

CURRICULUM BRIEF

JOE W. PRIEST, EdD

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Tarleton State University
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Wife: Susan; children Jason, Wes, Lindsey

EDUCATION

B. S. Sul Ross State University, Alpine, TX 1970
M. S. Sul Ross State University, Alpine, TX 1972
Ed.D. Texas A&M University-Commerce 1983
Post-doctoral Texas College of Osteopathic Medicine, Texas Tech University,
University of Texas at San Antonio
Certifications Texas State Teacher's Certifications
Professional Health and Physical Education, Provisional Biology
Texas Mid-management Administrator
Advanced Cardiac Life Support- American Heart Association (expired)

AWARDS

2003- Jack and Louise Arthur Distinguished Faculty Award
2006- Provost's Instructional Technology Innovation Award Nominee

PROFESSIONAL EXPERIENCE

1997-2000 Presidential appointment to the Research and Evaluation Committee for the Texas
Association of Health, Physical Education, Recreation and Dance
1991-present Associate Professor (interim chairman, Spring 1994) promoted to Professor (1997),
Department of Kinesiology, TSU, Stephenville, TX 76402
1989-1991 Principal, H. P. Webb Elementary, Olton, TX 79064
1983-1989 Director of Education
National Institute for Fitness and Sport
Indianapolis, IN 46202
Cooper Institute for Aerobics Research, Dallas, TX 75230
Institute for Human Fitness
Ft. Worth, TX 76107

PROFESSIONAL EXPERIENCE (continued)

- 1985-1987 Contract Fitness Training
U. S. Secret Service, U. S. Drug Enforcement Administration,
U. S. Marshals Service, many state police agencies
- 1975-1980 Coordinator/Teacher, Biology, Football, Track
Uvalde CISD, Uvalde, TX 78801
- 1970-1975 Teacher/Coach, Health, P. E., Biology
North East, Northside ISD's, San Antonio, TX

CURRENT RESEARCH

“After Everybody Else Gave Up,” book manuscript, an operational description of the Laboratory for Wellness and Motor Behavior; accepted for publication March 26, 2016.

Priest, J. “Kinetic Factors in NCAA Baseball,” ...an on-going investigation of the use of laser timing in the JJ Shuttle (developed and credited to TSU) in identifying quantifiable characteristics of pitchers, fielders, and batters which relate to game performance.

Priest, J., “Skeletal Muscle Contractile Forces and Velocities in Competitive Athletes”...studies of quantifiable upper-body power measures which relate to game performance.”

Priest, J., “Heart Rate Variability in Fitness and Disease” . . . studies of the variations in timing between ventricular contractions.

SELECTED PUBLICATIONS

Wolfe, A., **J. Priest**, R. Martin, and K. Peak. “Agility Measures Related to Game Performance of NCAA Baseball Pitchers,” International Journal of Exercise Science: Conference Proceedings (abstract), 2(8)74, 2016.

Priest, J., J. Jones, B. Conger, and D. Marble. “Performance Measures of NCAA Baseball Tryouts,” Journal of Strength and Conditioning Research, 25(10)2872-2878, October, 2011.

Feild, T., Cole, R., and **J. Priest**. “Comparison of Two Back-Squat Training Protocols,” International Journal of Exercise Science (abstract), 2(3), 2011.

Posey, Q., Cole, R., and **J. Priest**. “Changes in Power Output in NCAA Football Linemen During Competitive Season,” International Journal of Exercise Science (abstract), 2(3), 2011.

Priest, J., M. Sanderford, and J. Gillespie, “Health-Related Fitness and Autonomic Measures in Second Grade Students in Rural Texas,” manuscript in progress for Journal of Physical Activity and Health, Nov., 2010.

Jones, J., **J. Priest**, and D. Marble, “Kinetic Energy Factors in Evaluation of Athletes,” Journal of Strength and Conditioning Research, 22(6)2050-2055, November, 2008.

SELECTED PUBLICATIONS (continued)

Barham, K., A. Nelson, and **J. Priest**, “Heart Rate Variability of Active and Inactive Athletes During Rest and Stress,” (abstract), Medicine and Science in Sports and Exercise, 38(5)Supplement, 2006.
Simpson, S. and **J. Priest**, “Conditioning in Injured and Disabled Populations,” Strength and Conditioning Journal, 27(6), December, 2005.

Parker, S., **J. Priest**, and J. Gillespie, “Initial Physical Activity and BMI in a Health/International Magnet Elementary School,” (abstract), Medicine and Science in Sports and Exercise, 37(5)Supplement, 2005.

Balkenbush, C., M. Sanderford, and **J. Priest**, “Effect of Arm Powered Passive Leg Cycling on Heart Rate Variability in Spinal Cord Injured Individuals (abstract), Medicine and Science in Sports and Exercise, 37(5)Supplement, 2005.

Martin, C. and **J. Priest**, “Effects of Destabilization on the EMG Response on the Triceps and Gastrocnemius, (abstract), Medicine and Science in Sports and Exercise, 37(5)Supplement, 2005.

J. Jones, R. Hagan, and **J. Priest**, “Strength Gains Following 8-weeks of Eccentric Overload Training,” (abstract), Medicine and Science in Sports and Exercise, 35(5)Supplement, 2003.

Balkenbush, C. and **J. Priest**, “Electromyographic Activity in the Legs of an Individual With Spinal Dysgenesis During Passive Leg Cycling,” (abstract), Medicine and Science in Sports and Exercise, 35(5)Supplement, 2003.

Simpson, S. and **J. Priest**. “The Psyche™ and ACL Rehabilitation: A Case Report,” Athletic Therapy Today, 2002:7(4):58-62.

Willoughby, D., **J. Priest**, and M. Nelson, “Expression of the Stress Proteins, Ubiquitin, and HSP-72, and Myofibrillar Protein Content After Passive Leg Cycling in Persons with Spinal Cord Injury, Archives of Physical Medicine and Rehabilitation, 2002:83:649-654.

Gardner, R. and **J. Priest**, “Effects of Repetitive Movement on the Electromyographic Response of the Triceps in a C-5 Tetraplegic,” (abstract), Medicine and Science in Sports and Exercise, 34(5)Supplement, 2002.

Willoughby, D. and **J. Priest**, “HSP-72, Ubiquitin, and Myofibrillar Protein in the Spinal Cord Injured Following 12-Weeks of Passive Exercise,” (abstract), Medicine and Science in Sports and Exercise, 33(5)Supplement, 2001.

Willoughby, D., **J. Priest**, and R. Jennings, “Myosin Heavy-Chain Isoform and Ubiquitin Protease mRNA After Passive Leg Cycling in Persons with Spinal Cord Injury, Archives of Physical Medicine and Rehabilitation, 2000:81:157-163.

Willoughby, D., **J. Priest**, and R. Jennings, “Myosin Heavy-Chain mRNA and Protein Expression in Spinal Cord Injured Following Passive Leg Cycling,” (abstract), Medicine and Science in Sports and Exercise, 32(5)Supplement, 2000.

SELECTED PUBLICATIONS (continued)

Ferguson, J.E. and **J. Priest**, "Electromyographic Responses in a C7 Tetraplegic During Passive Leg Cycling," (abstract), Medicine and Science in Sports and Exercise, 32(5)Supplement, 2000.

Welsh, L. and **J. Priest**, "Change in Peak Power Output in Spinal Cord Injured Individuals Following Aerobic and Interval Training," (abstract), Medicine and Science in Sports and Exercise, 32(5)Supplement, 2000.

Blankenship, M. and **J. Priest**, "Paraplegic Training," Fitness Management, 16:2:46-47, Feb., 2000.

Priest, J., D. Hagan, S. Simpson, R. Jennings, and B. Little. "Improved Exercise Capacity of Paraplegics Following Eight Weeks of Unassisted Leg Cycle Training," submitted to the American Journal of Human Biology, Dec, 1999, denied.

Willoughby, D., **J. Priest**, and R. Jennings, "Myosin Heavy-Chain and Ubiquitin mRNA Expression in Spinal Cord Injured Following 12 Weeks of Leg Cycling," (abstract), Medicine and Science in Sports and Exercise, 31(5)Supplement, 1999.

Priest, J., D. Hagan, and R. Jennings, "Electromyographic Responses of Tetraplegics to Leg Cycling and Training," (abstract), Medicine and Science in Sports and Exercise, 30(5)Supplement, 1998.

Priest, J., D. Hagan, and R. Jennings, "Skeletal Muscle Responses of two "Complete" Paraplegics following 10 weeks of Psyche™ Training," (abstract), Medicine and Science in Sports and Exercise, 29(5)Supplement, 1997.

Simpson, S., **J. Priest**, and R. Jennings, "The Use of the Psyche™ in Rehabilitation," Athletic Therapy, July, 1996.

Priest, J., D. Hagan, P. Snell, and R. Jennings, "Improved Cardiorespiratory Responses of Two "Complete" Paraplegics Following 12 Weeks of Unassisted Leg Cycle Training," (abstract), Medicine and Science in Sports and Exercise, 28(5)Supplement, 1996.

Priest, J., D. Hagan, S. Simpson, and R. Jennings, "Improved Exercise Capacity of Paraplegics Following Eight Weeks of Unassisted Leg Cycle Training," (abstract), Medicine and Science in Sports and Exercise, 27(5)Supplement, 1995.

Clifford, C., and **J. Priest**, "Coincidence of Optimal Warm-up and Performance-Inhibiting Fatigue," Fitness Management, 11(4):42-43, March, 1995.

Priest, J., D. Hagan, and J. Gillespie, "Force-Velocity-Power Relations in Male and Female Tennis Players," (abstract), Medicine and Science in Sports and Exercise, 26(5),Supplement, 1994.

Pierce, O., Gillespie, J. and **J. Priest**. "A Program for the Administration of FITNESSGRAM to Fourth, Fifth, and Sixth Grades," Texas Association of Health, Physical Education, Recreation, and Dance Research Abstracts, 1993.

SELECTED PUBLICATIONS (continued)

Lorenz, J., **J. Priest**, and J. Gillespie, "The Effect of 75 Percent Heart Rate Reserve on Card Sorting in College-aged Students," (abstract), Medicine and Science in Sports and Exercise, 25(5):199, 1993.

Gollihar, W. and **J. Priest**. "Fitnessgram as a Motivator for Lifelong Fitness," Teaching Elementary Physical Education, 4(1):3, January, 1993.

Priest, J. "Telecommunications for Magnet Schools of America," Choice, a publication of Magnet Schools of America, 1(2), February, 1992.

Priest, J. and R. Hagan. "The Effects of Maximum Steady State Training on Running Performance in Male Runners," British Journal of Sports Medicine, 21(1):18-21, 1987.

Priest, J. and S. Holshouser. "Issues in Prepubescent Strength Training," Journal of Physical Education and Recreation, 58(8):68-71, 1987.

Priest, J. and E. Samaniego. "Muscle Soreness," Fitness Industries, 5(3):43-46, 1987.

Priest, J. and N. Priest. "Exercise Myths and Half-Truths," Fitness Management, 3(4):29-30, 1987.

Priest, J. and R. Monteiro. "Just How Fit Are Instructors?" Aerobics and Fitness, 5(1):32-35, 1987.

Priest, J. "Training Intensity Affects Improvement," American Running and Fitness Association, July, 1987.

Priest, J. and N. Priest. "POWER-PACKED," an original fitness training manual for the understrong, Cooper Institute for Aerobics Research, Dallas, TX, 1987

Priest, J. and N. Priest. "FAT CHANCE," an original fitness training manual for the overfat, Cooper Institute for Aerobics Research, Dallas, TX, 1987.

Priest, N. and **J. Priest**. "GET FIT," an original fitness training manual for special populations, Cooper Institute for Aerobics Research, Dallas, TX, 1986.

Priest, J., R. Hagan, and D. Ingram. "The Effects of Seven Weeks of Aerobic Training at Maximum Steady State," (abstract) Medicine and Science in Sports and Exercise, 17(1):268, 1985.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (62)

McCulloch, A., **J. Priest**, J. Gillespie, and K. Peak. "The JJ Shuttle and In-Game Defensive Basketball Performance for Collegiate Male Players, Texas Association of the American College of Sports Medicine, March, 2016.

Hayworth, M., A. Vineyard, and **J. Priest**, "Disappearance of HRV with Orthostatic and Exercise Challenge," accepted for but not presented at the state conference of the PA Association of the American College of Sports Medicine, Harrisburg, PA, Nov., 2008.

Priest, J., "Scope of the Elementary Medical Sciences Magnet School," Conference for Magnet Schools of America, Columbus, MS, June, 2008

Jones, J. and **J. Priest**, "A New 60-yd Run-Shuttle to Determine Agility," the National Strength and Conditioning Sports-Specific National Conference, Anaheim, CA, Jan. 4, 2008.

Milner, T., M. Hayworth, and **J. Priest**, "Time Domain Measures of Heart Rate Variability in Well-Trained Middle-Aged Men", accepted but not presented at the national conference of the American College of Sports Medicine, New Orleans, LA, June, 2007.

Barham, K., A. Nelson, and **J. Priest**, "Heart Rate Variability of Active and Inactive Athletes During Rest and Stress", national conference of the American College of Sports Medicine, Denver, CO, June, 2006.

Milner, T., T. Pevey, and **J. Priest**, "The Relationship of Heart Rate Variability and Physical Work Capacity in College Males and Females", national conference of the American College of Sports Medicine, Denver, CO, June, 2006.

Martin, C., T. Pevey, and **J. Priest**, "Anticipatory Timing Skills in Active Intercollegiate Athletes Versus Similar Former Athletes" (denied), national conference of the American College of Sports Medicine, Denver, CO, June, 2006.

Jones, J., J. Gillespie, and **J. Priest**, "Evaluation and Interpretation of a Short-Duration Training Program on High School Athletes", national conference of the American College of Sports Medicine, Denver, CO, June, 2006.

Parker, S., **J. Priest**, and J. Gillespie, "Initial Physical Activity and BMI in a Health/International Magnet Elementary School," national conference of the American College of Sports Medicine, Nashville, TN, June, 2005.

Balkenbush, C., M. Sanderford, and **J. Priest**, "Effect of Arm Powered Passive Leg Cycling on Heart Rate Variability in Spinal Cord Injured Individuals," national conference of the American College of Sports Medicine, Nashville, TN, June, 2005.

Martin, C. and **J. Priest**, "Effects of Destabilization on the EMG Response on the Triceps and Gastrocnemius, national conference of the American College of Sports Medicine, Nashville, TN, June, 2005.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (continued)

J. Jones, R. Hagan, and **J. Priest**, "Strength Gains Following 8-weeks of Eccentric Overload Training," American College of Sports Medicine nat'l conference, San Francisco, CA, May, 2003.

Willoughby, D. and **J. Priest**, "HSP-72, Ubiquitin, and Myofibrillar Protein in the Spinal Cord Injured Following 12-Weeks of Passive Exercise," American College of Sports Medicine national conference, Baltimore, MD, May, 2001.

Willoughby, D. and **J. Priest**, "Role of Heat Shock Protein-72, Ubiquitin Proteolysis, and Myosin Heavy Chain mRNA and Protein Expression on Myofibrillar Protein Accretion in Spinal Cord Injured," the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Dallas, TX, December, 2000.

Willoughby, D., and **J. Priest**, and R. Jennings, "Myosin Heavy-Chain mRNA and Protein Expression in Spinal Cord Injured Following Passive Leg Cycling," American College of Sports Medicine national conference, Indianapolis, IN, May, 2000.

Ferguson, J.E. and **J. Priest**, "Electromyographic Responses in a C7 Tetraplegic During Passive Leg Cycling," American College of Sports Medicine national conference, Indianapolis, IN, May, 2000.

Welsh, L. and **J. Priest**, "Change in Peak Power Output in spinal cord injured Individuals Following Aerobic and Interval Training," American College of Sports Medicine national conference, Indianapolis, IN, May, 2000.

Hargrove, D. and **J. Priest**, "Electromyographic Responses of the Medial Hamstrings to Incremental Leg Cycling Forces in Spinal Cord Injured," state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

Naugle, L., and **J. Priest**, "Electromyographic Responses of a C7 Tetraplegic During Restricted and Unrestricted Passive Leg Cycling," the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

Cole, C., and **J. Priest**, "Changes in Electromyographic Responses During Constant Force Passive Leg Cycling in a Spinal Cord Injured Tetraplegic," the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

Conger, A.K., and **J. Priest**, "Bilateral Electromyographic Arm Activity During Leg Cycling in a Subject Following Cerebrovascular Accident (CVA)," the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

Ferguson, J., and **J. Priest**, "Comparative Electromyographic Responses of a Spinal Cord Injured Tetraplegic and an Able-Bodied Control During Passive Leg Cycling" the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (continued)

Welsh, L. and **J. Priest**, "Electromyographic Responses of a C-5 Tetraplegic with Heterotopic Ossification During Passive Incremental Leg Cycling Velocities, the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Austin, TX, December, 1999.

Willoughby, D., and **J. Priest**, and R. Jennings, "Myosin Heavy Chain and Ubiquitin Gene Expression Following Leg Cycle Training in Spinal Cord Injured," American College of Sports Medicine national conference, Seattle, WA, June, 1999.

Welsh, L. and **J. Priest**, "The Effect of Interval Training on Peak Power Output in a T-6 Paraplegic During Psyche™ Training, the state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Houston, TX, December, 1998.

Davis, B., D. Hargrove, and **J. Priest**, "Comparative Electromyographic Activity During Forward and Reverse Pedaling on the Psyche™," state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Houston, TX, December, 1998.

Hammond, R., D. Hargrove, and **J. Priest**, "Electromyographic Responses of a Spinal Cord Injured Tetraplegic and an Able-Bodied Control During Incremental Workloads on the Psyche™," state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Houston, TX, December, 1998.

Spradley, J., D. Hargrove, and **J. Priest**, "Electromyographic Responses to Psyche™ Training at Different Workloads and Crank Arm Positions," state conference of the Texas Association of Health, Physical Education, Recreation, and Dance, Houston, TX, Dec., 1998.

Priest, J., D. Hagan, D. Bruce, and R. Jennings, "Electromyographic Responses of Tetraplegics to Leg Cycling and Training," national conference of the American College of Sports Medicine, Orlando, FL, June 3, 1998.

Bruce, D., **J. Priest**, and R. Jennings. "Electromyographical Responses of Spinal Cord Individuals to Psyche™ Training," southern district conference of the American Alliance for Health, Physical Education, and Dance, Biloxi, MS, Feb. 5, 1998.

Manigold, B., D. Bruce, **J. Priest**, and R. Jennings. "Heart Rate Responses of Tetraplegics During Psyche™ Training," presentation at the Air Force School of Health Care Sciences, Nov., 1997.

Pierce, C., R. Gauer, D. Bruce, and **J. Priest**. "Psyche™ Training and Paraplegia," poster presentation at Air Force School of Health Care Sciences, Nov., 1997.

Mickan, K, C. Cantu, and **J. Priest**. "The Effects of Psyche™ Training in a Spinal Cord Injured Individual with Heterotopic Ossification," state conference of Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1997.

Priest, J., R.D. Hagan, and R. Jennings. "Skeletal Muscle Responses of Two 'Complete' Paraplegics to Leg Cycle Training," national conference of the American College of Sports Medicine, Denver, CO, May 28, 1997.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (continued)

Sudillo G., **J. Priest**, and R. Jennings. "The Effects of Psytle™ Training on a Person with Exercise-Induced Asthma," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Bates, T., T. Willenborg, **J. Priest**, and R. Jennings. "Psytle™ Training for a Person with Cerebral Palsy," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Roberson, M., **J. Priest**, and R. Jennings. "Effects of Psytle™ Training on a Person with Rheumatoid Arthritis," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Vanover, G., **J. Priest**, and R. Jennings. "Psytle™ Training for a Person with Rheumatoid Arthritis," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Newton, L., **J. Priest**, and R. Jennings. "Psytle™ Ergometer Training and Quadriplegia," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Lambert, C., **J. Priest**, and R. Jennings. "Orthopedic Rehabilitation Using a Combination of Psytle™ Training and Physical Therapy," state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Poage, P., **J. Priest**, and R. Jennings. "Improved Exercise Performance of MS Subject Following 12 Weeks of Psytle™ Training," state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Dietrich, D., **J. Priest**, and R. Jennings. "The Effects of the Psytle™ Training Program on an Individual with Lupus," poster presentation at the state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Bruce, D., **J. Priest**, and R. Jennings. "Administration of a Psytle™ Training Program on a University Campus," state conference of the Texas Association for Health, Physical Education, Recreation, and Dance, Dec., 1996.

Priest, J., P. Snell, and R. Jennings. "Practical Method of Attaining Physical Fitness in the Spinal Cord Injured," international conference of the International Medical Society of Paraplegia, Atlanta, GA, August, 1996.

Priest, J. and R. Jennings. "Proper Nutrition and Exercise for Persons with Physical Disabilities," state conference of the Texas Rehabilitation Commission, San Antonio, June 26, 1996.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (continued)

Simpson, S., **J. Priest**, and R. Jennings. "Case Study of Unassisted Leg Cycle Training of an L-1 Paraplegic," submitted for presentation at the National Conference of Athletic Therapy Today, Jan., 1996 (denied).

Priest, J., T. Matta, and L. Franz. "New Technology in the Health and Physical Education Curriculum," submitted for presentation at the National Association for Physical Education in Higher Education national conference, Corpus Christi, TX, Jan., 1996 (denied).

Jackson, J., C. Elms, J. Jones, and **J. Priest**. "Unassisted Leg Cycle Training in Persons with MD and MS," Texas Association of Health, Physical Education, Recreation, and Dance State Conference, Dallas, TX, Dec., 1995.

Sadler, W., J. Gillespie, and **J. Priest**. "Weighted vs. Unweighted Warm-up Prior to Batting," Texas Association of Health, Physical Education, Recreation, and Dance State Conference, Dallas, TX, Dec., 1995.

Jernigan, K, M. Ryer, and **J. Priest**. "Unassisted Leg Cycle Training in Persons with Hemiplegia and Quadriplegia," Texas Association of Health, Physical Education, Recreation, and Dance State Conference, Dallas, TX, Dec., 1995.

Meyer, S., J. Bean, and **J. Priest**. "Unassisted Leg Cycle Training in Persons with Spina Bifida," Texas Association of Health, Physical Education, Recreation, and Dance State Conference, Dallas, TX, Dec., 1995.

Priest, J., R. Hagan, S. Simpson, and R. Jennings. "Improved Exercise Capacity of Paraplegics Following Eight Weeks of Unassisted Leg Cycle Training," American College of Sports Medicine National Conference, Minneapolis, MN, June, 1995.

Priest, J., J. Gillespie, and R. Hagan. "Electronic Mentorship in Physical Education," National Association of Sport and Physical Education (NASPE) Technology Conference, San Antonio, Jan. 14-16, 1995.

Hardee, B., M. Janecka, **J. Priest**, **J. Johnson**, and J. Gillespie. "Competitive Volleyball Training Effects on Health-Related Fitness," Texas Association for Health, Physical Education, Recreation and Dance State Conference, Austin, TX, Nov. 30, 1994.

Priest, J., R. Hagan, S. Simpson, B. Bettis, and R. Jennings. "Improved Exercise Capacity During Leg Cycling on an Energy-Storage Ergometer," American Academy of Physical Medicine and Rehabilitation National Conference, Oct., 1994.

Priest, J., R. Hagan, D. Fambrough, and R. Jennings. "Perceived vs. Actual Ability of Spinal Cord Injured Subjects to Exercise on a New Energy Storage Ergometer," National Spinal Cord Injured Association National Conference, New Orleans, LA, Sept. 13, 1994.

Priest, J., D. Hagan, and J. Gillespie. "Force-Velocity-Power Relations in Male and Female Tennis Players," American College of Sports Medicine National Conference, Indianapolis, IN, June 4, 1994.

SELECTED PRESENTATIONS AT PROFESSIONAL MEETINGS (continued)

Hounshell, A., **J. Priest**, T. Mulloy, and J. Gillespie. "Perceptual-Motor Activities for the Mentally Retarded," National Association of Physical Education in Higher Education National Conference, San Antonio, Jan. 8, 1994.

Steed, S. and **J. Priest**. "A Collaboration: Increasing the Microcomputer Skills of Exercise and Sports Studies Majors," National Association of Physical Education in Higher Education National Conference, San Antonio, Jan. 6, 1994.

Pierce, O., Gillespie, J. and **J. Priest**. "Administration of FITNESSGRAM," Texas Association of Health, Physical Education, Recreation, and Dance State Conference, Galveston, TX, Dec.93.

Lorenz, J., **J. Priest**, and J. Gillespie. "Effect of 75 Percent Heart Rate Reserve on Card-Sorting in College-aged Students," American College of Sports Medicine National Conference, Seattle, WA, June 5, 1993.

Roozen, M., **J. Priest**, and J. Gillespie. "The Effects of 75 Percent Heart Rate Reserve on Anticipatory Timing in College-age Males and Females," TAHPERD Southern Association Conference, Dallas, TX, February, 1993.

Priest, J. "Coronary Risk/Management," School of Sports Management Graduate Seminar, Wheeling, WV, 1989.

Priest, J. "The Effects of Maximum Steady State Training," American College of Sports Medicine National Conference, Nashville, TN, 1985.

Priest, J. "Administration and Interpretation of CDC's Health Risk Appraisal," American Osteopathic Physicians National Conference, Corpus Christi, TX, 1983.

Priest, J. "Pace Analysis in University Cross Country Runners," Texas Association of the American College of Sports Medicine State Conference, San Antonio, TX, 1983.

GRANTS AND PROPOSALS (selected)

Priest, J. Request for funds from the TAMU Disability Training Network (DTN) to purchase equipment for training neuromuscularly-impaired, February, 2008	\$4,000
Priest, J. Continuation of Impact of Psyche™ training and verticalization on bone mineral density of SCI, November, 1998.....	\$ 4,800
Priest, J. Faculty Development Grant- Request for matching funds for travel to ACSM national conference, awarded October, 1998	\$750
Priest, J. and Floyd, K. Request to 3M for Psyche™ Training Program Expansion, October, 1998 (unfunded)	\$155,200
Priest, J. Impact of Psyche™ Training and Verticalization on Bone Mineral Density of Spinal Cord Injured, University Research Committee, November, 1997	\$ 6,615
Priest, J. Faculty Development Grant- Request for matching funds for travel to ACSM national conference, awarded October, 1997	\$500
Priest, J. and Floyd, K. Support for Psyche™ Program Expansion submitted to the Moody Foundation, May, 1997 (unfunded).....	\$281,000
Sadler, W., Newsome, R., and Priest, J. PUF Request for Noraxon, USA electromyography therapist package, awarded July, 1997.....	\$ 11,200
Priest, J. Psyche™ Training Program Expansion- Request for support of centers for certification of trainers, training of interns, and hub of expansion, submitted to the Texas A&M System, February, 1997 (unfunded).....	\$635,063
Priest, J. , W. Sadler, and R. Newsome. Creation of the Tarleton Center for Wellness and Motor Behavior, February, 1997 (unfunded)	\$ 150,000
Priest, J. Faculty Development Grant- Request for matching funds for travel to ACSM national conference, awarded October, 1996	\$500
Priest, J. "Assessment of the Muscles Used in Psyche™ Training of the Spinal Cord Injured," to the Helen Gertrude Sparks Charitable Trust, Ft. Worth, TX, January, 1996 (unfunded).....	\$17,751
Priest, J. "Scholarships for Spinal Cord Injured Students," to the Tarleton Alumni Association, Plano, TX, (unfunded)	\$ 2,000
Priest, J. "Scholarships and Personnel for Training Spinal Cord Injured Students," awarded by the Texas A&M University System, January, 1996	\$77,500

GRANTS AND PROPOSALS (continued)

- Priest, J.,** J. Mitchell, P. Snell, R. Hagan, S. Simpson, J. Herbertson, J. Gillespie, & R. Jennings. Mechanisms of Improved Functional Capacity of the Neurologically-Impaired Consequent to Leg Psycle™ Training, Vance Terrell Foundation, a 2-year research proposal, awarded December, 1995, \$ 848
- Priest, J.** "Assessment of the Muscles Used in Psycle™ Training of the Spinal Cord Injured," to the Stephenville Optimist Club, July, 1995 (unfunded) \$17,751
- Priest, J.,** D. Hagan, D. Willoughby, S. Simpson, B. Bettis, and J. Herbertson. "Mechanisms of Improved Functional Capacity of the Neurologically Impaired Consequent to Leg Psycle Training," to the Kent Waldrep National Paralysis Foundation, a 3-year research proposal, July, 1995 (unfunded) \$50,000
- Priest, J.** Cardiovascular training for the spinal cord injured, a two-year proposal to the Texas Affiliate of the American Heart Association, June, 1995 (unfunded) \$80,000
- Priest, J.** Stephenville Health Active Public Employee (SHAPE) Fitness Program, Stephenville City Council to provide annual funds for a graduate assistant, awarded August, 1995 \$ 9,000
- Priest, J.** Faculty Development Grant- Request for matching funds for travel to national conference, awarded February, 1995 \$680
- Priest, J.,** J. Gillespie, and S. Simpson. Purchase of one Psycle for use in research on unassisted leg cycling on paraplegics, Stephenville Lion's Club, awarded November, 1994 \$ 14,000
- Priest, J.,** J. Gillespie, and S. Simpson. Purchase of one Psycle for use in research on unassisted leg cycling on paraplegics, University Research Committee, awarded November, 1994..... \$ 14,000
- Priest, J.,** D. Hagan, J. Gillespie, and S. Simpson. Mechanisms of Improved Functional Capacity following 12-weeks of Psycle training. University of Texas Southwestern Medical Center, for donation of cardiorespiratory function and magnetic resonance imaging, awarded October, 1994 \$ 10,000
- Willoughby, D., J. Gillespie, **J. Priest,** S. Simpson, and R. Giles. Effects of resistance training on the muscle strength and morphology of elderly men and women, NIRSA Foundation, August, 1994 (unfunded)..... \$ 100,000
- Willoughby, D., **J. Priest,** S. Simpson, and J. Gillespie. Weight Training in the Aged: Effects on Muscle Protein, submitted to the National Institute of Health (NIH), June, 1994 (unfunded) \$ 80,670
- Priest, J.,** D. Hagan, J. Herbertson, S. Simpson, B. Bettis, S. Maupin, and K. Allred. Effects of eight weeks Psycle™ training on the neurologically-impaired. Equipment grant to Intellifit, Houston, granted January, 1994

COMMUNITY ENDEAVORS

Specialized Training at TSU—an ongoing supervised exercise program for individuals with neuromuscular impairments, 1994-present.

Graded Exercise Stress Testing with 12-lead Electrocardiogram—administered by students of Physiotherapy on individuals who pass ACSM approved screening, 1998-present.

“Programs for Special Populations,” an invited program to the Wellness, Health, and Athletic Performance Conference, Center for Health & Fitness, Hood General Hospital, February, 1997.

"Improving Quality of Life for Orthopedically-Handicapped," an invited program to the Stephenville Kiwanis Club, July 18, 1995.

"Use of EMG for the Study of Responses of SCI to Psycle™ Training," an invited program to the Stephenville Optimist Club, July 17, 1995.

"TSU's Degree and Training Program for the Neurologically-Impaired," an invited program to the Stephenville Rotary Club, April 20, 1995.

"Police Fitness and Wellness," an invited program to the Texas Basic Peace Officers, March 21, 1995.

Psycle Training at TSU--continuing efforts," presented to Stephenville Optimist Club, March 1, 1995.

"Research Activities in the Department of HPE," presented at President's Breakfast, February 3, 1995."

"Stephenville Healthy Active Public Employees (SHAPE)," a wellness program supervised by students in Exercise Physiology, implemented January, 1995.

“Senior Citizen Fitness,” presented at the Senior Citizen Center for the City of Stephenville, Sept. 22, 1997.