



Welcome! New Doctoral Students: *Rebecca Haake* (CD), who began her career as a speech-language pathologist this year, took two weeks out of that venture to go to Maui with her family and in-laws. (Swimming with sea turtles is now her new favorite hobby.) And *Anne Olson* (CD) and family took their 1st whitewater rafting trip in North Carolina and are now hooked. We would also like to welcome *Donna Colaianni* (OT, from Tennessee) and *Lisa Thomas* (CD, from West Virginia).

We also welcome our **new post-bac students** taking courses this fall: *Barbara Pugh, Janice Carter, Kellie Ellis, & Myra Huffman.*

Time Frames for Qualifying Exam: Graduate faculty will soon receive an email from the Graduate School regarding the time to qualifying examination. Faculty will be asked to respond to these revised Proposals -We would recommend faculty look at these carefully and likely indicate strong support for longer & more flexible time frames as short proscribed time limits would be difficult for part-time students to achieve. We also would indicate that the Proposal to charge 2 credit hours continuously each regular semester after completing the qualifying examination is to everyone's advantage - it is a good thing! *Terry Malone.*

This coming Spring **Dr. Robinson**, our newly retired dean, will be teaching RHB 702- Rehabilitation Services in Health Care Systems. This should prove to be an excellent course in health administration issues as this is Dr. Robinson's area of expertise.

Spring '05 Courses: RHB 702, Rehab Services in Health Care Systems and Delivery, Thursdays 5-8pm; RHB 770, Professional Seminar, Pedagogy, Alternate Thursdays 3-5pm; RHB 770, Research, Alternate Thursdays 3-5pm.

Congratulations! to *Dr. Kathryn Polmanteer* who has been appointed Associate Dean in the College of Education at EKU and *Christine Myers*, recipient of the 2004 Floyd H. Wright Scholarship.

Presentations

Bolgia LA, Uhl TL, Mattacola CG, Malone TR, Mair S. The effect of a simulated knee effusion of quadriceps function: Implications for rehabilitation. Southeast Athletic Trainers Association Annual Meeting, March 2004

Cranfill T, Marshall R, & Wright HH. Treatment of social networks of persons with aphasia. Technical session, American Speech-Language-Hearing Association, Philadelphia, PA, November 2004

Cranfill T, Wright HH, & Marshall R. Psychosocial measures and aphasia. Poster, American Speech-Language-Hearing Association, Philadelphia, PA. November 2004

Cranfill T, Wright HH, & Newhoff M. The impact of increased attentional demands on sentence processing performance in aphasia. Clinical Aphasiology Conference, Park City, Utah, May 2004

DiMattia MA, Livengood AL, Uhl TL, Mattacola CG, Malone TR. Validating the single-leg squat test as a function test for hip abduction strength. Southeast Athletic Trainers Association Annual Meeting, March 2004

Downar SJ, Mattacola CG, Uhl TL, Malone TR. Isometric muscle force measurements obtained by hand-held dynamometry and strength relationships among athletes aged 14 to 25. Southeast Athletic Trainers Association Annual Meeting, March 2004

Dupas E, Tripp BL, Uhl TL, Mattacola CG, Malone TR. The effects of a 9-week strengthening program on scapular muscle strength. Southeast Athletic Trainers Association Annual Meeting, March 2004

Effgen SK & David KS. *Direct Access & PT for Children: Understanding IDEA.* Physical Therapy 2004: Annual Conference & Exposition of the American Physical Therapy Association, Chicago, IL. July 3, 2004

Effgen SK. Decoding Motor Control and Motor Learning Principles for Practice in Early Intervention. 2004 Infant-Toddler Institute, Owensboro, KY, August 20, 2004

Effgen SK. Hows and Whys of Tummy Time. 2004 Infant-Toddler Institute, Owensboro, KY, August 21, 2004

Kiesel K. Measurement of lumbar multifidus muscle contraction with ultrasound imaging. Oral presentation at The Fourth Pan-Pacific Conference on Rehabilitation: Art and Science of Enablement in Hong Kong, October 2004.

Kitzman PH. Alteration of synaptic influences on motoneurons in the spastic rat. The American Paraplegia Society, Las Vegas, NV, September 2004.

Kuschinsky N, **Uhl TL**, Sciascia A, Mair S, **Nitz AJ**, **Mattacola CG.** Muscle activity comparison of 4 common shoulder exercises in unstable and stable shoulders. Southeast Athletic Trainers Association Annual Meeting, March 2004

Lovelace S. Cultural discontinuity between home and school language: Implications for SLPs Arkansas Speech and Hearing Association Convention, October 22, 2004

Lovelace S. Learning of nontargeted print concepts in children with language disorders. American Speech-Language and Hearing Association Convention, November 19, 2004

Lovelace S & Kleinert J. Developmental disabilities: Needs and adequacy of service of children in foster care. American Speech-Language and Hearing Association Convention, November 19, 2004

Malone TR. Coordinator/presenter of a "Lower Extremity Overuse." 15 hour sequence of presentations at the APTA National Convention in Chicago

Marshall RC, Starch S, & **Cranfill TB.** Providing follow-up services to persons with mild traumatic brain injury. Clinical Aphasiology Conference, Park City, Utah, May 2004

Mattacola CG. Georgia Sports Medicine and Rehabilitation Services Annual Sports Medicine Seminar: "Conservative management of ankle instability" Tifton, Georgia, June 26, 2004

McGinn PA, **Mattacola CG**, Shapiro RL, **Malone TR**, Johnson, DL. Landing kinematics of collegiate women's basketball athletes correlate with isokinetic peak torque values. Southeast Athletic Trainers Association Annual Meeting, March 2004

Mulvihill CP, **Mattacola CG**, **Nitz AJ**, **Uhl TL.** Effect of orthotics on balance and the muscle activity of selected leg muscles during bilateral stance. Southeast Athletic Trainers Association Annual Meeting, March 2004

O'Brien S, **Teeters Myers C.** STEP-SI: Is this a new dance step? Kentucky Occupational Therapy Annual Conference, Elizabethtown, KY, September 10, 2004

Pearson CL, **Uhl TL**, Ingram C, Newsome S, **Mattacola CG**, **English RA.** Comparison of core strength and injuries in collegiate athletes. Southeast Athletic Trainers Association Annual Meeting, March 2004

Pierce D., Cunningham A., Marshall A. Creating programming for at-risk youth: A workshop for school-based practitioners.

American Occupational Therapy Association Conference: Minneapolis, MN, May 2004

Shasby S, **Schneck C**, **Teeters Myers C.** Second annual school-based practice forum. Kentucky Occupational Therapy Association, Elizabethtown, KY, September 10, 2004

Summers K, & **Pierce D.** Sleep as the neurophysiological base of occupations. A workshop presented at the American Occupational Therapy Association Conference, Minneapolis, MN, May 2004

Tindall L Elder abuse: The needs and roles of speech-language pathologists. American Speech Language Hearing Association Convention in November 2004.

Tripp BL, **Uhl TL**, Kibler B. Comparison of three-dimensional scapular kinematics in pathologic and non-pathologic subjects. 55th Annual Meeting & Clinical Symposia, June 15-19, 2004

Tymkew JA, Jacobs C, **Mattacola CG**, **Uhl TL**, **Malone TR.** Isokinetic and functional fatigue protocols have similar effects on balance. Southeast Athletic Trainers Association Annual Meeting, March 2004

White H, Augsburger S, Oeffinger, D, Bowman A, **Queen S.**, Edester B, Tylkowski C. Quantification of quadriceps spasticity with three-dimensional motion analysis. To be presented at American Academy for Cerebral Palsy and Developmental Medicine. 58th Annual Meeting, Los Angeles, CA, Sept 29-Oct 2, 2004

White H, Augsburger S, Oeffinger D, Bowman A, **Queen S**, Edester B, Tylkowski C. A pilot study to quantify hamstring spasticity using three-dimensional motion analysis. Presented at Cardinal Hill Hospital, as part of the Department of Physical Medicine and Rehabilitation's 16th Annual Research Day, June 17, 2004. Awarded "Best Poster"

White H Augsburger S, Oeffinger D, Bowman A, **Queen S**, Edester B, Tylkowski C. Using three-dimensional motion analysis to quantify quadriceps spasticity: A pilot study, Cardinal Hill Hospital, Department of Physical Medicine and Rehabilitation's 16th Annual Research Day, June 17, 2004. Awarded "Best Student Research" for this presentation and poster

Uhl T. "Rehabilitation considerations of the scapula" 55th National Athletic Trainers Association Annual Meeting & Clinical Symposia, June 15-19, 2004

Publications

Brindle TJ, **Uhl TL**, **Nitz AJ.**, Shapiro R. Joint position sense of loaded and unloaded active shoulder internal rotation movements. Journal of Athletic Training, 39:2, S-65, 2004

Brindle TJ., **Mattacola CG.**, McCrory JL. Electromyographic comparison between subjects ascending and descending stairs with and without anterior knee pain. Knee Surgery Sports Traumatology Arthroscopy. 11:244-251, 2003

Cranfill TB, Simmons-Mackie N, & Kearns KP. Preface to "Treatment of aphasia through family member training." Aphasiology. In press

DiMattia MA, Livengood AL, **Uhl TL, Mattacola CG, Malone TR.** Validating the single-leg squat test as a function test for hip abduction strength. *Journal of Athletic Training*, 39:2, S-117, 2004

Dolan MG., Mychaskiw AM., **Mattacola CG, Mendel FC.** Effects of cool water immersion and high voltage electrical stimulation for three continuous hours on edema formation in rats. *Journal of Athletic Training*, 38:325-329, 2004

Hosey RG, Quarles JD, Kriss VM, **Mattacola CG.** Spleen size in athletes - a comparison of BMI, gender, race, and past history of mononucleosis. *Medicine & Science in Sports & Exercise*, 36:5, S-312, 2004

Jacobs C, **Mattacola CG.** Eccentric hip strength and kinematic differences between the dominant and non-dominant legs of men and women during a hopping task. *Journal of Athletic Training*, 39:2, S-34, 2004

Kelly JJ, **Mattacola CG, Uhl TL, Johnson DL, Madaleno JA.** A study of the relationship between postural sway, navicular drop, and ankle strength in division I football players. *Journal of Athletic Training*, 39:2, S-39, 2004

Kiesel KB, Burton LS, Cook EG. Mobility Screening for the Core. *Athletic Therapy Today* 9 (5): 42-45

Lowes LP, Westcott SL, Palisano RJ, **Effgen, SK, & Orlin MN.** Muscle force and range of motion as determinants of standing balance in children with cerebral palsy. *Physical and Occupational Therapy in Pediatrics*, 24(1), 57-77, 2004

Malone TR, Nitz AJ, Queen SA, Kitzman PH, Nyland J, & Brosky T. Proprioception and neuromuscular control of the lower extremity. In: *Current Concepts in the Rehabilitation of the Knee*. Wilk, K. ed. (2004)

Marshall RC, Karow C, Morelli, C, Iden K, Dixon J, & Cranfill T. Effects of interaction strategy modeling on problem-solving by persons with traumatic brain injury. *Aphasiology*. In press

McGinn PA, **Mattacola CG, Shapiro, RL, Malone TR, Johnson, DL.** Landing kinematics of collegiate women's basketball athletes correlate with isokinetic peak torque values. *Journal of Athletic Training*, 39:2, S-31, 2004

Miller TL, Santiago MC, **Mattacola CG.** Influence of varied, controlled distances from the crank axis on peak physiological responses during arm crank ergometry. *Journal of Exercise Physiology Online* 7(3):61-67, 2004

Mulvihill CP, **Mattacola CG, Nitz AJ, Uhl TL.** Effect of orthotics on balance and the muscle activity of selected leg muscles during bilateral stance. *Journal of Athletic Training*, 39:2, S-39, 2004

Pierce DE. Maternal management of the home as an infant/toddler developmental space. In C. 290-299.)Royeen (Ed.), *Pediatric Issues in Occupational Therapy: A Compendium of Leading Scholarship*. Bethesda, MD: AOTA. Reprinted from 2000, *American Journal of Occupational Therapy*, 54, 2004

Pierce D. Desembaracando ocupacao e actividade. *Revista do Centro de Estudos de Terapia Ocupacional*, 8 (8), 13-26, 2004

Ramsi M, Swanik KA, Swanik CB, Straub S, **Mattacola CG.** Shoulder-rotator strength of high school swimmers over the course of a competitive season. *Journal of Sport Rehabilitation*. 13: 9-18, 2004

Rapport MJ & **Effgen SK.** Personnel issues in school-based physical therapy: A look at supply and demand, professional preparation, licensure and certification. *Journal of Special Education Leadership*, 17(1), 7-15, 2004

Starch S, **Marshall RC, Cranfill TB, & Karow C.** A program for providing follow-up services to persons with mild traumatic brain injury. Online at <http://www.speechpathology.com/articles>. (2004)

Tymkew JA, Jacobs C, **Mattacola CG, Uhl TL, Malone TR.** Isokinetic and functional fatigue protocols have similar effects on balance. *Journal of Athletic Training*, 39:2, S-114, 2004

Wright HH, Capilouto G, Silverman S, Cranfill T, & Davis J. Development and reliability of a quantitative measure of adults' narratives. Manuscript submitted for publication, 2004

Wright HH, Newhoff M., & Cranfill T. The impact of attentional demands on sentence processing performance in aphasia. Manuscript submitted for publication, 2004

Grants

Jacobs C, **Mattacola CG, Uhl TL.** Relationship of hip abductor strength and endurance to functional performance. \$2500.00, National Athletic Trainers Association Research and Education Foundation, University of Kentucky, Lexington, KY July, 2004

Jacobs C, **Mattacola CG, Uhl TL.** Relationship of hip abductor strength and endurance to functional performance. \$1,500.00, SouthEast Athletic Trainers Association Research and Education Foundation, University of Kentucky, Lexington, KY March, 2004

Marken D, & **Pierce D.** Strategies and challenges of custodial grandmothers raising grandchildren. University Research Committee, Eastern Kentucky University, \$5,000. 2004

Pierce DE. Providing Rural Interdisciplinary Services for Youth with Mental Health Needs (PRISYM). Health Resources and Services Administration, Bureau of Health Professions, Quentin Burdick, \$996,140. 2004

Polmanteer K. Zero-to-Three training grant on prevention of abuse and neglect for infants and toddlers, and the University Project Director for the First Steps grant.