

CURRICULUM VITAE
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EDUCATION

College

Auburn University - Auburn, Alabama
August 1993
Doctorate of Philosophy - Ph.D. Biomechanics

Western Carolina University - Cullowhee, NC
Graduation Date: August 1974, M.A. Degree

Western Carolina University - Cullowhee, NC
Graduation Date: June 1973, B.S. Degree

Brevard College - Brevard, NC
Graduation Date: May 1971, A.A. Degree

PUBLICATIONS

Peer Reviewed Articles

1. **Barfield, W.R.**, Otteni, J.F, McBryde, A.M, Carter, J.S, Nietert, P.J. Longitudinal Study of Factors Affecting Stress Fracture Risk in Two Distinct College Female Populations. *Journal of Exercise and Sport Science*, 1(1): 29-41, 2005.
2. McCann, H, Stanitski, D.S, **Barfield, W.R.**, Leupold, J.A. The Effect of Tibial Rotation on Varus Measurement. *Journal of Pediatric Orthopaedics* (accepted for publication September 26, 2005)
3. McBryde, AM, Barfield, WR. Introduction to Sports Medicine CME Topic. *Southern Medical Journal*, 97(8): 735-737, 2004.
4. **Barfield, WR.** Comment:Role of Perceptual and Motor Abilities in Instep Kicking Performance of

Young Soccer Players by Zisi, Derri and Hatzitaki. *Perceptual and Motor Skills*, 99:811-812, 2004.

5. **Barfield, WR**, Kirkendall, DT, McBryde, AM, Padfield, JA. Who Can Coach Our Youth. *ACSM's Health & Fitness Journal*, 7(5): 10-15, 2003.
6. Woolf SK, **Barfield, WR**, Nietert PJ, Mainous, AG, Glaser, JA. The Cooper River Bridge Run Study of Low Back Pain in Runners and Walkers. *Journal of the Southern Orthopaedic Association*, December 2002.
7. **Barfield, WR**, Kirkendall, DT, Yu, B. Kinematic Instep Kicking Differences Between Elite Female and Male Soccer Players. *Journal of Sports Science and Medicine*, 3: 72-79, 2002.
8. Waggener, GT, **Barfield, W.R.**, Sessoms, G. Prediction of Maximal Vertical Jump Height, Revisited. *International Sports Journal*, 6(1), 107-111., Winter, 2002.
9. Stanitski, D.F., Nietert, P.J., Stanitski, C.L., Nadjarian, R.K., & **Barfield, W.** Relationship of Factors Affecting Early Onset of Independent Ambulation. *Journal of Pediatric Orthopaedics*, 20(5), 686-688, 2000.
10. **Barfield, W.R.** "Biomechanics of Kicking in Soccer" in *Clinics in Sports Medicine* edited by Bert R. Mandelbaum, William E. Garrett and Donald T. Kirkendall by W.B. Saunders, Philadelphia, 17(4), 711-728, 1998.
11. Bensen, C.V., **Barfield, W.R.**, Draughn, R.A., & Thompson, J.D. Biomechanical Evaluation of Methods of Scapulothoracic Fusion for the Treatment of Facioscapulothoracic Muscular Dystrophy- *Critical Reviews in Biomedical Engineering*, Vol. 26, Issues 5&6, 1998.
12. **Barfield, W.R.** Biomechanics of Kicking and Biomechanics of the Ball. In *The U.S. Soccer Federation Sports Medicine Book of Soccer* edited by William E. Garrett, Donald T. Kirkendall & S. Robert Contiguglia. Williams & Wilkins, Baltimore, 1996.
13. Waggener, G.T., **Barfield, W.R.**, Rector, M., Nettles, S., Zmuda, D., & Smith K. Static Strength Improvement Following Yogic Training in a College Activity Class. *South Carolina Journal of Health, Physical Education, Recreation, and Dance*, 28, 1, 20-23, 1996.
14. **Barfield, W.R.** Effects of Selected Kinematic and Kinetic Variables on Instep Kicking with Dominant and Nondominant Limbs. *Journal of Human Movement Studies*, 29, 251-272, 1995.
15. Carter, J.S., Ezell, M.H., **Barfield, W.R.**, & Anderson, L.H. Anthropometric, Psychomotor, and Hemodynamic Changes During Twenty-one Continuous Days of Eating Only Meals Ready-to-

Eat. *Military Medicine*. 157, 536-539, 1992.

16. Carter, J.S., & **Barfield, B.** Recommended Pre-Event Eating Patterns. *United States Coach*. (5), September - October, 6, 1991.
17. Carter, J.S., & **Barfield, B.** Players Must Replace Fluids to Maintain Optimum Performance. *United States Coach*. 2 (1) January -February, 3, 1991.
18. **Barfield, B.** & Fischman, M.G. Control of a Ground-Level Ball as a Function of Skill Level and Sight of the Foot. *Journal of Human Movement Studies*. 19, 181-188, 1990.

Peer Reviewed Book Chapters

1. **Barfield, W.R.** Skills and mechanics of football. In *International Football and Sports Medicine: Caring for the Soccer Athlete Worldwide*
Edited by Jiri Dvorak and Donald T. Kirkendall, 2005.
2. McBryde, A.M. & **Barfield, W.R.** Stress Fractures. In *The Female Athlete Book*.
Edited by M.L. Ireland, 2002.
3. **Barfield, W.R.** & R.H. Gross. Injury Prevention. In *Care of the Young Athlete*. Edited by A. Sullivan, American Academy of Orthopaedic Surgeons and the American Academy of Pediatrics, 121-130, 2000.
4. **Barfield, W.R.** Biomechanics of Kicking. In *Exercise and Sport Science*. Edited by William E. Garrett & Donald T. Kirkendall. Lippincott Williams & Wilkins, Baltimore, 551-562, 2000.
5. An, Y.H., **Barfield, W.R.**, & Draughn, R.A. Basic Concepts of Mechanical Property Measurement and Bone Biomechanics. In *Mechanical Testing of Bone and the Bone-Implant Interface*, Edited by Y.H. An & R.A. Draughn. CRC Press, New York, 23-40, 2000.
6. An, Y.H. & **Barfield, W.R.**, & Knets, I. Methods of Evaluation for Bone Dimensions, Densities, Contents, Morphology, and Structures. In *Mechanical Testing of Bone and the Bone-Implant Interface* edited by Y.H. An & R.A. Draughn. CRC Press, New York, 103-118, 2000.
7. McBryde, A.M. & **Barfield, W.R.** Stress Fractures of the Foot and Ankle. *Foot & Ankle Clinics*, 4(4), W.B. Saunders, Philadelphia, 881-909, 1999.

Peer-Reviewed Abstracts

1. Terrell, T, Bostick, R, Abramson, R, Xie, D, **Barfield, W**, Stanek, T, Ewing, T. APOE Promotor

Polymorphism is a Risk Factor for Concussion in College Athletes. *Clinical Journal of Sports Medicine*, 15(4): July 2005.

2. **Barfield, WR**, Darr, EA, Leupold, JA, Hartsock, LA. The Effect of Femoral Neck Normalization in Females on Potential Fracture Risk. *Medicine & Science in Sports & Exercise*, 2005.
3. **Barfield, WR**, Gross, RH, Cook, M. Codetron as an Adjunctive Treatment Modality in Pediatric Patients Following Spinal Surgery. *Medicine & Science in Sports & Exercise*, 36(5):S127, 2004.
4. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, Nietert, PJ. The Effect of Physical Activity Differences on Sex Hormone Values Between Two College Female Samples. *Medicine & Science in Sports & Exercise*, 35(5): S440, 2003.
5. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. *Orthopaedic Research Society Transactions*-February 2-5, 2003, New Orleans, LA.
6. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. *Bioengineering:Current Concepts*, September, 2002.
7. **Barfield, WR**, Leupold JA, An, YH, Hartsock, LA. An *In Vivo* Comparison of Bone Graft Substitute Resorption Utilizing a Rabbit Femoral Defect Model. *Bioengineering:Current Concepts*, September, 2002.
8. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. *Medicine & Science in Sports & Exercise*, 34(5): S37, 2002.
9. **Barfield, WR**, Kirkendall, DT & Yu, B. Kinematic Kicking Differences Between Elite Female and Male Soccer Players. *Medicine & Science in Sports & Exercise* Supplement to Volume 33, No.5., 2001.
10. Woolf, SK, **Barfield, WR**, Nietert, P.J., Mainous, A. & Glaser, J. Survey of Runners and Walkers With and Without Low Back Pain. *Medicine & Science in Sports & Exercise* Supplement to Volume 33, No.5., 2001.
11. **Barfield, W.R.**, DeMarco, J.R., Merrill, K.D., McBryde, A.M., & Nietert, P.J. Prospective Study of Lower Extremity Injuries in Female Athletes. *Medicine & Science in Sports & Exercise* Supplement to Volume 32, No.5., 2000.
12. **Barfield, WR**, DeMarco, JR & Merrill, KD, Nietert,PJ. The Association Between Q-Angle, Previous Injury, and Demographics with ACL Injury in Female Athletes. *Medicine &*

Science in Sports & Exercise Supplement to Volume 31, No.5., 1999.

13. Warren, BJ, Glass, RA, & **Barfield, WR.** Angular Differences in the Lower Extremities During Racewalking in Trained Older vs Younger Racewalkers. *Medicine & Science in Sports & Exercise* Supplement to Volume 31, No.5.,1999.
14. Godsen, R., **Barfield, B.**, & Godsen, C. An Evaluation of the SR3200 Sports Radar Gun. *Medicine & Science in Sports & Exercise* Supplement to Volume 28,, 1996.
15. **Barfield, W.R.** Effects of Selected Kinematic and Kinetic Variables on Instep Kicking with Dominant and Nondominant Limbs. *Third International Olympic Committee (IOC) World Congress on Sport Sciences Proceedings*, 1995.
16. **Barfield, W.R.** Major Challenges in EMG Analysis-extended abstracts for the *International Society of Electrophysiology and Kinesiology Newsletter* in winter 1994.
17. **Barfield, W.R.** Strengths and Weaknesses of Motion Analysis *International Society of Electrophysiology and Kinesiology Newsletter* in spring 1995.

Non-Peer Reviewed Articles

1. **Barfield, W.R.**, Calandra, J. The Relationship Between Coaching Soccer and Orthopaedic Residency Education. *MUSC Orthopaedic Journal*, 8: 7-10, 2005.
2. Harper, MF, An, YH, **Barfield, WR.** Effect of Cox-2 NSAIDS on Bone Metabolism in Rats. *USC/PHR Orthopaedic Journal*, 2: 85-87, 2004.
3. Fernandez, J, **Barfield, WR**, Wasielewski, N. Projected Model for Calculating Anterior Cruciate Ligament Injury Frequencies in Female Athletes. *MUSC Orthopaedic Journal*, 5: 28-33, 2004.
4. **Barfield, WR**, Hartsock, LA. The Effect of Femoral Neck Normalization on Proximal Femur Fracture Risk. *MUSC Orthopaedic Journal*, 5: 68-70, 2004.
5. **Barfield, WR**, Demos, HA, Hogan, KA, Straus, B, Brilliant, H., Jackson, K., Postma, W. Kinematics of Gait Following Total Hip Arthroplasty:a Proposed Comparison of Surgical Approaches. *MUSC Orthopaedic Journal*, 5: 27-28, 2003.
6. Gross, RH, Cook, M., **Barfield, WR.** Codetron as an Adjunctive Treatment Modality in Pediatric Patients Following Spinal Surgery. *MUSC Orthopaedic Journal*, 5: 23-26, 2003.
7. An, YH, **Barfield, WR**, Knets, I. Methods of Mechanical Testing-A Concise Review. *USC/PRMH Orthopaedic Journal*, 1: 46-56, 2002.
8. Woolf, SK, **Barfield, WR**, McBryde, AM. A Comparison of Postoperative Pain Treatment Using

CCT and Ice. *MUSC Orthopaedic Journal*, 5: 30-33, 2002.

9. Leupold, JA, **Barfield, WR**, Steed, LL & Hartsock, LA. Microbial Comparison Between Chemically Treated and Untreated Cast Stockinet. In *MUSC Orthopaedic Journal-Vol IV*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, L.A. Hartsock, J.A. Leupold, K.L. Martin, A.M, 2001.
10. **Barfield, WR** & Kirkendall, DT. Biomechanics of Kicking. In *MUSC Orthopaedic Journal-Vol IV*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, L.A. Hartsock, J.A. Leupold, K.L. Martin, A.M, 2001.
11. Otteni, JF, **Barfield, WR**, McBryde, AM, Carter, JS & Nietert, PJ. Differences in Bone Mineral Density Between Two Populations of College-Aged Females. In *MUSC Orthopaedic Journal-Vol IV*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, L.A. Hartsock, J.A. Leupold, K.L. Martin, A.M, 2001.
12. Conrad, JM, Leupold, JA, **Barfield, WR**, DeMarco, JR, Nietert, PJ & McBryde, AM. Prospective Study of Knee Injuries in High School Female Athletes. In *MUSC Orthopaedic Journal-Vol IV*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, L.A. Hartsock, J.A. Leupold, K.L. Martin, A.M, 2001.
13. Woolf, S.K., **Barfield, W.R.**, Nietert, P.J., Mainous, C, & Glaser, J.A. A Prospective Study of Low Back Pain in Runners and Walkers. In *MUSC Orthopaedic Journal-Vol III*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, K.L. Martin, A.M. McBryde, B.E. McKoy, 2001.
14. Otteni, J.F., **Barfield, W.R.**, McBryde, A.M. & Carter, J. & Nietert, P.J. Evaluation of Factors Associated with Increased Risk of Stress Fracture Among Two Distinct College Populations-Preliminary Results. In *MUSC Orthopaedic Journal-Vol III*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, K.L. Martin, A.M. McBryde, B.E. McKoy, 2000.
15. Schutte, H.D., DeMarco, J.R., & **Barfield, W.R.** The Ins and Outs of Polyethylene: What Every Orthopaedist Should Know. In *MUSC Orthopaedic Journal-Vol III*. Edited by S.K. Woolf, Y.H. An, W.R. Barfield, K.L. Martin, A.M. McBryde, B.E. McKoy, 2000.
16. **Barfield, W.R.**, Otteni, J.F., McBryde, A.M. & Carter, J. Evaluation of Factors Associated with Increased Risk of Stress Fracture Among a Group of Female Freshman Cadets and a Female Control Group-An Initiated Study. In *MUSC Orthopaedic Journal-Vol II*. Edited by A.M. McBryde, W.R. Barfield, C.V. Bensen, & B.E. McKoy, 1999.
17. DeMarco, JR, **Barfield, W.R**, Merrill, KD & McBryde, AM. Prospective Study of Knee Injuries in High School Female Athletes-An Ongoing Study. In *MUSC Orthopaedic Journal-Vol II*. Edited by A.M. McBryde, W.R. Barfield, C.V. Bensen, & B.E. McKoy, 1999.

18. Hermann, M., McBryde, A.M., Russell, K.N., Peindl, R.D., Fowble, C.D., Mays, J.T., **Barfield, W.R.**, & Kirol, B. Monitoring Intracompartmental Pressure Changes in the Anterior and Deep Posterior Compartments of the Leg During Exercise. In *MUSC Orthopaedic Journal-Vol I*. Edited by A.M. McBryde, W.R. Barfield, & C.V. Bensen (pp.25-33), 1998.
19. Ellison, T.S., McBryde, A.M., Hutchinson, F., Lebl, M., Mays, J.T., & **Barfield, W.R.** Acute Compartment Syndrome of the Posterior Thigh Following Chronic Hamstring Tear-A Case Report. In *MUSC Orthopaedic Journal-Vol I*. Edited by A.M. McBryde, W.R. Barfield, & C.V. Bensen (pp.33-37),1998.
20. Gross, R.H., **Barfield, W.R.**, Mackey, E.S., & Scottow, C. (1998). Peroneal Weakness As a Determining Factor in Outcome of Treatment for Clubfoot. In *MUSC Orthopaedic Journal*. Edited by A.M. McBryde, W.R. Barfield, & C.V. Bensen (pp.65-69), 1998.
21. **Barfield, W.R.** Effects of Selected Biomechanical Variables on a Coordinated Human Movement:
Instep Kicking with Dominant and Non-Dominant Feet (Dissertation Topic), 1993
22. **Barfield, B.**, Dillman, C., & Saperstein, E. Effects of Selected Kinematic Variables on Foot and Ball Velocity in the Soccer Instep Kick with Dominant and Non-Dominant Legs. (January, 1991 pilot study-unpublished), 1991.
23. **Barfield, B.**, Varner, R., & Teeters, E Co-Author, Comprehensive Elementary Physical Education
Curriculum Guide for Grades K-6 (August, 1975 - Buncombe County School System-Asheville, NC).

PRESENTATIONS

International/National

1. Codetron as an Adjunctive Treatment in Children Following Spinal Surgery. American College of Sports Medicine Annual Meeting-Indianapolis, IN-June 2, 2004.
2. The Effect of Physical Activity Differences on Sex Hormone Values Between Two College Female Samples. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, & Nietert, PJ. American College of Sports Medicine-National Meeting., May 29, 2003.
3. Retrocalcaneal Burscopy: An Endoscopic Technique for the Treatment of Haglund's Deformity and Retrocalcaneal Bursitis. McBryde, AM, Bell, T, Ortman, F, Baltz, M, & **Barfield, B.** International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine- March 11, 2003, Auckland, New Zealand.

4. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. Orthopaedic Research Society Annual Meeting-February 3-4, 2003, New Orleans, LA.
5. An *In Vivo* Comparison of Bone Graft Substitute Resorption Utilizing a Rabbit Femoral Defect Model. Leupold JA, **Barfield, WR**, An, YH, Hartsock, LA. International Society for Fracture Repair, Toronto, Canada, October 9, 2002.
6. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. American College of Sports Medicine-National Meeting May 29, 2002. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, & Nietert, PJ.
7. Skills & Mechanics. International Football and Sports Medicine Conference. Sponsored by American Orthopaedic Society for Sports Medicine & Federation International Football Association. March 22, 2002. **Barfield, WR**.
8. The Impact of Physical Activity Differences on Sex Hormone Values Between Two College Female Populations. Southeast American College of Sports Medicine-February 1, 2002. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, & Nietert, PJ.
9. Survey of Runners and Walkers With and Without Low Back Pain. American College of Sports Medicine National Meeting-Baltimore, MD. June, 2001. Woolf, SK, **Barfield, WR**, & Glaser, J.
10. Kinematic Kicking Differences Between Elite Female and Male Soccer Players. American College of Sports Medicine National Meeting-Baltimore, MD. June, 2001. **Barfield, WR**, Kirkendall, DT & Yu, B.
11. Survey of Runners and Walkers with Low Back Pain. The American Orthopaedic Association-34th Annual Residents Conference-Hershey, PA. March 30, 2001. Woolf, SK, **Barfield, WR**, & Glaser, J.
12. Microbial Comparison Between Chemically Treated and Untreated Cast Stockinet. The American Orthopaedic Association-34th Annual Residents Conference-Hershey, PA. March 30, 2001. Leupold, JA, **Barfield, WR**, Steed, LL, & Hartsock, LA.
13. A Study of Low Back Pain Among Runners and Walkers. Society for Physical Regulation in Biology and Medicine-January 12, 2001. Woolf, SK, **Barfield, WR**, Nietert, PJ, Mainous C, Glaser, JA.
14. Anteroposterior and Inversion-Eversion Measurement of Lateral Ankle Ligamentous Laxity Following Exercise. Society for Physical Regulation in Biology and Medicine-January 12, 2001. Leupold, JA, **Barfield, WR**, Saha, S., Kirk, T., Macmillan MS, & McBryde, AM.
15. One-Year Follow-Up of Stress Fracture Risk Factors Between Two Distinct College Female

- Populations. Society for Physical Regulation in Biology and Medicine-January 12, 2001. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, & Nietert, PJ.
16. Prospective Study of Lower Extremity Injuries in High School Female Athletes. American College of Sports Medicine National Meeting-Indianapolis, IN, June 3, 2000. **Barfield, WR**, DeMarco, JR, Merrill, KD & McBryde, AM.
 17. The Ins and Outs of Polyethylene-What Every Orthopaedist Should Know-Scientific Exhibit. American Academy of Orthopaedic Surgeons 67th Annual Meeting-March 15-19, 2000-Orlando, Fl., DeMarco JR , **Barfield WR**, & Schutte HD.
 18. Performance and Skill Acquisition in Soccer Players - National US Youth Soccer Workshop, Philadelphia, PA, February 24-27, 2000, **Barfield, W.R.**
 19. Evaluation of Stress Fracture Risk Factors Between Two Distinct College Female Populations. Society for Physical Regulation in Biology in Medicine-January 5, 2000. **Barfield,WR**, Otteni, JF, McBryde, AM, Carter, JS, Nietert, PJ.
 20. The Association Between Q-Angle, Previous Injury, and Demographics with ACL Injury in Female Athletes. National American College of Sports Medicine Meeting, June, 1999, Seattle. **Barfield, WR**, DeMarco, JR & Merrill, KD, Nietert,PJ.
 21. Angular Differences in the Lower Extremities During Racewalking in Trained Older vs Younger Racewalkers. National American College of Sports Medicine Meeting, June, 1999, Seattle. Warren, BJ, Glass, RA, & **Barfield, WR**.
 22. Performance and Skill Acquisition in Soccer Players - National US Youth Soccer Workshop, Chicago, IL., February 26-27, 1999, **Barfield, W.R..**
 23. Evaluation of Factors Associated with Increased Risk of Stress Fracture Among a Group of Female Freshman Cadets and a Female Control Group-Society for Physical Regulation and Biology in Medicine-November 13, 1998-Long Beach, CA, **Barfield, WR**, McBryde, AM, Otteni, JF, Carter, JS, Saha, S.
 24. Performance and Skill Acquisition in Soccer Players - SCYSA Workshop, Columbia, SC., August 8, 1998, **Barfield, W.R..**
 25. Biomechanical Evaluation of Methods of Scapulothoracic Fusion for the Treatment of Facioscapulohumeral Muscular Dystrophy-44th Annual Meeting of the Orthopaedic Research Society-New Orleans, March 16-19, 1998 Bensen, C.V., **Barfield, W.R.**, Draughn, R.A., & Thompson, J.D.-poster.
 26. Biomechanical Evaluation of Methods of Scapulothoracic Fusion for the Treatment of Facioscapulohumeral Muscular Dystrophy-65th Annual Meeting of the American

Academy of Orthopaedic Surgeons-New Orleans, March 19-23, 1998 (Bensen, C.V., **Barfield, W.R.**, Draughn, R.A., & Thompson, J.D.)

27. Performance and Skill Acquisition in Soccer Players - National US Youth Soccer Workshop, Dallas, Tx., March 13 & 14, 1998, **Barfield, W.R.**
28. Performance and Skill Acquisition in Soccer Players - National US Youth Soccer Workshop-Salt Lake City, Utah March 7 & 8, 1997, **Barfield, W.R.**
29. An Evaluation of the SR 3200 Sports Radar Gun - National ACSM Meeting - Cincinnati, Ohio, May 29, 1996. Godsen, R., **Barfield, W.R.**, Frishberg, B, & Godsen, C.
30. Performance and Skill Acquisition in Soccer Players - National US Youth Soccer Workshop Providence, R.I., March 1, 1996, **Barfield, W.R.**
31. Effects of Selected Kinematic and Kinetic Variables on Instep Kicking with Dominant and Nondominant Limbs. Third International Olympic Committee World Congress on Sport Sciences-Atlanta, Ga., September 16-22, 1995, **Barfield, W.R.**
32. Kinematics and Kinetics of Instep Kicking accepted at the Third World Congress of Science and Football scheduled for Cardiff, Wales, April 9-13, 1995-accepted but unable to present due to lack of funding, **Barfield, W.R.**
33. Effects of Selected Biomechanical Variables on a Coordinated Human Movement: Instep Kicking with Dominant and Nondominant Feet. Second World Congress on Biomechanics - Amsterdam, The Netherlands, July 1994. **Barfield, W.R.** & Lander, J.E.-poster
34. Biomechanics of Kicking and Biomechanics of the Soccer Ball - World Cup Symposium on Sports Medicine in Soccer - Orlando, Fl, June 1994, **Barfield, W.R.**
35. Control of a Ground-Level Ball as a Function of Skill Level and Sight of the Foot - AAHPERD National Convention, April 1991, Fischman, M. & **Barfield, W.R.**

Regional

1. The Effect of Femoral Neck Normalization in Females on Potential Fracture Risk. Darr, EA, **Barfield, WR**, Leupold, JA, Hartsock, LA., Southeast ACSM, January 29, 2005.
2. Projected Model for Calculating Anterior Cruciate Ligament Injury Frequencies in Female Athletes. Fernandez, JM, **Barfield, WR**, & Wasielewski, N., Southeast ACSM, January 29, 2004.

3. Longitudinal Survey of Physical Activity and Bone Mineral Density Differences Between College Female Samples. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. Southeast American College of Sports Medicine-January 31, 2003, Atlanta, GA.
4. The Impact of Physical Activity Differences on Bone Mineral Density Between Two College Female Populations. **Barfield, WR**, Otteni JF, McBryde, AM, Carter, JS, Nietert, PJ. Southern Bioengineering Meeting, Washington, DC, September 28, 2002.
5. An *In Vivo* Comparison of Bone Graft Substitute Resorption Utilizing a Rabbit Femoral Defect Model. **Barfield, WR**, Leupold JA, An, YH, Hartsock, LA. Southern Bioengineering Meeting, Washington, DC, September 28, 2002.
6. A Comparison of BMI and DEXA Scans as a Measure of Body Composition Between Two College-Aged Female Populations. Southeast American College of Sports Medicine-January 27, 2001. Otteni, JF, **Barfield, WR**, McBryde, AM, Nietert, PJ.
7. Differences in Bone Mineral Density Between Two College Aged Female Populations. Southeast American College of Sports Medicine-January 25, 2001. Otteni, JF, **Barfield, WR**, McBryde, AM, Nietert, PJ.
8. Low Back Pain in Runners and Walkers. Southeast American College of Sports Medicine-January 25, 2001. Woolf, SK, **Barfield, WR**, Nietert, PJ, Mainous C, Glaser, JA.
9. Prospective Study of Lower Extremity Injuries in High School Female Athletes. NC/SC Orthopaedic Association Meeting. October 7, 2000. Conrad, J.M. **Barfield, WR**, DeMarco, JR, Merrill, KD & McBryde, AM.
10. Evaluation of Stress Fracture Risk Factors Between Two Distinct College Female Populations. Southern Bioengineering Meeting-Virginia Tech. April 14-16, 2000. Otteni, JF, **Barfield, WR**, McBryde, AM, Carter, JS, Nietert, PJ.
11. Evaluation of Stress Fracture Risk Factors Between Two Distinct College Female Populations. Southeast American College of Sports Medicine-January 27, 2000. **Barfield, WR**, Otteni, JF, McBryde, AM, Carter, JS, Nietert, PJ.
12. Hydrostatic Weighing: An Alternative Method. Southeast American College of Sports Medicine-January 27, 2000. Mendez, T, Arneson, AM, Fleming, JB, Fulmer, KM, Rozzi, SL, **Barfield, WR**.
13. Prospective Study of Knee Injuries in High School Female Athletes. Southern Orthopaedic Association's 16th Annual Meeting-July 15-17, 1999-Amelia Island, Fl., DeMarco, JR, **Barfield, WR**, Merrill, KD & McBryde, AM.
14. Evaluation of Factors Associated with Increased Risk of Stress Fracture Among a Group of

- Female Freshman Cadets and a Female Control Group-Southern Biomedical Engineering Conference -May 20-22,1999-Clemson, SC. **Barfield, WR**, McBryde, AM, Otteni, JF, Carter, JS, Saha, S.
15. Prospective Study of Knee Injuries in High School Female Athletes. Southern Biomedical Engineering Conference-May 20-22, 1999-Clemson, SC. **Barfield, WR**, DeMarco, JR, Merrill, KD, McBryde AM & Nietert PJ.
 16. Biomechanical Evaluation of Methods of Scapulothoracic Fusion for the Treatment of Facioscapulohumeral Muscular Dystrophy- Southern Biomedical Engineering Conference-May 20-22, 1999-Clemson, SC. Bensen, C.V., **Barfield, W.R.**, Draughn, R.A., & Thompson, J.D.
 17. Prospective Study of Knee Injuries in High School Female Athletes. Southeast American College of Sports Medicine Meeting-February 1999. **Barfield, WR**, DeMarco, JR, Merrill, KD, McBryde AM, & Nietert PJ.
 18. Testing an Urban Legend-Does Ankle Circumference Predict Jump Height? Southeast American College of Sports Medicine Meeting-February 1999. Waggener, GT, **Barfield, WR**, Sessoms, E.
 19. Tibial Stress Fracture:A Case Study. Southeast American College of Sports Medicine Meeting-February 1999. McBryde AM, **Barfield, WR**, & Conway, W.
 20. An Evaluation of the Jugs Radar Gun. Southeast American College of Sports Medicine-Destin, Fl, January 30, 1998. Godsen, R. & **Barfield, W.R.**
 21. An Evaluation of the SR 3200 Sports Radar Gun - College of Charleston Scientific Poster Session, April, 1997. **Barfield, W.R** ,Godsen, R., Godsen, C., & Frishberg, B.
 22. An Evaluation of the Micro Medical Microspirometer. College of Charleston Scientific Poster Session, April, 1997 .Waggener, G.T., **Barfield, W.R.**, Godsen, R., & Godsen, C.
 23. ** An Evaluation of the Micro Medical Microspirometer. Southeast American College of Sports Medicine - Atlanta, Ga., January 25, 1997 .Waggener, G.T. **Barfield, W.R.**, & Godsen, R.
 24. **The Acute Effect of Short-Term, Intense Exercise Upon Mechanical Pulmonary Function. Southeast American College of Sports Medicine - Atlanta, Ga., January 24, 1997 Godsen, R., **Barfield, W.R.**, & Waggener, G.T.

** selected among the top 30 papers at the 1997 Southeast American College of Sports Medicine Meeting

25. A Theoretical Model for Estimating Walking Distance. Southeast American College of Sports Medicine - Chattanooga, TN., February 1, 1996. Godsen, R., **Barfield, W.R.**, Godsen, C., & Berry, K.
26. Effects of Selected Biomechanical Variables on a Coordinated Human Movement: Instep Kicking with Dominant and Nondominant Feet. Southeast American College of Sports Medicine-Lexington, Kentucky, February 2, 1995, **Barfield, W.R.**

Local/State

1. Codetron as an Adjunctive Treatment in Children Following Spinal Surgery. Meeting of Pediatric South American Traveling Fellows. Department of Orthopaedic Surgery-Medical University of South Carolina, May 4, 2005.
2. Stress Fracture Risks, Femoral Normalization Techniques and Kicking Biomechanics. Bioengineering Research Infrastructure Network (BRIN) Lecture to Biology/Nursing Students and Faculty at Charleston Southern University-**Barfield, WR**-March 16, 2005.
3. The Effect of Femoral Neck Normalization in Females on Potential Fracture Risk. Darr, EA, **Barfield, WR**, Leupold, JA, Hartsock, LA. MUSC Summer Health Professionals Research Program Presentations. August 10, 2004.
4. Skills and Mechanics in Soccer Instep Kicking. Columbia College Science Seminar-Sponsored by the Bioengineering Research Infrastructure Network (BRIN) of South Carolina-February 9, 2004.
5. Clinical Gait Analysis. Grand Rounds for MUSC Department of Orthopaedic Surgery, Medical University of South Carolina, November 18, 2003.
6. Kinematic Assessment of Gait in an Adult Male with Right Knee Pathology. Postma, W, **Barfield, WR**, Jackson, K, Lowery, RB, Hogan, K MUSC Research Day 2003, November 7, 2003.
7. Kinematics of Pathologic Gait SUR Project 2003. **Barfield, WR**, Jackson, K, Postma, W, Lowery, RB, Hogan, K College of Charleston Poster Session.. August 25, 2003
8. Kinematics of Pathologic Gait_SUR Project 2003. School of Education Faculty Work Session. **Barfield, WR**, Jackson, K, Postma, W, Lowery, RB, Hogan, K. August 19, 2003
9. Offset and Femoral Anteversion in Total Hip Arthroplasty. Conrad, JM, **Barfield, WR.**, Schutte, HD. South Carolina Orthopaedic Association Meeting-Kiawah Island, August 2, 2002.
10. Sports Medicine Research at MUSC. 1999 Annual Meeting of the Bioengineering Alliance of South Carolina-June 30,1999-Storm Eye Institute Auditorium-Medical University of South Carolina. **Barfield, W.R.**

11. Biomechanics in Sport-Georgetown Senior Scholars-Georgetown SC-February 16, 1999, **Barfield, W.R.**
12. Evaluation of Factors Associated with Increased Risk of Stress Fracture Among a Group of Female Freshman Cadets and a Control Group and other associated research projects-1998 Annual Meeting of the Bioengineering Alliance of South Carolina-April 30, 1998-Swearingen Engineering Center-University of South Carolina-Columbia, **Barfield, W.R.**
13. An Evaluation of the Jugs Radar Gun. College of Charleston School of Mathematics 10th Annual Scientific Research Poster Session-April 17, 1998. Godsen, R.& **Barfield, W.R.**-poster
14. Static Strength Improvement Following Yogic Training in a College Activity Class - SCAHPERD Meeting- Myrtle Beach, SC, November 18, 1995. **Barfield, W.R.** & Waggener, G.T.
15. Effects of Selected Biomechanical Variables on a Coordinated Human Movement: Instep Kicking with Dominant and Nondominant Feet. SCAHPERD - Myrtle Beach, SC, November, 1994, **Barfield, W.R.**

REVIEWER

I currently review manuscripts for:

Medicine & Science in Sports & Exercise

American Journal of Sports Medicine

Journal of Bone & Joint Surgery

South Carolina Journal for Health, Physical Education, Recreation and Dance.

Perceptual and Motor Skills

Journal of Sports Science & Medicine

Journal of Sports Biomechanics

Reviewed a Position Statement on Consequences of Heading in Soccer and Head Injuries in Soccer for the US Sports Medicine Committee in August, 1997.

Reviewed a strength exercise book in November 1998 on *Complete Body Development with Dumbbells* for Mark McKeon and Karl Malone of the **NBA's Utah Jazz**.

Reviewed *Badminton Today* by Wadood & Tan for Wadsworth Publishing, September, 2000.

Reviewed *Physical Education and Kinesiology:Paradigms of Growth* for Lippincott Williams and Wilkins, February, 2002.

Reviewed *The Carolina Guide to Soccer Health and Fitness* by Don Kirkendall and William E. Garrett for University of North Carolina Press in August 2002.

Reviewed *Life Span Motor Development and Learning Activities for Life Span Motor Development* by Haywood & Getchell for Human Kinetics in August 2003.

Currently Reviewing (March-April 2004) *Kinesiology-Scientific Basis of Human Motion-Tenth Edition* by Nancy Hamilton and Kathryn Luttgens for McGraw Hill.

EDITOR

Co-edited all seven *MUSC Department of Orthopaedics Journals* published each June since 1998, through June 2005, and the *USC/PRMH Orthopaedic Journals* published in July 2002 and July 2004.

PROFESSIONAL ORGANIZATIONAL WORK

1. SCAPES (member organization of SCAHPERD) International Chair-1997.
2. Chaired sessions at SCAHPERD Meeting in Myrtle Beach, SC November, 1996 and November, 1997.
3. Chaired a session on Cycling Biomechanics at National ACSM Meeting in Denver, CO in May, 1997.
4. Chaired a session at 18th Southern Biomedical Engineering Conference-May 20-22, 1999 at Clemson, SC.
5. Serve on International Advisory Committee for the First International Conference on Medical Implants to be held in late summer, 2000.
6. Serve as chair of a session on Sport Biomechanics at the National ACSM Meeting in Indianapolis, IN, June 1, 2000.
7. Serve as chair of a session on Sport Biomechanics at the National ACSM Meeting in Baltimore, MD, May 30, 2001.
8. Serve on Executive Council for Society for Physical Regulation in Biology and Medicine-January 2001-September 2002.
9. Chaired a session on Cycling Biomechanics at the National ACSM Meeting in St. Louis, MO, May 30, 2002.
10. Co-chaired a session at Southern Bioengineering Meeting-Washington, DC, September 28, 2002.
11. Serve on the Council of Healthcare Advisors as of January, 2002.
12. Chaired a session on sport biomechanics at Southeast American College of Sports Medicine-January 31, 2003.
13. Named to Professional Assessment Committee in the American Orthopaedic Society for Sports Medicine (AOSSM)-July 2004.

GRANTS

1. Examine the accuracy of a JUGS Radar Gun, a common assessment tool used in the field of physical education and health, Richard Godsen and I applied for an NCAA Grant in November, 1994 which was subsequently denied.
2. Extramural grant was for \$10,000 from the Carolina Children's Charity to assist with the establishment of a 3D motion analysis laboratory for children with neuromuscular disorders-June 1995.

3. \$1595 to Study the JUGS Radar Gun from College of Charleston Research & Development Committee-Spring, 1996.
4. \$1700 Summer research at Duke University (unfortunately I was unable to use the funding because I was notified late- summer, 1997).
5. Extramural grant from the Roper Foundation for \$19,400 to study female basketball and soccer players prospectively and retrospectively (Drs. **William R. Barfield**, James DeMarco, Keith Merrill, Angus McBryde, and John Graham-June 1997).
6. Extramural grant from the Bioengineering Alliance of SC for \$5000 to study Stress Fractures in Females-December 1997 (Drs. **William R. Barfield** & Angus M. McBryde).
7. Grant from the General Clinical Research Center (GCRC) at MUSC for Female Stress Fracture Study-part of a larger grant from National Institutes for Health (NIH)-funding over two years is equal to approximately \$10,000 (1998-2000).
8. Submitted a grant request (\$15,000) to study stress fractures in females to the American Orthopaedic Society for Sports Medicine August 15, 1998-subsequently rejected.
9. Submitted a grant request (\$210,000 over 3 years) to study stress fractures in females to the Whitaker Foundation October 1, 1998-subsequently rejected.
10. Submitted a \$15,000 grant request to CareAlliance Foundation to continue female stress fractures study-October, 1998-awarded May, 1999.
11. Submitting a grant with Dr. Donald Kirkendall from UNC-Chapel Hill Department of Orthopaedic Surgery to the US Olympic Committee, April 15, 1999, to examine biomechanical factors that contribute to soccer kicking skill among elite US female world cup soccer players-awarded June, 1999.
12. Submitting a grant (\$6,000) to BREG, Inc. to study effect of continuous cold treatment versus traditional ice in the treatment of postoperative pain-awarded June, 1999.
13. Submitted a grant request (\$15,000) to study stress fractures in females to the Orthopaedic Research and Education Foundation (OREF)- August 1, 1999-not funded.
14. Submitted a grant request (\$6696) with Dr. Shane Woolf to study eccentric mode weakness of the ankle evertor muscles following inversion injury to the Orthopaedic Research and Education Foundation (OREF)- August 1, 1999-not funded.
15. Submitted a \$5000 grant to Rx Textiles to examine microbial properties of cast stockings in fall, 2000-funded in spring, 2001.

16. Submitted an EPSCoR Grant with Dr. Martine LaBerge from Clemson University's Department of Bioengineering in March 2002.
17. Received with Kate Jackson a Summer Faculty-Student Research Grant from CofC to work on Gait Project-Summer 2003-\$5000.
18. Received a small grant from Committee on Undergraduate Research at College of Charleston (\$200) for Jennifer Fernandez to present bachelor research findings at the Southeast American College of Sports Medicine Annual Meeting-January 2004.

BACHELOR ESSAY COMMITTEES

1. Dawn Zmuda-Spring 1996-Evaluation of VB Player Movements
2. Judy Dotten-Spring 1997-Biomechanics of the Golf Swing
3. Heather Broome-Spring-Fall 2000-Measurement of Test Anxiety Among College Students
4. Jennifer Fernandez-Fall 2003-Spring 2004-ACL Injury Prevalence in Soccer and Basketball
5. Sara Rakov-Fall 2004-Spring 2005-Gait Analysis in College Students

ON-GOING RESEARCH ENDEAVORS

1. Effect of Different Bone Substitutes in a Rabbit Model with Drs. Leupold, An, and Hartsock.
- 3.. Polyethylene Use in TJA with Drs. Schutte and DeMarco
4. Mechanics of Traditional Golf Swing Compared with Trahan Technique with colleagues at UC-Sacramento.

PRESENTATIONS TO AREA ORGANIZATIONS

Presented a talk on Biomechanical Applications to Governor's School Students at College of Charleston-June 26, 2003 for Dr. Linda Jones

Career Day at the Academic Magnet High School in Charleston, February 26, 1998."Exercise Science and Biomechanical Applications".

Mt. Pleasant Rotary Club, April 22, 1997 regarding Gait Analysis and Applications in Sport.

Downtown Charleston Rotary Club, spring 1996 regarding Gait Analysis and Applications in Sport- with Dr. David Thompson.

I continue to serve as a soccer clinician at local and state levels for coach licensing and participate a few times/year in player development clinics.

INVITED LECTURES

MUSC Department of Orthopaedic Surgery-Basic Science-Statistics-August 18, 2004

MUSC Department of Orthopaedic Surgery-Grand Rounds-Clinical Gait Analysis-November 18, 2003

MUSC Department of Orthopaedic Surgery-Biomechanics-July 23, 2003

USC Department of Orthopaedic Surgery-Biomechanics-November 26, 2002

MUSC Department of Orthopaedic Surgery-Statistics and Research Design-August 21, 2002

USC Department of Orthopaedic Surgery-Kinesiology II-June 6, 2002

USC Department of Orthopaedic Surgery-Kinesiology I-May 2, 2002

USC Department of Orthopaedic Surgery-Discrete and Continuous Stats-March 28, 2002

USC Department of Orthopaedic Surgery-Stats Review-February 28, 2002

USC Department of Orthopaedic Surgery-IRB Interactions-January 31, 2002
USC Department of Orthopaedic Surgery-Fosamax-November 29, 2001
USC Department of Orthopaedic Surgery-Distracted Osteogenesis-October 25, 2001
MUSC Department of Orthopaedic Surgery-Biomechanics-September 19, 2001
USC Department of Orthopaedic Surgery-Basic Science-August 23, 2001
USC Department of Orthopaedic Surgery-Basic Science-June 28, 2001
MUSC Department of Orthopaedic Surgery-Basic Statistics-June 20, 2001
USC Department of Orthopaedic Surgery-Biomechanics II-May 24, 2001
USC Department of Orthopaedic Surgery-Biomechanics I-April 26, 2001
MUSC Department of Orthopaedic Surgery-Basic Science (Biomechanics)-April 18, 2001
USC Department of Orthopaedic Surgery-Developing a Research Project-March 22, 2001
USC Department of Orthopaedic Surgery-Stress Fractures-January 25, 2001
MUSC Department of Orthopaedic Surgery-Stats Review-November 15, 2000
USC Department of Orthopaedic Surgery-Basic Science-October 26, 2000
USC Department of Orthopaedic Surgery-Basic Science-September 28, 2000
USC Department of Orthopaedic Surgery-Basic Science-August 24, 2000
USC Department of Orthopaedic Surgery-Basic Science-June 22, 2000
USC Department of Orthopaedic Surgery-Basic Science-May 25, 2000
USC Department of Orthopaedic Surgery-Basic Science-April 27, 2000
MUSC Department of Orthopaedic Surgery-Biomechanics-March 23, 2000
USC Department of Orthopaedic Surgery-Basic Science-March 23, 2000
USC Department of Orthopaedic Surgery-Biomechanics of Kicking-February 17, 2000
USC Department of Orthopaedic Surgery-Basic Science-January 27, 2000
USC Department of Orthopaedic Surgery-Basic Science-December 16, 1999
USC Department of Orthopaedic Surgery-Basic Science-October 21, 1999
USC Department of Orthopaedic Surgery-Basic Science-September 30, 1999
USC Department of Orthopaedic Surgery-Basic Science-September 16, 1999
USC Department of Orthopaedic Surgery-Basic Science-August 26, 1999
USC Department of Orthopaedic Surgery-Stress Fractures-May 20, 1999
USC Department of Orthopaedic Surgery-Basic Science-April 22, 1999
USC Department of Orthopaedic Surgery-Basic Science-March 18, 1999
USC Department of Orthopaedic Surgery-Developing a Research Project-January 21, 1999
Clemson University Department of Bioengineering-February 18-19, 1998
Charleston Sports Symposium-July 21, 1996 "Improving Soccer Performance"
Cooper River Bridge Run Symposium-March 31, 1995 "Biomechanics of Running"

CONFERENCES ATTENDED (OTHER THAN THOSE LISTED ABOVE)

South Carolina Orthopaedic Association Meeting-August 2-5, 2001-Kiawah Island, SC
NC/SC Orthopaedic Meeting-Asheville, NC-October, 2000.
Bioengineering Alliance of South Carolina-August, 1996-Columbia, SC
American Society of Biomechanics-October, 1995 at Ohio State University
International Society of Electrophysiology & Kinesiology (ISEK)-July, 1994-Charleston, SC
(I wrote 2 summary articles from the meeting for the ISEK Newsletter. The papers were on:
(1) Major Challenges in EMG Analysis, and (2) Strengths and Weaknesses of Motion Analysis

Second World Congress on Science and Football, Eindhoven, Holland,
May 22-26, 1991.

USSF Staff Instructor Course, United States Olympic Training Center, Colorado Springs,
Colorado, May 1990.

FIFA School, Wake Forest University, North Carolina, May 1990.

USOC Biomechanics Coaches College, Colorado Springs, Colorado, December 1989.

AWARDS

December 12, 1994, I received the **Outstanding Doctoral Dissertation Award** from the
Lowcountry Chapter of Phi Delta Kappa.

Nominated for Distinguished Research Award-College of Charleston, April 2000 and April
2004

Named as ACSM Fellow in November, 2000.

Received the John A. Siegling Outstanding Teaching Award (Teacher of the Year) from the
MUSC Department of Orthopaedic Surgery-June 27, 2003

Named as member of the Orthopaedic Research Society in 2003

Named to South Carolina Governor's Council on Physical Fitness-October, 2004

Named to the American Orthopaedic Society for Sports Medicine Committee Assessment
Committee-September, 2004

GUEST LECTURER

I also have served as a **guest lecturer** in several classes within the department of physical
education and health including:

PEHD 201-September 29, 1994

PEHD 201-October 3, 1995

PEHD 201-April 12, 2001

PEHD 201-February 14 & September 3, 2002

PEHD 201-Fall 2003 and Spring 2004-Dr. Smail's classes

PEHD 201-Spring 2005 (February 21, 2005)

PEHD 201-Fall 2005

EFFORTS TO IMPROVE

Peripherally involved in a Prospective Concussion Study with Dr. Tom Terrell at USC School of
Medicine. Assisted with IRB approval and data collection on July 20 and August 11 at
College of Charleston with men's and women's soccer.

Attend Orthopaedic "Grand Rounds" and Specialty Conference (Pediatrics, Sports Medicine,
Hand, Spine, Shoulder & Elbow) each Tuesday morning from 6:30-8:00 a.m. at MUSC
Hospital and 2-3 other clinical and basic science orthopaedic weekly meetings, some of
which I direct.

Audited an "Upper Extremity" cadaver class at MUSC- January-March, 1998.

Embalmed and Fresh Frozen Cadaver dissections with residents and attendings monthly.

Attend and Assist each month with Bioskills Laboratory at MUSC where residents learn arthroscopic techniques. The lab is held the 3rd Tuesday evening from 5-8pm at Charleston Memorial Hospital OR#3

TEACHING AND COACHING EXPERIENCE

Head Soccer Coach, The Citadel, 1978-1993

Assistant Professor in Health and Physical Education, The Citadel, 1978-1993

Head Soccer Coach, Brevard College, 1976-1978

Physical Education Instructor, Brevard College, 1976-1978

Director of Student Activities and Assistant Intramural Director,
Brevard College, 1976-1978

Assistant Soccer Coach, University of North Carolina at Asheville,
Fall 1974 - June 1976

Elementary Physical Education Coordinator - Buncombe County Schools, August 1974 - June 1976.

Graduate Assistant in Health and Physical Education at Western Carolina University, September 1973 - June 1974

Graduate Assistant Coach in Soccer and Track at Western Carolina University, September 1973- June 1974.

United States Soccer Federation (USSF) National Staff Coach-1990-1992.

Men's South Team Soccer Coach at US Olympic Festival-Baton Rouge, La., July 1985.

updated October 10, 2005