Education) Athletic Training program, development of a graduate Sports Medicine program and supervision of doctoral students. Further, responsible as the Director of the St. Mary's research and educator laboratory design and conducting state of the art research in the area of concussion in sport, total knee replacement therapy, exertional heat injuries.

BALL STATE UNIVERSITY, Coordinator of Athletic Training, Director of the Athletic Training Laboratory, Professor of Physical Education, 1985-1998.

Responsible for the educational aspects and clinical coordination of a nationally accredited (Committee for Allied Health Education Programs) Athletic Training program, management of athletic training faculty, instructional design and course content for all athletic training classes and financial planning, budgeting and ordering for the athletic training educational program.

ATLANTA PARALYMPIC ORGANIZING COMMITTEE, Director of Medical Operations, 1995-1996.

Senior executive with responsibility in designing, planning, organizing and managing medical operations for the second largest sporting event in the world. Responsible for the following departments: athlete care, spectator care, doping control, athlete classification, hospital support network, emergency medical services, and wheelchair, orthotic and prosthetic repair. Managed a \$2.5 million budget. Further responsibility with the recruitment and training of an extensive medical volunteer force.

PENNSYLVANIA STATE UNIVERSITY, Graduate Assistant, 1988-1990.

Assist in the education of student athletic trainers in an approved National Athletic Trainers Association undergraduate program. Instructional responsibilities in athletic training and general health education courses.

NORTHWESTERN UNIVERSITY, Assistant Head Athletic Trainer, 1983-85

Primary responsibilities included direct coverage of football and wrestling and overseeing 24 intercollegiate sports. Additional duties include maintaining \$80,000 budget, student trainer supervision, and pro scout reports.

UNITED STATES ICE HOCKEY TEAM, Head Athletic Trainer, 1983.

Athletic Trainer for extensive national and international schedule culminating in the International Ice Hockey World "B" Pool Championships, Tokyo, Japan.

MICHIGAN STATE UNIVERSITY, Graduate Assistant Athletic Trainer, 1981-83.

EAST LANSING HIGH SCHOOL, Head Athletic Trainer, 1981-82.

ADDITIONAL EXPERIENCE

DIRECTOR OF MEDICAL SERVICES, United States Disabled Sports Team, World Athletics Championships, Berlin, Germany, 1994.

DIRECTOR OF MEDICAL SERVICES, United States Disabled Sports Team, 1992 Paralympic Team, 1991-92. Responsible for selection of Head Team Physician and medical team members, development of medical policies and procedures, and procurement of supplies for the 1992 Paralympics. Barcelona, Spain.

CHAIR, 1992 Paralympic Invitational, 1991-92.

Responsible for the organization, administration, and fund raising activities for competition and training for 250 athletes, coaches, and staff from the United States Association for Blind Athletes and the United States Cerebral Palsy Athletic Association. Ball State University.

MEDICAL CLASSIFIER, 1991 Paralympic Trials and National Championships for the United States Cerebral Palsy Athletic Association, Hofstra University, June 1991.

ATHLETIC TRAINER, 1991 Paralympic Trials and National Championships, Hofstra University, June 1991.

CO-DIRECTOR, United States Cerebral Palsy Athletic Association Elite Training Camp, Ball State University, June 1991.

ATHLETIC TRAINER, World Championships and Games for the Disabled, Assen, Holland, July 1990.

CO-DIRECTOR, National Wheelchair Athletic Association Elite Training Camp, Ball State University, May 1988.

ATHLETIC TRAINER, Pan American Games - Indianapolis, Indiana, August 1987

ATHLETIC TRAINER, National Sports Festival - Baton Rouge, Louisiana, July 1985

ATHLETIC TRAINER, World University Games - Edmonton, Canada, July 1983

ATHLETIC TRAINER, United States National Ice Hockey Team - December 1982-April 1983

ATHLETIC TRAINER, National Sports Festival - Indianapolis, Indiana, July 1982

GRANTS

MONITORING ENVIRONMENTAL CONDITIONS AND INJURY RATES OF SELECTED FALL SPORTS AT NCAA DIVISION III INSTITUTIONS, National Collegiate Athletic Association, \$129,969, 2004-07, Principal Investigator.

MONITORING ENVIRONMENTAL CONDITIONS AT SOUTHEASTERN UNIVERSITIES, National Athletic Trainers Association, \$18,000, 2003-07.

COMPARISON OF A SINGLE RADIUS VERSUS A MULTI-RADIUS TOTAL KNEE REPLACEMENT SYSTEM ON FUNCTIONAL OUTCOMES, \$65,000, Osteonics-Howmedica Corporation, 2000-01. (Co-Investigator with K. Simpson).

ATHLETIC TRAINING RESEARCH AND EDUCATION FUND – St. Mary's Hospital, \$75,000, 2006-2008, Principal Investigator.

GRADUATE ASSISTANT SUPPORT - Athens Orthopedics Clinic, PC – 2005-2008, \$96,000.

ATHLETIC TRAINING RESEARCH AND EDUCATION FUND – St. Mary's Hospital, \$72,000, 2002-2005, Principal Investigator.

DOCTORAL RESEARCH GRANT, St. Mary's Hospital, \$36,000, 2000-2002, Principal Investigator.

DEFINING RESEARCH AND CLINICAL ISSUES ON RECOVERY FROM MILD TRAUMATIC BRAIN INJURY IN OLDER ADULTS: AN EXPERT WORKSHOP, Georgia Gerontology Consortium Seed Grant, \$4,400, (Co-Investigators with M.E. Cress and L. Poon), 1999-2000.

ATHLETIC TRAINING LABORATORY, NovaCare, Inc, \$105,000, 1998-2002, Principal Investigator.

DEVELOPMENT OF PHYSICAL FITNESS, HEALTH PROMOTION AND SPORT PROGRAMS FOR DISABLED CHILDREN OF DEVELOPING COUNTRIES OF EASTERN EUROPE, University System of Georgia, Office of International Education, \$65,793, 1999-2000.

EFFECT OF TRAUMATIC BRAIN INJURY ON FUNCTIONAL PERFORMANCE IN OLDER ADULTS, COE Summer Faculty Grant, \$4,070, (Co-Investigator with M.E. Cress), 1998.

A COMPARISON OF THE PHARMACEUTICAL PRACTICES OF HEAD ATHLETIC TRAINERS AT THE NCAA DIVISION I LEVEL IN THE TREATMENT OF ATHLETIC INJURIES (Co-Investigator with T. Mackey, Student), Great Lakes Athletic Trainers Association, \$450, 1997-98.

THE EFFECT OF VESTIBULAR STIMULATION ON DYSLEXIA, Ball State University and Ball Memorial Hospital, \$11,866, 1997.

1996 PARALYMPIC GAMES, MEDICAL OPERATION, \$2,292,000 funded by the following:

- Hospital Support Network (consortium of 9 hospitals), \$925,000
- Ambulance Support Network (consortium of 2 ambulance companies), \$550,000
- TriTech Corporation, \$215,000
- Living Earth Crafts, Inc., \$175,000
- Chattanooga Group, \$125,000
- Active Ankle Systems, Inc., \$112,000
- Big "B" Drugs, \$105,000
- SmithKline Beecham Clinical Laboratories, \$75,000
- Ball Foundation, \$10,000

NON-INVASIVE PULSED ELECTROTHERAPY FOR THE TREATMENT OF GRADE II AND III ANKLE SPRAINS, Electropharmacology, Inc., \$13,750, 1995.

ADAPTED PHYSICAL ACTIVITY RESEARCH AND MOVEMENT INSTITUTE, Anderson Foundation, \$12,627, 1995.

TRAINING CAMPS FOR ATHLETES WITH PARALYMPIC POTENTIAL (co-Investigator with R. Davis), United States Olympic Foundation, \$35,000, 1994.

INJURY INTERVENTION STRATEGIES FOR ATHLETES WITH DISABILITIES, United States Olympic Foundation, \$17,468, 1992-93.

DEVELOPMENTAL YOUTH CAMP FOR UNITED STATES CEREBRAL PALSY ATHLETIC ASSOCIATION ATHLETES WITH PARALYMPIC POTENTIAL (Co-Director with Ron Davis). United States Olympic Foundation, \$35,000, 1993.

TRAINING CAMPS FOR THE ADVANCEMENT OF PARALYMPIC ATHLETES (co-Director with Ron Davis). United States Olympic Foundation, \$35,000, 1992.

1992 PARALYMPICS-MEDICAL DIVISION, HealthSouth Corporation, \$15,000, 1992.

1992 PARALYMPICS-MEDICAL DIVISION, \$12,500 from various pharmaceutical and medical companies in product donations in support of the U.S.Paralympic Team, 1992.

1992 PARALYMPIC INVITATIONAL (Co-Director with Ron Davis), \$14,700, funded by the following:

- Ball Memorial Hospital-\$5,000
- Brunswick Foundation-\$5,000
- Muncie and Delaware County Community Foundation-\$2,500
- Greens Travel Center-\$1,500
- Central Indiana Sports Medicine-\$300
- Burger King-\$200
- Convacare Corporation-\$200

INSTITUTE FOR RESEARCH AND EDUCATION FOR THE DISABLED, (Co-Director with Ron Davis) Provost Initiative Grant, Ball State University, \$3,000, 1991-92.

FACTORS RELATING TO AN INJURY EPISODE IN ATHLETES WITH DISABILITIES, Office of Research, Ball State University, \$9,223, 1992.

ATHLETES WITH DISABILITIES INJURY REGISTRY - Funded \$67,000 by United States Olympic Foundation, 1990-91.

INJURY SURVEILLANCE SOFTWARE FOR ATHLETIC TRAINING, Computer Competency Proposal, College of Applied Science and Technology, \$1,295, 1991-92.

ELITE TRAINING CAMP FOR THE ATHLETE WITH CEREBRAL PALSY - Funded \$32,000 by the United States Olympic Foundation, 1991.

PHYSICAL FITNESS CHARACTERISTICS OF THE ATHLETE WITH CEREBRAL PALSY - Funded \$5,000 by Pennsylvania State University, 1989-90.

THE INJURY EXPERIENCE AND TRAINING HISTORY OF THE ATHLETE WITH A DISABILITY - Funded \$3,500 by Pennsylvania State University, 1989.

COMPUTER INTEGRATION IN PHYSICAL EDUCATION - Funded \$3,000 by Ball State University, Summer 1988.

COMPUTER ATHLETIC INJURY SYSTEM - Funded \$950 by Ball State University, Summer 1988.

COMPUTERIZED HUMAN ANATOMY PROGRAM - Funded \$3,000 by Ball State University, Spring 1988

ATHLETIC TRAINING INJURY ASSESSMENT COMPUTER PROGRAM - Funded \$2,950 by Ball State University, Summer 1987.

MID-AMERICAN CONFERENCE INJURY REPORTING SYSTEM - Funded \$2,000 by Ball State University, Spring 1986.

PUBLICATIONS

Broglia, S.P., Macciocchi, S.N. & Ferrara, M.S. (2007). Sensitivity of the concussion assessment battery. Neurosurgery, 60, 1050-57

Dick, R., Ferrara, M.S., Agel, J.A., Courson, R., Marshall, S.W., Hanley, M.J., & Reifsteck, F. (2007). Descriptive epidemiology of collegiate men's football injuries: National Collegiate Athletic Association injury surveillance system, 1988-1989 through 2003-2004. Journal of Athletic Training, 42, 221-233. **INVITED**

Hunt, T.N., Ferrara, M.S., Miller, L.S., & Macciocchi, S.N. (2007). The effect of effort on baseline neuropsychological tests scores in high school football athletes. Archives of Clinical Neuropsychology, 22, 615-621.

Ferrara, MS. (2006). Globalization of the athletic training profession. Journal of Athletic Training, 41:135-6. **INVITED**

Wang H, Simpson KJ, Ferrara MS, Chamnongkich S, Kinsey T, Mahoney OM. Biomechanical differences exhibited during sit-to-stand between total knee arthroplasty designs of varying radii. (2006) Journal of Arthroplasty, 21:1193-9.

Cooper ER, Ferrara MS, Broglio SP. (2006). Exertional heat illness and environmental conditions during a single football season in the southeast. Journal of Athletic Training, 41:332-6.

Cantu RC, Aubry M, Dvorak J, Graf-Baumann T, Johnston K, Kelly J, Lovell M, McCrory P, Meeuwisse W, Schamasch P, Kevin M, Bruce SL, Ferrara MS, Kelly JP, McCrea M, Putukian M, McLeod TC. (2006). Overview of concussion consensus statements since 2000. Neurosurgery Focus, 21:E3.

Broglio SP, Ferrara MS, Piland SG, Anderson RB, Collie A. (2006). Concussion history is not a predictor of computerised neurocognitive performance. British Journal of Sports Medicine, 40:802-5; discussion 802-5.

Piland SG, Motl RW, Guskiewicz KM, McCrea M, Ferrara MS. (2006). Structural validity of a self-report concussion-related symptom scale. Medicine and Science in Sport and Exercise, 38:27-32.

Broglio, S.P., Tomporowski P.D., & Ferrara, M.S. (2005). Balance Performance with a Cognitive Task: A Dual-Task Testing Paradigm. Medicine and Science in Sport and Exercise, 37, 689-695.

Guskiewicz, K.M., Bruce, S.L., Cantu, R.C., Ferrara, M.S., Kelly, J.P., McCrea, M, Putukian M., Valovich McLeod, T.C. (2004). National Athletic Trainers' Association Position Statement: Management of Sport-Related Concussion. Journal of Athletic Training, 39, 280-297.

Guskiewicz, K.M., Bruce, S.L., Cantu, R.C., Ferrara, M.S., Kelly, J.P., McCrea, M, Putukian M., Valovich McLeod, T.C. (2004). Recommendation on the Management of Sport-Related Concussion: Summary of the National Athletic Trainers' Association Position Statement. Neurosurgery, 55, 891-896.

Peterson, C.L., Ferrara, M.S., Mrazik, M., Piland, S.G., & Elliott, R. (2003). The Evaluation of Neuropsychological Domain Scores and Postural Stability following Concussion. Clinical Journal of Sports Medicine, 13, 230-237.

Piland, S.G., Motl, R.W., Ferrara, M.S., & Peterson, C.L. (2003) Evidence for the Factorial and Construct Validity of a Self-Report Concussion Symptoms Scale. Journal of Athletic Training, 38, 104-112.

Bernardi, M., Castellano, V., Ferrara, M.S., Sbriccoli P., Sera, F., & Marchetti, M. (2003). Muscle Pain in Athletes with Locomotor Disabilities. Medicine and Science in Sport and Exercise, 35, 199-206.

Ferrara, M.S., McCrea, M., Peterson, C.L. & Guskiewicz, K.M. (2001). A Survey of Practice Patterns in Concussion Assessment and Management. Journal of Athletic Training, 36, 145-149.

Cooper, E.R. Ferrara, M.S., Mrazik, M. & Casto, S. (2000). Definitional Problems in Mild Head Injury Epidemiology. Athletic Therapy Today, 6, 6-12. **INVITED**

Ferrara, M.S. & Peterson C.L. (2000). Injuries to Athletes with Disabilities: Identifying Injury Patterns. Sports Medicine, 30, 137-143. **INVITED**

Ferrara, M.S., Palutis, G.R. Snouse S., Davis, R.W. (2000) A Longitudinal Study of Injuries to Athletes with Disabilities. International Journal of Sports Medicine, 21, 221-224.

Mrazik M., Ferrara, M.S., Peterson, C.L., Elliott, R.E., Courson, R.W., Clanton, M.D., & Hynd, G.W. (2000). Injury Severity and Neuropsychological and Balance Outcomes of Four College Athletes. Brain Injury, 14, 921-931.

O Connor, P.J., Murphy, R.M., Courson, R. and Ferrara, M.S. Pain Assessment in the Journal of Athletic Training: Implications for Improving Research and Practice. (2000) Journal of Athletic Training, 35, 151-154.

Ferrara, M.S. & Schurr, K.T. (1999). Intercollegiate ice hockey injuries: A prospective epidemiological investigation. Clinical Journal of Sports Medicine, 9, 30-33.

Courson, R., Dillon, M., Hicks, T., Navitskis, L & Ferrara, M. (1999). Plyometrics in rehabilitation of the upper extremity. Athletic Therapy Today, 4, 25-29.

Courson, R., Elliott, R., Dillon, M., Mulherin, B., Ferrara, M., Robinson, M. & Tanner, J. (1999). Paget-Schroetter Syndrome in a collegiate football quarterback. Athletic Therapy Today, 4, 38-42.

Ferrara, M.S., Buckley, W.E., & Peterson, C.L. (1997). Epidemiology of sport related injuries for athletes with disabilities. Athletic Therapy Today, 2, 30-33.

Ferrara, M.S. & Davis, R.W. (1997). Disability sport and medical professionals. Athletic Therapy Today, 2, 7-9.

Ferrara, M.S. & Buckley W.E. (1996). Athletes with disabilities injury registry. Adapted Physical Activity Quarterly, 13, 50-60.

Johnson, R.J., Goran, M.I., Ferrara, M.S., & Poehlman, E.T. (1996). Athetosis increases resting metabolic rate in adults with cerebral palsy. Journal of the American Dietetic Association, 96, 112-116.

Davis, R.W. & Ferrara, M.S. (1996). Athlete classification: An explanation of the process. Polestar, 12, 38-44.

Ferrara, M.S., Dattilo, J., & Dattilo, A. (1995). Programming needs of athletes with disabilities: A Cross-Disability Analysis. Paleastra, 8, 32-42.

Ferrara, M.S. & Davis, R.D. (1994). The relationship of sport classification and gender to injury for the athlete with cerebral palsy. Sports Medicine, Training, and Rehabilitation. 5, 115-120.

Holland, L.J., Bhambhani, Y.N., Ferrara, M.S., & Steadward, R.D. (1994). Reliability of the maximal aerobic power and ventilatory threshold in adults with cerebral palsy. Archives of Physical Medicine and Rehabilitation. 75, 687-691.

Davis, R.W. & Ferrara, M.S. (1993). Training Profiles of Elite Wheelchair Track Athletes. Journal of Strength and Conditioning Research. 7, 129-132.

Ferrara, M.S., Buckley, W.E., McCann, B.C., Limbird, T.J., Powell, J.P., & Robl, R. (1992). The Injury Experience of the Competitive Athlete with a Disability: Prevention Implications. Medicine and Science in Sport and Exercise, 24, 184-188.

Richter, K., Mushett, C.A., Ferrara, M.S., & McCann, C. (1992). Integrated Classification: A Faulted System. Adapted Physical Activity Quarterly, 9, 5-13.

Ferrara, M.S., Buckley, W.E., Messner, D., & Benedict, J. (1992). The Injury Experience and Training History of the Competitive Skier with a Disability. American Journal of Sports Medicine, 20, 55-60.

Ferrang, A.M., Johnson, R.K., & Ferrara, M.S. (1992). Dietary and Anthropometric Assessment of Adult Individuals with Cerebral Palsy. Journal of the American Dietetic Association, 92, 1083-1086.

McKnight, C.M., Ferrara, M.S. & Czerwinska, J.M. (1992). Intercollegiate Ice Hockey Injuries: A Three Year Analysis. Journal of Athletic Training, 24,338-343.

Richter, K.J., Hyman, S.C., Adams-Mushett, C., Ellenberg, M.R. & Ferrara, M.S. (1991). Injuries to World Class Cerebral Palsy Athletes of the 1988 South Korea Paralympics. Journal of Osteopathic Sports Medicine, 7, 15-18.

Johnson, R.K. & Ferrara, M.S. (1991). Estimating Stature from Knee Height for People with Cerebral Palsy - An Evaluation of Estimation Equations. Journal of the American Dietetic Association, 91, 1283-1284.

Ferrara, M.S. & Davis, R.W. (1990). Injuries to Elite Wheelchair Athletes. Paraplegia, 28, 335-341.

Davis, R.W., Ferrara, M.S., & Brynes, D. (1988). The Competitive Wheelchair Stroke. National Strength and Conditioning Journal, 23 (2): 4-10.

Articles In-Press and In-Review

Broglio, S.P., Ferrara, M.S., Macciocchi, S.N., Baumgartner, T.A., & Elliott R.A. (In-Press) Test-retest reliability of computerized concussion assessment programs. Journal of Athletic Training.

Broglio, S.P., Macciocchi, S.N. & Ferrara, M.S. (In-Press). Neurocognitive performance of concussed athletes when symptom free. Journal of Athletic Training.

Sosnoff, J.J., Broglio, S.P., Hillman, C.H. & Ferrara, M.S. (In-Press). Concussion does not influence intra-individual response time variability. Neuropsychology.

Piland SG, Ferrara MS, Macciocchi SN, & Broglio SP. (In-Review). Evidence for the factorial validity of self-report concussion related symptom scales. Neurosurgery.

Hunt T & Ferrara MS. (In-Review). The stability of baseline neuropsychological test scores in high school athletes. Journal of Athletic Training.

ABSTRACTS

Resch J., Keeler K., Brown, C. Cooper, E., Ferrara MS. (2007). Relationship between weather station data and heat stress/thermal environmental monitors. Journal of Athletic Training, 42, S-17.

Cooper E. Ferrara MS, Powell JP, Casa D. Courson R. (2007). The incidence of exertional heat illness among Division I and III collegiate football players – Preliminary review of a three year study. Journal of Athletic Training, 42, S-51.

Piland SG, Gould TE, Zaremba K, Ferrara MS. (2007). Previous history of concussion shares no significant relationship with baseline headache reports among collegiate athletes and non-athletes. Journal of Athletic Training, 42, S-31.

Hunt, T.N., Hales, D.P. & Ferrara, M.S. (2005). A generalizability study of the balance error scoring system. Journal of Athletic Training, 40, S-13.

Piland, S.G., Ferrara M.S., Gould, T.E. & Broglio S.P. (2005). Fatigue as an indicator of inflated baseline symptom reports. Journal of Athletic Training, 40, S-15.

Cooper, E.R. Broglio, S.P. Ferrara, M.S. & Courson R.W. (2005). National rates of exertional heat illnesses in college football players. Journal of Athletic Training, 40, S-53.

Broglio, S.P. Cooper, E.R. Ferrara, M.S. & Courson R.W. (2005). National differences in environmental conditions during football. Journal of Athletic Training, 40, S-53.

Piland, S.G., Motl, R.W., Ferrara, M.S. (2002) Confirmatory Factor Analysis and Modifications of the Head Injury Scale (HIS) 16-Item Self-Report Concussion Symptom Checklist. Journal of Athletic Training, 37, S-9.

Casto, S.R., Ferrara, M.S., Simpson, K.J., Mahoney, O.M., Wang, H., Chamnongkich, S., Kinsey T. (2002). Isokinetic Strength and EMG Assessment of Bilateral Total Knee Arthroplasty Patients. Journal of Athletic Training, 37, S-46.

Peterson, C.L., Piland, S., Casto, S.R., Ferrara, M.S. (2002). Dual Tasking of Athletes – A Technique for Concussion Assessment. Journal of Athletic Training, 37, S-66.

Peterson, C.L., Ferrara, M.S., Piland, S., Casto, S., & Courson, R. (2001). The Potential Use of a Dual Tasking Paradigm in the Assessment of Concussion. Journal of Athletic Training, 36, S-37

Piland, S., Ferrara, M.S., Peterson, C.L., Courson, R. (2001). The Evaluation of Symptom Scale in the Assessment of Concussion. Journal of Athletic Training, 36, S-37

Casto, S., Ferrara, M.S., Simpson, K, Wang, H., Mahoney, O. (2001). A Comparison of the Single Radius and Multi Radius Knee Prosthetic in the Assessment of Balance. Journal of Athletic Training, 36, S-53.

Ferrara, M.S., Peterson C.L., Mrazik, M., Cooper E.R., Courson R. & Elliott, R. (2000). The Effect of Continued Activity Following Concussion. Journal of Athletic Training, 35, S-53.

Navitskis, L., Peterson C.L., Ferrara, M.S., Courson, R., & Dillon, M. (2000). Evaluation of Techniques to Measure the Effectiveness of Plyometric Training on Shoulder Strength and Stability. Journal of Athletic Training, 35, S-64.

Peterson, C.L., Ferrara, M.S., McCrea, M. & Guskiewicz, K.M. (2000) Concussion Management Practices of Athletic Healthcare Providers. Journal of Athletic Training, 35, S-71.

Casto, S.R., Ferrara, M.S., Peterson, C.L., Mrazik, M., Klinger, R. & Courson R. (2000). Do Soccer Players Exhibit Impaired Neuropsychological and Balance Function Compared to Other Sports? Journal of Athletic Training, 35, S-72.

Cooper, E.R., Ferrara, M.S., Peterson, C.L. & Dishman, J. (2000). The Effect of Prophylactic Ankle Taping and Shoe Application on Postural Stability. Journal of Athletic Training, 35, S-34.

Miszko, T.A., Ferrara, M.S., Cress, M.E. (2000). The Relationship between Leg Power, Dynamic Balance and Function in Healthy Older Adults. Medicine and Science in Sport and Exercise, 31, S112.

Ferrara, M.S., Snouse S., Peterson, C.L., & Courson R. (1999). Injuries to Athletes with Disabilities:1990-1996. Journal of Athletic Training, 34, S-19.

Mackey T.R. & Ferrara M.S. (1999). A Comparison of the Pharmaceutical Practices in the Treatment of Athletic Injuries. Journal of Athletic Training, 34, S-34.

Peterson C.L., Ferrara M.S. & Courson R. (1999). Comparison of Three Different Orientation Strategies on the Performance of a Balance Test. Journal of Athletic Training, 34, S-44.

Copper E.R. & Ferrara M.S. (1999). The Effect of the C.Ti2 Brace on ACL Deficient Knees. Journal of Athletic Training, 34, S-45.

Courson R., Dillon M., Ferrara M.S. & Tanner J. (1999). Paget-Schroetter Syndrome in a Collegiate Football Player. Journal of Athletic Training, 34, S-51.

Murphy R.M., O=Connor P.J. & Ferrara M.S. (1999). The Assessment of Pain in Original research Articles Published in the Journal of Athletic Training: Implications for Improving Research and Practice. Journal of Athletic Training, 34, S-67.

Peterson C.L. & Ferrara M.S. (1999). Use of Neuropsychological Testing and Computerized Dynamic Postography for the Assessment of Individuals with Traumatic Brain Injury. Proceeding of the International Symposium on Adapted Physical Activity, p. 84.

Doll-Tepper G., Bhambhani Y., DePauw K., Ferrara M.S., Riding M., Sherrill C., Wheeler G., Williams T., & Vanlandewijk Y. (1999). Research Initiative in Paralympic Sport. Proceeding of the International Symposium on Adapted Physical Activity, p. 86.

Ferrara M.S. & Davis R.W. (1999). Injuries at the 1996 Paralympic Games. Proceeding of the International Symposium on Adapted Physical Activity, p. 108.

Ferrara M.S., Davis R.W., Taylor S., Daniel L., Treloar J. & Peterson C.L. The Use of Continuous Automated Passive Motion on Improving the Symptoms of Developmental Dyslexia in Children. Proceeding of the International Symposium on Adapted Physical Activity, p. 140.

Ferrara, M.S. (1998). The Medical Plan for the 1996 Paralympics. Proceeding of the National Athletic Trainers Association Annual Meeting and Clinical Symposium, p. 259-261.

Ferrara, M.S. (1998). Globalization of the Profession. Proceeding of the 1998 World Congress of Athletic Training, p.1-4.

Ferrara, M.S. & Davis R.W. Injuries at the 1996 Paralympic Games. International Symposium of Adapted Physical Activity, p. 55.

Kandiah, J., Davis, R.W. & Ferrara, M.S. (1996). Effects of fat on plasma cholesterol levels in Paralympic athletes. 87th AOCS Annual Meeting and Expo, p.57.

Ferrara, M.S. & Davis, R.W. (1995). A Collaborative Approach to Disability Sport. International Symposium on Adapted Physical Activity, p.111.

Doll-Tepper, G., Ferrara, M.S., & Davis, R.W. (1995). A Comparison of Disability Sport from an International Perspective. International Symposium on Adapted Physical Activity, p. 602.

Ferrara, M.S. & Buckley, W.E. (1994). Athletes with Disabilities Injury Registry. Journal of Athletic Training, 29, 152.

Ferrara, M.S., Davis, R.D., Wilson, T.W., Wilson, J.K., & Myers, K.S. (1994). Shoulder Isokinetic Torque Production in Athletes with Disabilities. Medicine and Science in Sport and Exercise, 26, S48.

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Ferrara M.S., Davis R.W., Taylor S., Daniel L., Treloar J. and Peterson C.L. The Use of Continuous Automated Passive Motion on Improving the Symptoms of Developmental Dyslexia in Children. International Symposium of Adapted Physical Activity, Barcelona, Spain, May, 1999.

Ferrara, M.S. (1998). The Medical Plan for the 1996 Paralympics. Davis, R.W. and Ferrara M.S. Disability Sport Classification: Measurement and Evaluation for Athletes with Disabilities. North American Symposium of Adapted Physical Activity, Minneapolis, MN, October 1998.

Ferrara, M.S. Medical Plan for the 1996 Paralympics. National Athletic Trainers Association Clinical Symposium, Baltimore, MD, June 1998.

Ferrara, M.S. & Davis, R.W. The Medical Plan for the 1996 Paralympics. International Symposium on Adapted Physical Activity, Quebec, Canada, May 1997.

Davis, R.W. & Ferrara, M.S. Marketing Disability Sport: The 1996 Paralympics. International Symposium on Adapted Physical Activity, Quebec, Canada, May 1997.

Ferrara, M.S. & Davis, R.W. A Collaborative Approach to Disability Sport. International Symposium on Adapted Physical Activity, Oslo, Norway, May 1995.

Doll-Tepper, G. Ferrara, M.S. & Davis, R.D. A Comparison of Disability Sport from an International Perspective. International Symposium on Adapted Physical Activity, Oslo, Norway, 1995.

Davis, R., Ferrara, M.S., Wheeler, G., & Doll-Tepper, G. Disability Sport form a Sports Paradigm, North American Federation of Adapted Physical Activity Symposium, East Lansing, MI, October 1994.

Davis, R., Ferrara, M.S., Bahamonde, R., Wayda, V., & Sherrill, C. Research Opportunities and Responsibilities in Paralympic Sport, North American Federation of Adapted Physical Activity Symposium, East Lansing, MI, October 1994.

Ferrara, M.S & Buckley, W.E. Athletes with Disabilities Injury Registry. National Athletic Trainers Association Clinical Symposium, Dallas, TX, June 1994.

Ferrara, M.S. & Buckley, W.E. Athletes with Disabilities Injury Registry: Practical Implications. American College of Sports Medicine Annual Meeting, Seattle, WA, June 1993.

Ferrara, M.S., McKnight, C., & Schurr, T. The Frequency of Board Collision Injuries in a Study of U.S. Intercollegiate Ice Hockey Injuries over a Three Year Period. Second International Symposium on Safety in Ice Hockey, Pittsburgh, PA, May 1992.

Davis, R., Ferrara, M. Bahamonde, R., & Dwyer, G. Mahon, T., & Scanlon, T. Preparation for Barcelona: Elite Cerebral Palsy Training Camp. American Alliance of Health, Physical Education, Recreation and Dance National Convention, Indianapolis, IN, April 1992.

Ferrara, M.S., & Buckley, W.E., Athletes with Disabilities Injury Registry: A Conceptual Epidemiological Model. International Symposium on Adapted Physical Activity, Miami, FL, November 1991.

Ferrara, M.S., Kalm, K.K., Buckley, W.E., & Dwyer, G. The Cardiovascular Characteristics of Ambulatory Athletes with Cerebral Palsy. International Symposium on Adapted Physical Activity, Miami, FL, November 1991.

Davis, R. & Ferrara, M.S. Training Profiles of U.S. Paralympic Wheelchair Athletes. International Symposium on Adapted Physical Activity, Miami, FL, November 1991.

Mushett, C.A., Richter, K.A., & Ferrara, M.S. Integrated Classification in Disabled Sports: Progress or Pandemonium. International Symposium on Adapted Physical Activity, Miami, FL, November 1991.

Ferrara, M.S. Athletes with Disabilities Injury Registry, American College of Sports Medicine Annual Meeting, Orlando, FL May 1991.

Panelist, Paralympic Elite Wheelchair Training Camp, Indiana Health, Physical Education, Recreation, and Dance, Indianapolis, IN October 1990.

Ferrara, M., and McKnight, C., Computer Athletic Injury Assessment. American Alliance of Health, Physical Education, Recreation and Dance National Convention, Kansas City, MO. April 1988.

REVIEWER/REFEREE FOR PROFESSIONAL JOURNALS AND BOOKS

Journal of Athletic Training, Associate Editor, 2001-2008.

Journal of Athletic Training, Editor, 1999-2001.

Journal of Athletic Training, Guest Reviewer, 1987-1998.

Athletic Training and Sports Medicine, American Academy of Orthopaedic Surgeons, 1991.
Reviewed several book chapters.

CURRICULUM AND/OR COURSE DEVELOPMENTS

Accreditation of Athletic Training Program with the American Medical Association-Committee on Allied Health Education Accreditation. Responsible for comprehensive self-study, collection of program data, preparation of reports, and coordinating site visitation. 2005-2012, 2000-2005 and 1992-94.

New Courses - Fall 2000

General Medical Conditions in Athletic Training, 3 CH

Clinical 1 in Athletic Training, 1 CH

Clinical 2 in Athletic Training, 1 CH

Clinical 3 in Athletic Training, 1 CH

Clinical 4 in Athletic Training, 1 CH

Course Revisions - Fall 2000

Practicum 1 in Athletic Training - revised course content

Athletic Training Emergency Care - revised course content and increased to 3 CH

Modified the following courses - Fall 1998

EXRS 2100 - Prevention and Care of Athletic Injuries, Increased to 4 credit hours

EXRS 2130 - Athletic Training Emergency Care, Added laboratory component

EXRS 3100 - Injury Evaluation I, Added laboratory component

EXRS 3110 - Injury Evaluation II, Added laboratory component

EXRS 4100 - Therapeutic Modalities, Added laboratory component

EXRS 4110 - Therapeutic Modalities, Added laboratory component

Developed PEP 497 - Current Concepts in Athletic Training - 2 hours - 1991

Revised Athletic Training Curriculum and Application Criteria - 1991.

Accreditation of Athletic Training Program with the National Athletic Trainers Association.
Responsible for the collection of data, preparation of reports, and coordination of site visitation.
Program received 5 year reapproval.

Developed and implemented cadaver anatomy laboratory for athletic training curriculum as part of
PEP 398 - Applied Anatomy in Athletic Training - 1988.

Developed and implemented Athletic Training Major - approved Spring 1987.

Developed PEP 196, Introduction to Athletic Training and Sports Medicine, approved Spring 1987.

CREDIT COURSES TAUGHT

Lower Extremity Injury Evaluation

Upper Extremity Injury Evaluation

Therapeutic Modalities

Introduction to Athletic Training

Organization and Administration of Athletic Training

Practicum I in Athletic Training

Practicum II in Athletic Training

Human Anatomy

Human Physiology

Kinesiology

Cadaver Anatomy Laboratory

Fitness/Wellness Lecture

SERVICE

UNIVERSITY OF GEORGIA

University Human Subjects Review Board, 2003-Present.

University Academic Honesty Committee – 1999-Present.

Chair, Athletic Training Search Committee, 2005-06.

College of Education, Promotion and Tenure Committee, 2003.

College of Education, Undergraduate Curriculum Committee, 2000-2002.
Chair, 2001-2002

Blue Ribbon International Committee, College of Education, 2001-2004.

3rd Year Promotion and Tenure Review Committee for Dr. McCullick.

Chair, Joint Review Committee-Athletic Training, 1998-2001.

BALL STATE UNIVERSITY

Departmental Promotion and Tenure Committee, 1997-1998.

Search and Screen Committee for Adapted Physical Education Position, 1997-1998.

Search and Screen Committee for Exercise Science Position, 1996-1997.

NCAA Athletics Certification Program,
Subcommittee-Commitment to Equity, 1994-95.

Search and Screen Committee for Distinguished Professor and Director of Exercise Science
Position, 1993-1995.

Chair, Ad Hoc Committee on Credit for Creative Scholarly Work, 1993-94.

University Outstanding Faculty Awards Committee, 1993-94.

Chair, Joint Review Committee-Athletic Training, 1992-94.

Search and Screen Committee for Assistant Professor in Anatomy/Physiology in the School of
Physical Education, 1992-93.

Task Force to Study the Structure of the School of Physical Education, 1992-93.

School of Physical Education Awards Committee, 1992-93.

North Central Accreditation Task Force, Subcommittee-Physical Facilities, 1991-93.

New Faculty Mentor Program for Dr. Thomas Weidner, School of Physical Education, 1991-92.

Chair, Search and Screen Committee for Assistant Professor in Athletic Training - Spring 1991.

Evaluation of Teacher Performance Committee, School of Physical Education, 1991-92

Executive Committee, Sports Medicine Fellows Program and Center for Sports Medicine,
1991-Present.

Acting Director of Sports Studies, School of Physical Education, Spring 1991.

Salary Committee, School of Physical Education, 1991-92.

Graduate Council, School of Physical Education, 1990-1991.

Wellness Coordinator, Low Back Assessment for Ball State University Faculty and Staff Screening, Institute for Wellness, January 5-8, 1988.

Chair, Search and Screen Committee for Assistant Professor in Adapted Physical Education - Spring 1987.

Physical Education Departmental Advisor - 1987 to Present.

Physical Education Newsletter Committee - 1987 to 1988.

Physical Education Scholarship Committee - 1986 to 1988.

Physical Education Sport Studies Program Board - 1986 to 1992.

ATHLETIC TRAINING

Board of Directors, Board of Certification, 2006-Present.

Past-President, World Federation of Athletic Training and Therapy, 2005-2006.

President, World Federation of Athletic Training and Therapy, 2000-2005.

Chair, World Federation of Athletic Training Task Force, National Athletic Trainers Association, 1997-Present.

Chair, World Federation of Athletic Training Task Force, National Athletic Trainers Association, 1997-Present.

Committee on Allied Health Education Programs, Accreditation Review Team for Entry Level Athletic Training Programs, 1999 to Present:

Past-President, Indiana Athletic Trainers Association, 1996-98.

President, Indiana Athletic Trainers Association, 1994-1996.

Executive Board, Great Lakes Athletic Trainers Association, 1994-96.

President-Elect, Indiana Athletic Trainers Association, 1992-1994.

Executive Council, Indiana Athletic Trainers Association, 1985-1988, 1990-Present.

Editor, Indiana Athletic Trainers Association Newsletter, 1990-92.

Public Relation Chairman, Indiana Athletic Trainers Association, 1985-1988.

Trainer of the Year Committee, Indiana Athletic Trainers Association Athletic, 1988.

Chair, Public Relations Committee, Great Lakes Athletic Trainers Association, 21st Winter Meeting, March 1988

Mid-American Conference Scholarship Committee 1986-1988.

INTERNATIONAL PARALYMPIC COMMITTEE

Member, Research Committee, 2000 Paralympic Games, Sydney, Australia.

Member, Sports Medicine Commission, 1997-2000

Member, Sport Science Committee, 1993-2000.

Member, Sports Medicine Committee, 1995-2000.

UNITED STATES CEREBRAL PALSY ATHLETIC ASSOCIATION

Board of Directors, 1991-1998.

Chair, Strategic Planning Committee, 1991-1996.

Chair, Research Committee, 1990-1996.

Member, Committee for Sportsmedicine, Research and Education, 1988-Present.

COMMUNITY SERVICE

Past-President, Delaware County Easter Seal Society and Isanogel Center, 1995.

President, Delaware County Easter Seal Society and Isanogel Center, 1994.

President-Elect, Delaware County Easter Seal Society and Isanogel Center, 1993.

Board of Directors, Delaware County Easter Seal Society and Isanogel Center, 1991-1995.

PROFESSIONAL MEMBERSHIPS

National Athletic Trainers Association (NATA), 1978-Present.

Southeastern Athletic Trainers Association, 1998-Present.

Georgia Athletic Trainers Association, 1998-Present.

Great Lakes Athletic Trainers Association (GLATA), 1983-1998.

Indiana Athletic Trainers Association (IATA), 1985-1998.

United States Cerebral Palsy Athletic Association (USCPAA), 1989-1998.

American College of Sports Medicine (ACSM), 1991-1995.

United States Association for Blind Athletes (USABA), 1990-1996.