

## VITA

### Personal

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**Date of Birth:** February 14th, 1947

### Educational Background

<u>Date</u>	<u>Institution</u>	<u>Major</u>	<u>Degree</u>
1995	The University of Georgia Athens, Georgia	Neuroscience	Post-Doctoral
1980	University of Utah Salt Lake City, Utah	Special Physical Education/ Special Education	Ed.D.
1971	University of North Carolina Chapel Hill, North Carolina	Physical Education	M.A.T.
1968	University of North Carolina Chapel Hill, North Carolina	Physical Education	B.A.

## **Professional Work Experience**

<b>Professor</b> The University of Georgia Athens, Georgia Aug. 2001/Present	Professor of Adapted Physical Education and Motor Behavior, Director of Movement Studies Laboratory, Pediatric Exercise and Motor Development Clinic. Faculty of Gerontology, Faculty Fellow, Institute on Human Development and Disability (IHDD). Graduate Faculty.
<b>Associate Professor</b> The University of Georgia Athens, Georgia Sept. 1988/Aug. 2001	Associate Professor in Adapted Physical Education, Movement Studies, Director of Movement Studies Laboratory/Pediatric Exercise and Motor Development Clinic. Faculty Fellow, Institute of Human Development and Disability (UAP). Graduate Faculty.
<b>Assistant Professor</b> The University of Georgia Athens, Georgia Sept. 1985/Sept. 1988	Assistant Professor of Adapted Physical Education, Coordinator of Adapted Physical Education Graduate Program Clinical Experiences, and Director of Masters and Doctoral Training Grants in Adapted Physical Education.
<b>Visiting Professor</b> San Diego State University San Diego, California Summer 1986	Visiting Associate Professor of Physical Education, Teaching Perceptual Motor Learning and The Exceptional Individual.
<b>Associate Professor</b> University of Nevada Las Vegas, Nevada Sept. 1980/Sept. 1985	Associate Professor of Special Education/Physical Education. Coordinator of Special Physical Education Graduate Program and Project Director of a Pre-service Training Grant in Special Physical Education.
<b>Graduate Teaching Assistant</b> University of Utah Salt Lake City, Utah Sept. 1978/Aug. 1980	Instructor in the Department of Physical Education Teaching, Introduction to Special Physical Education and Physical Education Activity Courses.
<b>Academic Advisor</b> University of Utah Lake City, Utah Sept. 1978/Sept. 1979	Academic Advisor to the University of Utah Basketball Team
<b>Doctoral Intern</b> University of Utah Salt Lake City, Utah Sept. 1978/Sept. 1979	Special Physical Education Doctoral Intern on BEH Training Grant.

- Physical Education Director**  
San Diego YMCA  
Dec. 1976/June 1978  
Director and Instructor of all Physical Education, Aquatics and Athletics for Youth, Adults and Special Populations. Initiated Aquatic Programs in Conjunction with California United Cerebral Palsy and an Exercise Program for Mastectomy Patients with the American Cancer Society.
- Physical Education Director**  
Toms River YMCA  
Toms River, New Jersey  
Nov. 1973/Dec. 1976  
Director and Instructor of Physical Education, Aquatics and Athletics for Youth, Adults and Special Populations. Day Camp Director for Youth and Pre-school Children.
- Day Camp Director**  
County Assn. for Children with Learning Disabilities  
Ocean County, New Jersey  
Summer 1973-1976  
Camp Director Responsible for Implementing Camping Program for Children with Learning Disabilities.
- Physical Education Director**  
Berwick YMCA  
Berwick, Pennsylvania  
Jan. 1973/Nov. 1973  
Director and Instructor of Physical Education and Aquatic Programs for Youths and Adults.
- Physical Education Teacher**  
St. Therese School  
Aurora, Colorado  
Sept. 1971/Jan. 1973  
Elementary Physical Education Specialist at St. Therese School. Athletic Director, Gymnastics, Baseball, Basketball and Football Coach.
- Graduate Assistant**  
University of North Carolina  
Chapel Hill, North Carolina  
Sept. 1970/Aug. 1971  
Football Graduate Assistant at The University of North Carolina.
- Physical Education Teacher**  
Richmond City Schools  
Richmond, Virginia  
Sept. 1968/June 1969  
Elementary Physical Education Specialist (GR 1-8) for Richmond City Schools. Assistant Football Coach at George Wythe High School.

### **Professional Affiliations**

International Society of Adapted Physical Activity  
North American Society of Adapted Physical Activity  
American Alliance for Health, Physical Education, Recreation and Dance  
National Strength and Conditioning Association  
North American Society of Pediatric Exercise Medicine  
North American Society for Psychology of Sport and Physical Activity

### **Manuscripts in Review**

Horvat, M., Mason, R. C., Nocera, J., and Croce, R. (in review) The Use of Sensory Information for Stability in Mental Retardation. Developmental Medicine and Child Neurology.

Skowronski, W., Horvat, M., Nocera, J., Roswal, G., and Croce, R. (in review) Eurofit Special: European Fitness Battery for Individuals with Mental Disability. Adapted Physical Activity Quarterly.

Ray, C., Horvat, M., Mason, R. C. and Nocera, J. (in review) Balance Comparison in Adults with Partial Vision and Total Blindness. Archives of Physical Medicine and Rehabilitation.

Born, D., Horvat, M., and Franklin, C. (in review). Using Performance Variables to Predict Strength in Female Athletes. Pediatric Exercise Science.

Smail, K., and Horvat, M. (in review). Strength Training for Individuals with Mental Retardation. Palaestra.

Horvat, M., Ray, C., Croce, R., and Mason R. (in revision). Comparison of Balance and Movement Strategies for Visually Impaired and Sighted Individuals. Research Quarterly for Exercise and Sport.

### **Refereed Journal Publications**

Ray, C., Horvat, M., Williams, M., and Blasch, B. (in press) Kinetic Movement Analysis and Mobility Characteristics in Adults with Vision Loss. Adapted Physical Activity Quarterly.

Horvat, M., Franklin, C., and Born, D. (in press) Predicting Maximal in High School Female Athletes. Journal of Strength and Conditioning Research.

Horvat, M., Ray, C., Nocera, J., and Croce, R. (2006). Comparison of Isokinetic Peak Force and Work Power in Adults with Partial Vision and Total Blindness. Perceptual and Motor Skills, 103, 231-237.

Ray, C., Horvat, M., Williams, M., and Blasch, B. (2006) Clinical Assessment of Functional Movement in Individuals with Visual Impairments. Journal of Visual Impairment and Blindness (in press).

Smail, K., and Horvat, M. (2006). The Relationship of Muscular Strength on Work Performance in High School Students with Mental Retardation. Education and Training in Mental Retardation and Developmental Disabilities, 41(4), 409-418.

- Smail, K., and Horvat, M. (2005). Effects of Balance Training on Individuals with Mental Retardation. Clinical Kinesiology, 59(3), 43-47.
- Ray, C., Horvat, M., Keen, K., and Blasch, B. (2005). Tai Chi as an Exercise for Visually Impaired Fallers. Re:View, 37(1), 17.
- Horvat, M., Ray, C., Croce, R., and Blasch, B. (2004). A Comparison of Isokinetic Muscle Strength and Power in Visually Impaired and Sighted Individuals. Isokinetics and Exercise Science, 12(3), 179-183.
- Seagraves, F., Horvat, M., Franklin, C., and Jones, K. (2004). The Effects of a School-Based Physical Activity Program on Work Productivity and Physical Functioning in Individuals With Mental Retardation. Clinical Kinesiology, 58(2), 18-29.
- McCarthy, E., Horvat, M., Holtzberg, P., and Wisenbaker, J. (2004). Repeated Chair Stands as a Measure of Lower Limb Strength in Sexagenarian Women. Journal of Gerontology: Medical Sciences, 59, 1207-1212.
- Ramsey, V., and Horvat, M. (2004). Muscle Activation and Force Production in Parkinson's Patients During Sit to Stand Transfers. Journal of Clinical Biomechanics, 19(4), 377-384.
- Horvat, M., Ray, C., Ramsey, V., Miszko, T., Keeney, R., and Blasch, B. (2003). Compensatory Analysis and Strategies for Balance in Individuals with Visual Impairments. Journal of Visual Impairment and Blindness, 97(1), 695-703.
- Horvat, M., Ramsey, V., Amestoy, R., and Croce, R. (2003). Muscle Activation and Movement Responses in Youth with and without Mental Retardation. Research Quarterly for Exercise and Sport, 74(3), 319-323.
- Aufsesser, P., Horvat, M., and Austin, R. (2003). The Reliability of Hand-held Dynamometers in Individuals With Spinal Cord Injury. Clinical Kinesiology, 57(4), 71-75.
- Horvat, M., Ramsey, V., Franklin, C., Gavin, C., Palumbo, T., and Glass, L.A. (2003). A Method for Predicting Maximal Strength in Collegiate Women Athletes. Journal of Strength and Conditioning Research, 17(2), 324-328.
- Croce, R., Horvat, M., and McCarthy, E. (2001). Reliability and Concurrent Validity of the Movement Assessment Battery for Children, Perceptual and Motor Skills, 93, 275-280.
- Horvat, M., and Franklin, C. (2001). The Effects of the Environment on Physical Activity Patterns of Children With Mental Retardation, Research Quarterly for Exercise and Sport, 72, 189-195.

- Horvat, M., Croce, R., Poon, L., McCarthy, E., and Keeney, R. (2001). Changes in Peak Torque and Median Frequency in the EMG Subsequent to A Progressive Resistance Exercise Program in Older Women, Clinical Kinesiology, 55, 37-43.
- Rubin, S., Horvat, M., Staub, K. (2001). Effects of Physiologic Status on the Auditory P300 Event-related Potential. Clinical Kinesiology, 55(3), 65-70.
- Ramsey, V., Horvat, M., and Croce, R. (2001). Gait Characteristics Before and After Knee Replacement Surgery: A Case Study. Clinical Kinesiology, 55(3), 59-64.
- Lorenzi, D.G., Horvat, M., and Pellegrini, A.D. (2000). Physical Activity of Children With and Without Mental Retardation in Inclusive Recess Settings, Education and Training in Mental Retardation and Developmental Disabilities, 35(2), 160-167.
- Zhang, J., Gast, D., Horvat, M., and Datillo, J. (2000). Effect of a Constant Time Delay Procedure on Motor Skill Completion Durations. Education and Training in Mental Retardation and Developmental Disabilities, 35(3), 317-325.
- Horvat, M., Croce, R., Pitetti, K.H., and Fernhall, B. (1999). A Comparison of Isokinetic Peak Force and Work Parameters in Youth With and Without Mental Retardation. Medicine and Science in Sports and Exercise, 31, 1190-1195.
- Zhang, J., Joseph, D., and Horvat, M. (1999). Marketable Features of the Adapted Physical Education Career in Higher Education. Adapted Physical Activity Quarterly, 16, 178-186.
- Croce, R.V., Horvat, M., and Pitetti, K.H. (1998). Prediction of Dynamic Strength in Individuals With Mental Retardation. Clinical Kinesiology, 52 (4), 79-86.
- Pellegrini, A.D., Horvat, M., and Huberty, P. (1998). The Relative Cost of Children's Physical Activity Play. Animal Behaviour, 55, 1053-1061.
- Horvat, M., Pitetti, K.H. and Croce, R. (1997). Comparison of Isokinetic Strength in Individuals With and Without Mental Retardation. Journal of Orthopedic and Sports Physical Therapy, 25(6), 395-399.
- Croce, R., Horvat, M., and Roswal, G. (1996). Augmented Feedback for Enhanced Skill Acquisition in Individuals with Traumatic Brain Injury. Perceptual and Motor Skills, 82, 507-514.
- Croce, R., Pitetti, K.H., Miller, J., and Horvat, M. (1996). Comparison of Absolute and Relative Peak Torque and Hamstrings Quadriceps Peak Torque Ratios in Young Men and Boys. Clinical Kinesiology, 50, 52-57.

- Aufsesser, P., Horvat, M., and Croce, R. (1996). A Critical Examination of Selected Hand-Held Dynamometers to Assess Isometric Muscle Strength. Adapted Physical Activity Quarterly, 13, 153-165.
- Croce, R.V., Pitetti, K.H., Horvat, M., and Miller, J. (1996). Comparison of Peak Torque, Average Power, and Hamstring/Quadriceps Ratios in Non-Disabled Adults and Adults with Mental Retardation. Archives of Physical Medicine and Rehabilitation, 77, 369-372.
- Horvat, M., and Croce, R., (1995). Physical Rehabilitation of Individuals with Mental Retardation: Physical Fitness and Information Processing. Critical Reviews in Physical and Rehabilitation Medicine, 7(3), 233-252.
- Zetts, R., Horvat, M., and Langone, J. (1995). The Effects of a Community Based Resistance Training Program on the Work Productivity of Adolescents with Moderate to Severe Intellectual Disabilities. Education and Training in Mental Retardation and Developmental Disabilities, 30, 166-178.
- Horvat, M. (1995). Comparison of Contraction Periods to Assess Isometric Muscle Strength in Elementary School Girls. Isokinetics and Exercise Science, 5, 15-18.
- Croce, R., Horvat, M. and Roswal, G. (1995). Coincident Timing by Nondisabled, Mentally Retarded, and Traumatic Brain Injured Individuals Under Varying Target Exposure Conditions. Perceptual and Motor Skills, 80, 487-496.
- Zhang, T., Gast, D., Horvat, M., and Dattilo, J. (1995). The Effectiveness of a Constant Time Delay Procedure on Teaching Lifetime Sport Skills to Adolescents with Severe to Profound Intellectual Disabilities. Education and Training in Mental Retardation and Developmental Disabilities, 30, 51-64.
- Horvat, M., Croce, R., Roswal, G., and Seagraves, F. (1995). Utilization of a Single Trial Versus Maximal or Mean Values for Evaluating Upper Body Strength in Individuals with Mental Retardation. Adapted Physical Activity Quarterly, 12, 52-59.
- Pellegrini, A.D., and Horvat, M. (1995). A Developmental Contextualist Critique of Attention Deficit Hyperactivity Disorder. Educational Researcher, 24, 13-19.
- Seagraves, F.E., and Horvat, M. (1995). Comparison of Make Versus Break Test Procedures to Assess Muscular Strength in Elementary School Girls. Pediatric Exercise Science, 7, 61-68.
- Deener, T., and Horvat, M. (1995). Effects of Social Reinforcement and Self Recording on Exercise Duration in Middle School Students with Moderate Intellectual Impairments. Clinical Kinesiology, 49(1), 28-33.

- Roswal, G., Evans, M.D., Smith, B., Young, M., Burch, M., Croce, R., Horvat, M., Mims, A.A., and Black, M. (1995). The Effect of a Collaborative Peer Tutor Teaching Program on the Self-Concept and School Based Attitudes of Urban Students. Journal of Educational Research, 88, 275-279.
- Horvat, M., Croce, R., and Roswal, G. (1994). Intratester Reliability of the Nicholas Manual Muscle Tester with Intellectual Disabilities by a Tester Having Minimal Experience. Archives of Physical Medicine and Rehabilitation, 75(7), 808-811.
- Zhang, J., Horvat, M., and Gast, D.L. (1994). Using the Constant Time Delay Procedure to Teach Task Analyzed Gross Motor Skills to Individuals with Severe Intellectual Disabilities. Adapted Physical Activity Quarterly, 11, 347-358.
- Croce, R., Horvat, M., and Roswal, G. (1994). Effects of Exercise Duration and Fitness Level on Speed and Accuracy of Problem Solving in Individuals with Mental Retardation. Clinical Kinesiology, 48(3), 48-54.
- Horvat, M., Croce, R., and Roswal, G. (1993). Magnitude and Reliability of Measurements of Muscle Strength Across Trials for Individuals with Mental Retardation. Perceptual and Motor Skills, 77, 643-649.
- Horvat, M., Croce, R., and McGhee, T. (1993). Effects of a Circuit Training Program on Individuals with Mental Retardation. Clinical Kinesiology, 47(3), 71-77.
- Horvat, M., McManis, B., and Seagraves, F. (1992). Reliability and Objectivity of the Nicholas Manual Muscle Tester with Children. Isokinetics and Exercise Science, 2(4), 175-181.
- Croce, R. and Horvat, M. (1992). Effects of Reinforcement-Based Exercise on Fitness and Work Productivity in Adults with Mental Retardation. Adapted Physical Activity Quarterly, 9(2), 148-178.
- Henschen, K.P., Horvat, M. and Roswal, G.M. (1992). Psychological Profiles of the United States Men's Wheelchair Basketball Team. International Journal of Sports Psychology, 23, 128-137.
- Horvat, M. and Aufsesser P. (1991). The Application of Cross-Training Techniques for the Physically Disabled. Clinical Kinesiology, 45(3), 18-23.
- Horvat, M. and Carlile, J.R. (1991). Effects of Progressive Resistance Exercise on Physical Functioning and Self-Concept in Cystic Fibrosis. Clinical Kinesiology, 45(2), 18-23.
- Horvat, M., Roswal, G. and Henschen, K.P. (1991). Psychological Profiles of Disabled Athletes Before and After Competition. Clinical Kinesiology, 45(1), 14-18.

- Baumgartner, T. and Horvat, M. (1991). Reliability of Field Based Cardiovascular Fitness Running Tests for Individuals with Mental Retardation. Adapted Physical Activity Quarterly, 18(2), 107-114.
- Lavay, B. and Horvat, M. (1991). Jump Rope for Heart for Special Populations. Journal of Physical Education, Recreation and Dance, 62(3), 74-78.
- McCubbin, J.A. and Horvat, M. (1990) Resistance Exercise Training for Individuals with Cerebral Palsy. PALAESTRA, 6(2), 29-31, 47.
- Horvat, M., Roswal, G., Jacobs, D. and Gaunt, S. (1989) Selected Psychological Characteristics of Able-bodied and Disabled Athletes. The Physical Educator, 46(4), 202-208.
- McConnell T., Horvat, M.A., Beutel-Horvat, T. and Golding, L. (1989) Arm Crank Versus Wheelchair Treadmill Ergometry for Evaluating Performance of Paraplegics. Paraplegia, 27, 307-314.
- Baumgartner, T.A. and Horvat, M.A. (1988) Problems in Measuring the Physical and Motor Performance of the Handicapped. Journal of Physical Education, Recreation and Dance, 59, 48-52.
- Horvat, M. (1987) Effects of a Progressive Resistance Training Program on an Individual with Spastic Cerebral Palsy. American Corrective Therapy Journal, 41, 7-11.
- Horvat, M., French, R., and Henschen, K. (1986) A Comparison of the Psychological Characteristics of Male and Female Able-bodied and Wheelchair Athletes. Paraplegia, 24, 115-122.
- Golding, L.A., Horvat, M.A., Beutel-Horvat, T. and McConnell, T. (1986). A Graded Exercise Test Protocol for Spinal Cord Injured Individuals. Journal of Cardiopulmonary Rehabilitation, 6(9), 362-367.
- Mastro, J., French, R., Henschen, K., and Horvat, M. (1986). Selected Psychological Characteristics of Blind Golfers and Their Coaches. American Corrective Therapy Journal, 40(5), 111-114.
- French, R. and Horvat, M.A. (1986). A Model of Motor Skill Acquisition for Motorically Awkward Children. Motor Skills: Theory Into Practice, 8, 27-38.
- Mastro, J., French, R., Henschen, K. and Horvat, M. (1985). Use of the State-Trait Anxiety Inventory for Visually Impaired Athletes. Perceptual and Motor Skills, 61, 775-778.
- Henschen, K., Horvat, M.A. and French, R. (1984). A Psychological Visual Comparison Between Able-bodied and Wheelchair Athletes. Adapted Physical Activity Quarterly, 1, 118-124.

- Horvat, M.A., Golding, L.A., Beutel-Horvat, T.A. and McConnell, T. (1984). A Treadmill Modification for Wheelchairs. Research Quarterly for Exercise and Sport, 55, 297-301.
- Bishop, P. and Horvat, M.A. (1984). Effects of Home Instruction on the Physical and Motor Performance of a Clumsy Child. American Corrective Therapy Journal, 38, 6-10.
- Jansma, P., French, R. and Horvat, M.A. (1984). Behavioral Engineering in Physical Education. Journal of Physical Education, Recreation and Dance, 54, 80-81.
- Horvat, M.A. (1982). Effect of a Home Learning Program on Learning Disabled Children's Balance. Perceptual and Motor Skills, 55, 1158.
- Horvat, M.A. (1982). The Implementation of a Trampoline Program for Children for Children With Handicapping Conditions. American Corrective Therapy Journal, 36, 105-108.
- Horvat, M.A. and Bishop, P. (1981) Implementing Aquatic Instruction for the Severely and Profoundly Mentally Retarded. Journal of Physical Education, 78, 70-71.

### **Chapters in Books, Articles, and Proceedings**

- Croce, R., Miller, J., and Horvat, M. (2006). Angle and Velocity Specific Alterations in Torque and SEMG Activity of the Quadriceps and Hamstrings During Isokinetic Extension-Flexion Movements. Proceedings of the 17<sup>th</sup> Congree of the International Society of Electrophysiology and Kinesiology, p. 82.
- Horvat, M. (in progress) Adapted Physical Education. In Housner, L. (ed.) Integrated Physical Education (2<sup>nd</sup> ed.). Morgantown, WVA: West Virginia International Center for Performance Excellence.
- Croce, R., and Horvat, M. (1995). Exercise-Induced Activation and Cognitive Processing in Individuals with Mental Retardation. In Vermeer, A. (Ed.), Medicine and Sport Sciences: Aspects of Growth and Sensorimotor Development in Mental Retardation. New York: Springer-Verlag, pp. 144-151.
- Horvat, M., Malone, D.M., and Deener, T. (1993). Educational Play: Preschool Children with Disabilities. In Grosse, S., and Thompson, D. (Eds.) Play and Recreation for Individuals with Disabilities: Practical Pointers. Reston, VA: AAHPERD, pp. 58-66.
- French, R., Henschen, K., and Horvat, M. (1991). The Influence of Selected Psychological Characteristics and Medication on Female Wheelchair Basketball Players. In Simpson, W.K., LeUnes, A.D., and Picou, J.S. (Eds.). Applied Research in Coaching and Athletics Annual 1991. Boston: American Press, pp. 243-258.

- Croce, R., Horvat, M. and McCubbin, J. (1990). Exercise Therapy in Disability. In Doll-Tepper, G., Dahms, C., Doll, B. and von Selzam, H. (Eds.). Adapted Physical Activity - An Interdisciplinary Approach. Heidelberg: Springer-Verlag, pp. 275-279.
- Roswal, G., Horvat, M., Jacobs, D. and Gorman, D. (1990) A Comparison Between the Psychological Profiles of Wheelchair Athletes, Wheelchair Non-Athletes and Able-bodied Athletes. In Doll-Tepper, G., Dahms, C., Doll, B., von Selzam, H. (Eds.). Adapted Physical Activity - An Interdisciplinary Approach. Heidelberg: Springer-Verlag, pp. 75-79.
- Horvat, M.A. and Forbus, W.R. (1990) Application of Behavior Management Techniques in the Aquatic Environment. In French, R. and Lavay, B. (Eds.). The Application of Behavior Management Techniques in Physical Education. Kearney, Nebraska, Educational Systems Associates, pp. 160-171.
- Bishop, P. and Horvat, M. (1990). Shaping Behaviors in the Severely Handicapped: An Effective Instructional Strategy. In French, R. and Lavay, B. (Eds.). The Application of Behavior Management Techniques in Physical Education. Kearney, Nebraska, Educational Systems Associates, pp. 90-95.
- Horvat, M. and Yorio, J. (1987) Physical Activity for Children with Chronic Obstructive Disease. Proceedings of the 16th National Conference on Physical Activity for the Exceptional Individual. California State Department of Education and Fresno State University, 175-180.
- Horvat, M. and McCubbin, J. (1986). Progressive Resistance Training for Individuals with Cerebral Palsy. Proceedings of the 15th National Conference on Physical Activity for the Exceptional Individual. California State Department of Education and California State University, Northridge, 134-136.
- Horvat, M., French, R. and Henschen, K. (1986). Comparison of the Psychological Characteristics of Able-bodied and Wheelchair Athletes. In Unestahl L.E. (ed.). Contemporary Sports Psychology - Proceedings of the VI World Congress in Sport Psychology. VEJE Publishing Orebro Sweden, pp. 277-281.
- Horvat, M., Beutel-Horvat, T.A. and French, R. (1985). Perceptual Motor Learning and Skill Acquisition in the Secondary Students. Proceedings of the 14th National Conference on Physical Activity for the Exceptional Individual. California, State Department of Education and Orange County Unified School District, 131-142.
- Horvat, M.A., French, R. and Jansma, P. (1982) The A-B-C's of Managing Behavior in Physical Education. Proceedings of the 13th National Conference on Physical Activity for the Exceptional Individual. San Diego, California, California State Department of Education and San Diego county Department of Education, 60-62.

## **Research Abstracts**

- Ray, C. and Horvat, M. (2006). A Two-Person Case Study Analyzing the Impact of Tai Chi Balance in Individuals with Visual Impairments. Abstracted in Research Quarterly for Exercise and Sport, 77(1), A-98.
- Ray, C. and Horvat, M. (2006). Gait and Movement Characteristics in Individuals with Visual Impairments. Abstracted in Research Quarterly for Exercise and Sport, 77(1), A-98.
- Horvat, M. and Ray, C. (2005). Comparison of Isokinetic Peak Force and Work Parameters in Adults with Partial Vision and Total Blindness. Abstracted in Research Quarterly for Exercise and Sport, 76(1), A-115.
- Horvat, M. and Ray, C. (2005). Sit-to-Stand and Modified Timed-Up-and-Go Assessment in Individuals with Visual Impairment and Sighted Matches. Abstracted in Research Quarterly for Exercise and Sport, 76(1), A-115.
- Ray, C., Horvat, M., and Croce, R. (2005). Lower Body Median Frequency of the Root Mean Square EMG Analysis in Individuals with a Visual Impairment and Sighted Matches. Abstracted in Research Quarterly for Exercise and Sport, 76(1), A-117.
- Ray, C., Horvat, M., and Croce, R. (2004). Lower Body Analysis of Muscle Recruitment in Visually Impaired and Sighted Matches. Abstracted in Proceedings of the XVth International Society of Electrophysiology and Kinesiology (ISEK) ISBN 0-87270-136-0, p. 140.
- Smail, K.M. and Horvat, M. (2004). The Relationship of Muscular Strength and Balance on Work Performance Measures in High School Students with Mental Retardation. Abstracted in Research Quarterly for Exercise and Sport, 75(2), A-112.
- Ray, C. and Horvat, M. (2004). Isokinetic Torque, Power and Flexion/Extension Ratios in Visually Impaired and Sighted Individuals. Abstracted in Research Quarterly for Exercise and Sport, 75(1); A-80.
- Horvat, M. and Ray, C. (2004). Compensatory Strategies for Balance in Visually Impaired and Sighted Individuals. Abstracted in Research Quarterly for Exercise and Sport, 75(1), A-78.
- Ramsey, V., Horvat, M., and Croce, R. (2003). Muscle Activation and Force Production in Parkinson's Patients During Sit-to-Stand Transfers. Abstracted in Research Quarterly for Exercise and Sport, 74(1), A-78.
- McCarthy, E., Horvat, M., Wisenbaker, J., and Holtzberg, P. (2003). The Chair Sit-to-Stand as a Measure of Leg Strength in Older Adult Women. Abstracted in Research Quarterly for Exercise and Sport, 74(1), A-78.

- Seagraves, F., Horvat, M., Franklin, C., and Jones, K. (2003). Effects of a Physical Education Curriculum on Work Productivity and Fitness Parameters on High School Students with Mental Retardation. Abstracted in Research Quarterly for Exercise and Sport, 74(1), A-80.
- Horvat, M., Ramsey, V., and Croce, R. (2001). Distribution of Functionated response Times and EMG Recordings of Individuals with Mental Retardation. Abstracted in Research Quarterly for Exercise and Sport, 72(1), 101.
- Horvat, M., Croce, R., McCarthy, E., and Keeney, R. (2000). Isokinetic Exercise and Median Frequency of EMG Subsequent to a 10-Week Progressive Resistance Exercise Program. Abstracted in Research Quarterly for Exercise and Sport, 71, A-108.
- Horvat, M., Franklin, C., and Richards, N. (2000). Physical Activity Patterns of Children With Mental Retardation in Classroom and Recess Settings. Abstracted in Research Quarterly for Exercise and Sport, 71, A107-108.
- Rubin, S., and Horvat, M. (1999). Physiologic Aging and Reduction in the Auditory P300 Event Related Potential. Abstracted in Journal of Aging and Physical Activity, 7(3), 255.
- Lorenzi, D., Horvat, M., and Pellegrini, A. (1999). Physical Activity of Children With and Without Mental Retardation in Inclusive Recess Settings. Abstracted in Research Quarterly for Exercise and Sport, 70, A-136.
- Croce, R., Horvat, M., and McCarthy, E. (1999). Reliability and Concurrent Validity of the Movement Assessment Battery for Children: A Pilot Study. Abstracted in Research Quarterly for Exercise and Sport, 70, A-134.
- St. Pierre, P., Templeton, C., Horvat, M., and Seagraves, F. (1999). Effect of Placement Site on Isometric Force Measures. Abstracted in Research Quarterly for Exercise and Sport, 70, A-63.
- Horvat, M., Croce, R., and Pitetti, K.H. (1998). A Comparison of Isokinetic Peak Force and Work Parameters in Youth With and Without Mental Retardation. Abstracted in Research Quarterly for Exercise and Sport, 69, A-131.
- Croce, R., Horvat, M., and Pitetti, K.H. (1997). Comparison of Leg Muscle Torque Measurement in Youth With Mental Retardation. Abstracted in Medicine and Science in Sports and Exercise, 29:5, S244.
- Zhang, J., Horvat, M., and Joseph, L.D. (1997). The Fluency Effect of a Constant Time Delay Procedure on Teaching Motor Skills to Individuals With Intellectual Disabilities. Abstracted in Research Quarterly for Exercise and Sport, 68, A-126.

- Horvat, M., Croce, R., Stadler, L., and Pitetti, K.H. (1996). Isokinetic Strength Characteristics in Children With and Without Mental Retardation. Abstracted in Medicine and Science in Sports and Exercise, 28:5, 59.
- Zhang, Z., and Horvat M. (1996). The Accuracy Effect of a Constant Time Delay Procedure on Teaching Gross Motor Skills to Individuals with Severe Mental Retardation. Abstracted in Research Quarterly for Exercise and Sport, 67, A-126.
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Ray, C. and Horvat, M. Comparing Balance and Compensatory Strategies for Visually Impaired and Sighted Individuals. Paper presented at the Association for Education and Rehabilitation of the Blind and Visually Impaired International Conference, Orlando, FL., July 17, 2004.

Horvat, M., Ray, C. and Croce, R. Lower Body Analysis of Muscle Recruitment in Visually Impaired and Sighted Matches. Paper presented at the XVth Congress of the International Society of Electrophysiology and Kinesiology. Boston, MA., June 20, 2004.

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- Croce, R., Horvat, M., and Roswal, G. Effects of Knowledge of Results on Motor Performance in Individuals with Traumatic Brain Injury. Paper presented at the 3rd Paralympic Congress, Atlanta, Georgia, August 13, 1996.
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- Croce, R. and Horvat, M. Effect of Exercise Duration and Fitness Level on Speed and Accuracy on Simple Addition and Subtraction Tasks in Individuals with Mild Mental Retardation. Paper Presented at the North American Federation of Adapted Physical Activity Symposium, Montreal, Canada, October 10, 1992.
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- Smail, K. and Horvat, M. Balance and Mental Retardation. Paper presented at the National Consortium for Physical Education and Recreation for individuals with Disabilities. Reston, VA, July 10, 2006.
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- Ray, C. and Horvat, M. Gait and Movement Characteristics in Individuals with Visual Impairments. Paper presented at National AAHPERD Conference, Salt Lake City, Utah, April 28, 2006.
- Ray, C. and Horvat, M. A Two-Person Case Study Analyzing the Impact of Tai Chi on Balance in Individuals with Visual Impairments. Paper presented at the National AAHPERD Conference, Salt Lake City, Utah. April 28, 2006.
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- Smail, K. and Horvat, M. The Relationship of Muscular Strength and Balance on Work Performance on High School Students with Mental Retardation. Paper presented at the National AAHPERD Conference, New Orleans, LA, April 1, 2004.
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- Croce, R. and Horvat, M. Effects of a Reinforcement-Based Exercise Program and Work Productivity in Adults with Mental Retardation. Paper presented at the National AAHPERD Conference, San Francisco, CA, April 4, 1991.
- Horvat, M. Assessing Muscular Strength and Endurance for the Disabled. Paper presented at A Total Commitment Conference, Greensboro, North Carolina, March 8, 1991.
- Lewis, A. and Horvat, M. Academics Through Movement for the Elementary Child. Paper presented at the National Elementary and Middle School Conference, Jekyll Island, Georgia, January 26, 1991.

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### **District**

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Roswal, G., and Horvat, M. Feedback and Skill Performance: Practical Applications. Paper presented at the Southern District AAHPERD Conference, Biloxi, MS, February 6, 1998.

- Horvat, M., The Evaluation and Development of Strength in Children and Individuals with Disabilities. Southern District AAHPERD Scholar Lecture, Orlando, FL February 11, 1995.
- Horvat, M., and Kalakian, L. Motor Assessments of Special Populations. Paper presented at the Southwest District AAHPERD Conference, Salt Lake City, Utah, February 11, 1994.
- Horvat, M., and Croce, R. Effects of a Circuit Training Program on Individuals with Mental Retardation. Paper presented at the Northwest - Southwest District AAHPERD Conference, Reno, Nevada, February 6, 1993.
- Lavay, B., Horvat, M., and Croce, R. The Use of Exercise for Functional Skill Development in Individuals with Disabilities. Paper presented at the Northwest - Southwest District AAHPERD Conference, Reno, Nevada, February 5, 1993.
- Horvat, M., Benson, G., Stueck, P. and Webster, G. Cooperative Programs in Adapted Physical Education: The Link Between the State Department of Education, Local School districts and Institutions of Higher Education. Paper presented at the Southern District AAHPERD Conference. Atlanta, Georgia, February 28, 1992.
- Roswal, G., Horvat, M., Croce, R. and Seagraves, F. Assessing Fitness and Sport Skills in Disabled Individuals. Paper presented at the Southern District AAHPERD Conference. Atlanta, GA, February 28, 1992.
- Gorman, D., Garrick, D., Horvat, M., and McCubbin, J. Clinical Training: Applications for the Practitioner. Paper presented at the Southern District AAHPERD Conference. Chattanooga, Tennessee, February 25, 1989.
- Forbus, W., Noah A., and Horvat, M. Providing Physical Activity for Children with Respiratory Disorders. Paper presented at the Southern District AAHPERD Conference. Chattanooga, Tennessee, February 25, 1989.
- Henschen, K. and Horvat, M. Psychological Aspects of the Disabled. Paper presented at the Southwest District AAHPERD Conference, Kuauai, Hawaii, June 17, 1988.
- Henschen, K., Horvat, M. and Roswal, G. Intervention Strategies from Sports Psychology for the Disabled Athlete. Paper presented at the Southern District AAHPERD Conference, Little Rock, Arkansas, March 4, 1988.
- Horvat, M.A. The Use of Cross-Training for the Disabled Athlete. Paper presented at the Southern District AAHPERD Conference, Little Rock, Arkansas, March 3, 1988.
- Bundschuh, E., and Horvat, M.A. Assessment of Needs in Adapted Physical Education for the Southern District. Paper presented at the Southern District AAHPERD Conference, Birmingham, AL, February 28, 1987.

Horvat, M.A. Developmental Applications for Teaching Motor Skills. Paper presented at the Northeast Conference on Physical Activity for Persons with Disabilities, Bolton Valley, Vermont, July 17, 1985.

Horvat, M.A. Developmental Aspects of Motor Activity. Paper presented at the Northeast Conference on Physical Activity for Persons with Disabilities, Bolton Valley, Vermont, July 16, 1985,

Henschen, K., French, R. and Horvat, M.A. The Psychological Preparation of Wheelchair Athletes. Paper presented at the Southwest District AAHPERD Conference, Albuquerque, New Mexico, February 16, 1985,

French, R. and Horvat, M.A. "Utilizing Parachute Activities for Handicapped Populations." Paper presented at the Southwest District AAHPERD Conference, Salt Lake City, Utah, May, 1983.

Bishop, P. and Horvat, M.A. "The Effects of Home Instruction on Clumsy Children." Paper presented at the Southwest District AAHPERD Conference, Salt Lake City, May, 1983.

Horvat, M.A., Cruse, L.D. and McNab, W. "The Interrelationship Between Health, Physical Education and Recreation." Paper presented at the Southwest District AAHPERD Conference, Honolulu, Hawaii, June 18, 1982.

Horvat, M.A. "Implications and Application of Research in Special Physical Education." Paper presented at the Southwest District AAHPERD Conference, Honolulu, Hawaii, June 18, 1982.

Horvat, M.A. "Utilizing Homework to Enhance Gross Motor Development in Handicapped Children." Paper presented at the Southwest District AAHPERD Conference, Albuquerque, New Mexico, February 19, 1981.

Horvat, M.A. "The Use of Support Materials in Physical Education." Paper presented at the Southwest District AAHPERD Conference, Phoenix, Arizona, May, 1980.

### **State and Local**

Horvat, M. Adapted Physical Education. Paper presented at the Institute on Human Development and Disability (IHDD), Athens, Georgia, October 12, 2004.

Horvat, M. and Ray, C. Comparison of Balance and Strength Characteristics of Visually Impaired and Sighted Individuals. Paper presented at Rehabilitation Research and Development Center, Atlanta VA Medical Center, Atlanta, Georgia, February 10, 2004.

Horvat, M. Southern District Scholar Lecture. Presented at the North Carolina NCAHPERD Conference, Greensboro, N.C., November 18, 1994.

Forbus, W.R., Yorio, J., Zetts, R.A., Gaunt, S.J., Horvat, M. and Stueck, P. Incorporating Fitness in Elementary and Middle School Physical Education Programs. Paper presented at the Georgia GAHPERD Convention. Jekyll Island, GA, April 23, 1988.

Horvat, M.A. and Forbus, W.P. The Use of Homework with Handicapped Children. Paper presented at the Georgia GAHPERD Conference, Jekyll Island, GA, May, 2, 1987.

Forbus, W.R., Horvat, M.A., Zetts, R., and Humphreys, J. Development of Gross Motor Skills: Utilizing Games and Activities. Paper presented to the National Coalition of Title II Chapter 1 Conference, Macon, GA, April 24, 1987.

Horvat, M.A. and Zetts, R. Interdisciplinary Practices in Special Education. Paper presented at Georgia Council for Exceptional Children, Spring Conference, Athens, GA, April 4, 1987.

Horvat, M.A. & Baber, D. Improving Fitness and the Classroom Use of The Data Based Gymnasium. Paper presented at Georgia Council for Exceptional Children, St. Simons, GA, November 21, 1986.

Horvat, M.A. The Effect of Resistance Training on Physical Performance and Range of Motion in Cerebral Palsy. Paper presented at the Georgia GAHPERD Conference, Jekyll Island, GA, April 25, 1986.

Horvat, M.A. Special Physical Education in Nevada. Paper presented at the Nevada AAHPERD Conference, Henderson, Nevada, March 23, 1985.

Horvat, M.A. "Providing Physical Education Services for the Handicapped." Paper presented at the Council for Exceptional Children Conference, Las Vegas, Nevada, November 4, 1982.

Horvat, M.A. "How to Apply Behavior Management Techniques to Physical Education." Paper presented at the Nevada AAHPERD Conference, Las Vegas, Nevada, April 30, 1982.

Horvat, M.A. "Analysis and Habilitation of Gross Motor Skills." Paper presented at the Nevada AAHPERD Conference, Las Vegas, Nevada, April 30, 1982.

Horvat, M.A. "The Preparation of Teachers in Special Physical Education." Paper presented at the Nevada Association of Health, Physical Education and Dance Conference, Las Vegas, Nevada, March 14, 1981.

Horvat, M.A. "The Use of Support Services for Exceptional Children." Paper presented at the Nevada Council of Exceptional Children Conference, Las Vegas, Nevada, February 7, 1981.

Horvat, M.A. and Leach, M. "The Utilization of Trampoline Activities to Enhance Academic Learning." Paper presented at the Recreational Therapy Programming for the Cognitive Domain Workshop, Salt Lake City, Utah, April, 1980.

Horvat, M.A. "Developing the Individualized Education Program (IEP) in Physical Education." Paper presented at the Implementing Individualized Special Physical Education Workshop, Bountiful, Utah, July 13, 1979. Sponsored by the Special Education Section, Utah State Board of Education and Davis School District.

Horvat, M.A. "Aquatic Activities." Paper presented at the Recreational Programming for Special Populations Workshop, University of Utah, April, 1979.

Bishop, P., French, R. and Horvat, M.A. "The Individualized Education Program (IEP) and Motor Skill Acquisition." Paper presented at the Utah Council for Exceptional Children Federation Conference Park City, Utah, March, 1979.

Horvat, M.A. "The Mastectomy Exercise Program." Paper presented at the Southern California Physical Education Society Training Workshop, San Diego, California, March, 1978.

Horvat, M.A. "The New Mastectomy Program." Paper presented at the Northern New Jersey Physical Education Society Training Workshop, Toms River, New Jersey, February, 1979.

### **Grants**

Horvat, M, and Dudley, G. Utilizing Closed-Chain Movement to Increase Physical Function in Parkinson's Disease. NIH. \$700,299 (in progress).

Horvat, M. Motor Unit Recruitment and Motor Efficiency in Individuals with Visual Impairments. Veterans Administration Medical Center, \$20,600 awarded September 2003.

Horvat, M., and Ray, C. Perceptual Mechanisms and Strength Components of Balance and Functioning in Individuals with Visual Impairments. Veterans Administration Medical Center, \$20,000 awarded October, 2002.

Ramsey, V., and Horvat, M. Muscle Activation and Force Production in Parkinson's Patients, During Sit to Stand Transfers. Veterans Administration Medical Center, \$17,000 awarded April, 2000.

Horvat, M. Movement and Reaction Time Responses to Exercise in Older Adults. Georgia Gerontology Consortium, \$5,000 awarded October, 1999.

- Horvat, M. Neurogenic Responses to Exercise in Older Individuals. Georgia Gerontology Consortium, \$5,000 awarded November, 1998.
- Horvat, M. Adapted Physical Education Masters Degree Training Program in Rural Special Education. United States Department of Education/OSERS, Washington, D.C., \$76,466 awarded October 1, 1998.
- Horvat, M. Adapted Physical Education Masters Degree Training Program in Rural Special Education. United States Department of Education/OSERS, Washington, D.C., \$76,466 awarded October 1, 1997.
- Horvat, M. Adapted Physical Education Masters Degree Training Program in Rural Special Education. United States Department of Education/OSERS, Washington, D.C., \$76,466 awarded October 1, 1996.
- Horvat, M. MacReflex Motion Analysis System. The University of Georgia Graduate Studies Research Center, \$56,960 awarded March, 1996.
- Horvat, M. Physical Education Masters Degree/Handicapped Personnel Preparation Project. United States Department of Education/OSERS, Washington, D.C., \$56,624 awarded April, 1992.
- Stoneman, Z., Horvat, M. and Vail, C. Interdisciplinary Doctoral Program to Prepare Leaders to Serve Infants, Young Children and Families. United States Department of Education/OSERS, Washington, D.C., \$85,648 awarded April, 1992.
- Stoneman, Z., Horvat, M. and Vail, C. Interdisciplinary Doctoral Program to Prepare Leaders to Serve Infants, Young Children and Families. United States Department of Education, OSERS, Washington, D.C. \$85,648 awarded March, 1991.
- Horvat, M. Physical Education Master's Degree/Handicapped Personnel Preparation Project. United States Department of Education/OSERS, Washington, D.C. \$56,624 awarded February, 1991.
- Horvat, M. Physical Education Master's Degree/Handicapped Personnel Preparation Project. United States Department of Education/OSERS, Washington, D.C. \$56,624 awarded May, 1990.
- Stoneman, Z., Horvat, M. and Vail, C. Interdisciplinary Doctoral Program to Prepare Leaders to Serve Infants, Young Children and Families. United States Department of Education, OSERS, Washington, D.C. \$85,648 awarded April, 1990.

Bundschuh, E. and Horvat, M.A. Preparation of Leadership Personnel. Interdisciplinary Doctoral Program in Adapted Physical Education. United States Department of Education/OSERS Washington, D.C., \$87,729 Awarded April 1989.

Bundschuh, E. and Horvat, M.A. Preparation of Leadership Personnel. Interdisciplinary Doctoral Program in Adapted Physical Education. United States Department of Education/OSERS Washington, D.C., \$87,729 awarded January 1988.

Horvat, M.A. Preparation of Personnel in Adapted Physical Education, United States Department of Education/OSERS Washington, D.C., \$55,960 awarded January 1988.

Baumgartner, T. and Horvat, M. Reliability of Cardiovascular Tests for the Handicapped ARAPCS, Reston, Virginia, \$3,000 awarded October 1987.

Horvat, M.A. Preparation of Personnel in Adapted Physical Education, United States Department of Education/OSERS Washington, D.C., \$55,960 awarded June 1987.

Bundschuh E. and Horvat, M.A. Preparation of Leadership Personnel - Interdisciplinary Doctoral Program in Adapted Physical Education. Department of Education/OSERS. Washington, D.C., \$87,729 awarded January, 1987.

Horvat, M.A. Preparation of Personnel in Adapted Physical Education, United States Department of Education/OSERS. Washington, D.C., \$55,960 awarded June 1986.

Horvat, M.A. Project ADAPT: Preparation of Personnel in Special Physical Education, United States Department of Education/OSERS Washington, D.C., \$25,769 awarded June, 1985.

Horvat, M.A. Pulmonary Assessment of Cystic Fibrosis Children. Sunrise Hospital, Las Vegas, Nevada, \$900.00 awarded, January, 1985.

Horvat, M.A. Project ADAPT: Preparation of Personnel in Special Physical Education, United States Department of Education/OSERS. Washington, D.C., \$25,769 awarded June, 1984.

Horvat, M.A. Development and Dissemination of Perceptual Motor Learning Materials. Nevada Department of Education, Carson City, Nevada, \$3,402 awarded April, 1984.

Horvat, M.A. Project ADAPT: Preparation of Personnel (Pre-service and Inservice) in Special Physical Education. United States Department of Education/OSERS. Washington, D.C., \$27,111 awarded April, 1983.

Horvat, M.A. Developing Volleyball Skills Training for the Handicapped. Nevada Department of Education, Carson City, Nevada, \$732 awarded April, 1983.

- Horvat, M.A. Development of Dissemination of Curricular Materials in Adapted Physical Education. Nevada Department of Education, Carson City, Nevada, \$3,402 awarded March, 1983.
- Horvat, M.A. Comprehensive System of Personnel Development Training Calendar. Nevada Department of Education, Carson City, Nevada, \$950 awarded October, 1982.
- Horvat, M.A. Adapted Physical Education Dissemination Materials. Nevada Department of Education, Carson City, Nevada. \$1,350 awarded September 1982.
- Horvat, M.A. Project ADAPT: Preparation of Personnel (Pre-service and Inservice) in Special Physical Education. United States Department of Education/OSERS. Washington, D.C., \$27,111 awarded March, 1982.
- Horvat, M.A. Adapted Physical Education Teacher's Training. Nevada Department of Education, Carson City, Nevada, \$1,605 awarded April, 1982.
- Horvat, M.A. Project ADAPT: Preparation of Personnel (Pre-service and Inservice) in Special Physical Education. United States Department of Education/OSERS. Washington, D.C. \$27,000 awarded September, 1981.
- Horvat, M.A. Physical Activity and Sports Training for the Handicapped, Nevada Department of Education, Carson City, Nevada, \$10,000 awarded August, 1981.
- Horvat, M.A. Training for Teachers in Adapted Physical Education for the Handicapped, Nevada Department of Education, Carson City, Nevada, \$1,254 awarded April, 1981.
- Horvat, M.A. Gross Motor Skill Learning Module: Development and Habilitation of Throwing Patterns, University of Utah, Salt Lake City, Utah, \$15,000 awarded January, 1980.
- Horvat, M.A. Gross Motor Skill Learning Module: Development and Habilitation of Running Patterns, University of Utah, Salt Lake City, Utah, \$15,000 awarded January, 1980.
- Horvat, M.A. and Friend, W. Development of a six-month program designed to alleviate the sedentary lifestyle of lower-limb disabled war veterans. Disabled War Veterans Industries, San Diego, California, \$18,000 awarded January, 1976.
- Horvat, M.A. and Friend, W. Development of a six-month exercise program designed to alleviate the sedentary lifestyle of disabled war veterans. Disabled War Veterans Industries, San Diego, California, \$18,000 awarded December 1, 1976.

## **Professional Activities and Service**

### **Elected Offices**

Executive Board - North American Federation of Adapted Physical Activity, 1990-94.

Chair - Adapted Academy, Southern District AAHPERD, 1991-92.

Chair - Adapted Physical Education Section Georgia GAHPERD, 1990-1991.

Chair-Elect - Adapted Physical Education Section Georgia GAHPERD, 1989-1990.

Chair-Elect - Adapted Academy, Southern District, 1989-91.

Chair - Therapeutics Council Southern District AAHPERD 1988-89.

Past-Chair - Adapted Physical Activities Council (AAPHERD) 1988-89.

Chair-Elect - Therapeutics Council Southern District AAHPERD 1987-88.

Board Member - Dixie Wheelchair Athletic Association, 1987-1989.

Chair - Adapted Physical Activities Council, AAHPERD, 1987-88.

Chair-Elect - Adapted Physical Activities Council, AAHPERD, 1986-1987.

Chair-Elect - Therapeutics Council, AAHPERD, 1985-1986.

President - Nevada Association of Health, Physical Education, Recreation and Dance, 1985

Southwest District AAHPERD Adapted Physical Education Section, Chair-Elect, 1982-1983; Chair, 1983-1984.

President, Nevada Association of Health, Physical Education, Recreation and Dance, 1982-1983.

Board of Trustees. Nevada Special Olympics, 1981-1984.

Chairperson - Adapted Physical Education/Therapeutic Recreation Section. Nevada Association of Health, Physical Education, Recreation and Dance, 1980-1981, 1982-1983, 1983-1984.

President-Elect - Nevada Association of Health, Physical Education, Recreation and Dance, 1981-1982.

Task Force on Adapted Physical Education, Chair, Georgia Department of Education 1989-1990.  
International Special Olympics, Unified Sports Program, 1988.

International Special Olympics, Advisory Committee on Walking Competitions, 1982-1984.

National Women's Wheelchair Basketball Tournament, March, 1984, Las Vegas, Nevada.

Adapted Physical Education, Clark County (Nevada) School District, 1982-1984.

Nevada Wheelchair Association, Cactus Classic, Wheelchair Sports Training Clinic, March 1982,  
1983.

Utah Special Olympics, Spring Games, Salt Lake City, Utah, April, 1980.

Program Advisor, Nevada Lung Association, 1981, 1983, 1984.

Utah Wheelchair Open, University of Utah, May 1979, May 1980.

San Diego County Veterans Administration – Development of an aquatic fitness program for  
disabled war veterans, 1977-78.

San Diego Chapter of the United Cerebral Palsy Association, San Diego, California - Development  
of an aquatic program for cerebral palsy, 1977-78.

San Diego Chapter of the Arthritis Foundation, San Diego, California Development of an exercise  
program for arthritis patients, 1978.

### **Committees**

Clifford Lewis Award Committee - Department of Kinesiology, 2005

Louise Kindig Award Committee - Department of Kinesiology, 2005

Tenure and Promotion Committee – College of Education, 2003-2006

NCAA Athletics Certification Committee, 2000

Faculty Support Board Committee - College of Education, 1999

Graduate Faculty Committee - College of Education, 1998-2000

Research Consortium Committee on Awards - AAHPERD, 1998-2000

University Library Committee, University of Georgia, 1997-1999

Intercollegiate Athletics Committee - University Council, University of Georgia, 1996-1998

Graduate Courses and Programs Committee - College of Education, The University of Georgia, 1996-1998

Scholar Nominating Committee, National AAHPERD, 1997-1998

President Elect Nominating Committee, National AAHPERD, 1995-1996

Scholar Nominating Committee Southern District AAHPERD, 1995-2000

University Council. The University of Georgia, 1994-1997

Faculty Affairs Committee - University Council. The University of Georgia, 1994-1997

Search Committee Chair, Teacher Education and Children's Physical Education Positions, University of Georgia, 1996

Faculty Senate, College of Education Steering Committee. The University of Georgia, 1992-1994

Faculty Senate, College of Education. The University of Georgia, 1990-1993

Chair, APAC Task Force to Revise Competencies for Adapted Physical Education, 1987-1990

Search Committee, Therapeutic Recreation Position, School of HPERD University of Georgia, 1990

School Terminology Committee, School of HPERD, The University of Georgia, 1990-1991

Faculty Affairs Committee, Chair, School of HPERD University of Georgia, 1989-1991

School Graduate Faculty, Chair, University of Georgia, 1989-1991

Search Committee, Biomechanics Position, School of HPERD, University of Georgia, 1987

Physical Education Research Committee, 1986-87, School of HPERD, University of Georgia

Physical Education Committee (PED) 1986-1987. School of HPERD, University of Georgia

University Code Committee - Chair 1984-1985, University of Nevada, Las Vegas

Student Teaching Advisory Committee. College of Education, University of Nevada, Las Vegas, 1981-1984

Curriculum Committee. School of Health, Physical Education, Recreation and Dance, University of Nevada, Las Vegas, 1981-1984

### **Editorial Services**

Book Reviewer - Human Movement Neuroscience, Oxford University Press, 2005

Book Reviewer - Human Motor Development, McGraw Hill Publishers, 2005

Manuscript Reviewer – Journal of Sport Rehabilitation, 2006

Manuscript Reviewer – Journal of Clinical Biomechanics, 2004

Manuscript Reviewer – Archives of Physical Medicine and Rehabilitation, 2004

Manuscript Reviewer – Research Quarterly for Exercise and Sport, 2002

Manuscript Reviewer – International Journal of Leadership in Education: Theory and Practice, 2002

Grant Reviewer Veterans Administration Medical Center (VAMC) - Atlanta, October 1999

Scientific Committee, North American Federation of Adapted Physical Activity Symposium, 1992; 1994

Abstract Reviewer - Research Consortium, AAHPERD, 1989, 1990, 1991, 1993, 2005, 2006

Manuscript Reviewer - Journal of Aging and Physical Activity, 2001

Manuscript Reviewer - Perceptual and Motor Skills, 1990; 1999- 2006

Manuscript Reviewer - Journal of Orthopedic and Sports Physical Therapy, 2000

Grant Reviewer - United States Department of Education - Office of Special Education and Rehabilitative Services, January, 1987, 1988, March 1996

Manuscript Reviewer - Adapted Physical Activity Quarterly, 1986-1993; 2001; 2002

Editorial Board - The Physical Educator, 1986-1988

Manuscript Reviewer - Therapeutic Recreation Journal, 1986; 1995

Editor - (Research Digest) Adapted Physical Activity Quarterly, 1986-1990

Section Editor, Adapted Physical Education, Nevada Journal of Health, Physical Education, Recreation and Dance, 1982-1983; 1983-1984

### **Other Professional Service**

Basketball Director - Georgia Special Olympics, Winter Games, 1986; 1987

I CAN Certified Trainer, 1984-1987

Nevada Representative. National AAHPERD Conference, Boston, 1981; Houston, 1982; Anaheim, 1984; Atlanta, 1985

Program Chairman - Nevada AAHPERD Conference, April, 1982

Advisory Board - Department of Recreation and Leisure Activity, Las Vegas, Nevada, 1981. Year of the Disabled Project

State Games Chairman - Nevada Special Olympics, Spring Games, June, 1981

Program Chairman - Nevada Council of Exceptional Children, 1981, State Conference

### **Honors - Awards**

Hollis Fair Scholarly Contribution Award, National Consortium for Physical Education and Recreation for Individuals with Disabilities, 2006.

Honor Society of Phi Kappa Phi, 2005

Southern District AAHPERD Scholar, 1994-1995

The University of Georgia Study in a Second Discipline Award, 1994

Fellow Research Consortium, National AAHPERD 1990

Who's Who in American Education, 1992

Carl Blyth Lecture, University of North Carolina, 1995

Institute on Human Development and Disability Faculty Fellow 1991-present