



Rehabilitation Sciences Doctoral Program

University of Kentucky

Fall 2005



RHB Doctoral Program Welcomes Three New Faculty Members

Jane O'Regan Kleinert Ph.D., CCC-SLP

Dr. Kleinert received her B.A. from Bellarmine University, her M.S.P.A. from the University of Washington in Seattle, and her Ph.D. from our RHB Doctoral Program. She has many years of clinical and administrative experience in pediatric communication disorders and developmental disabilities and holds the Developmental Disabilities Certificate from UK's Interdisciplinary Human Development Institute. She has provided extensive continuing education in the areas of early intervention and severe disabilities for the Commonwealth of Kentucky. Her research interests include the relationship between communication and the development of self-determination skills with individuals with significant disabilities. Jane and her husband Harold have three children (two who attend UK!) and have lived in Lexington since 1980.



Joseph C. Stemple Ph.D., CCC-SLP, ASHAF

Dr. Stemple received his Ph.D. in Communication Sciences and Disorders from the University of Cincinnati in 1977 and in 1983 developed the Blaine Block Institute for Voice Analysis and Rehabilitation located in Dayton and Cincinnati, Ohio. The Institute was one of the first "voice centers" in the country to provide instrumental analysis of vocal function including acoustic and aerodynamic analysis and laryngeal videostroboscopy. He is the author of the texts *Voice Therapy: Clinical Studies* (2nd ed) and *Clinical Voice Pathology: Theory and Management* (3rd ed) (Delmar Publishing, 2000) as well as research articles and text chapters related to clinical voice disorders. Dr. Stemple's research interests include studying laryngeal, respiratory, and resonance compensations in the presence of laryngeal pathology, the efficacy of voice therapy, and determining whether the singing voice can be enhanced through direct physical exercise for the vocal fold musculature. He is married to Terri and they have two 17-year-old high school seniors. His hobbies are keeping up with the boys as well as snow and water skiing.

Kathleen M. Youse Ph.D. CCC-SLP

Dr. Youse received her B.A. from Rutgers University, her M.A. from Oklahoma State University, and her Ph.D. from the University of Connecticut. She has numerous years of clinical experience as a Speech-Language Pathologist treating individuals with acquired brain injury (ABI) in the acute stages of rehabilitation. Dr. Youse's research investigates the impact of cognitive deficits, in particular deficits of attention and working memory, on communication in individuals with ABI. Her most recent research endeavors examine the validity of treating attentional deficits as a means for improving proficiency of conversational discourse in this population. Dr. Youse grew-up in Cherry Hill, New Jersey where her family still resides.



Bravo! Bravo!

Kellie C. Ellis, a program student, was recently appointed to the Kentucky State Licensure Board in Speech-Language Pathology and Audiology.

Scott Shaffer, PT, OCS, ECS, a program student, won the outstanding graduate student research presentation award at the 17th annual Physical Medicine and Rehabilitation Research Day at Cardinal Hill Rehabilitation Hospital. The titles of his presentations were: 1) The Utilization of Multidirectional Body Weight Support Treadmill Training for Older Adults with Peripheral Nerve Disease: A Single-Subject Design and 2) Reliability and Diagnostic Accuracy of Self Report, History, and Clinical Examination Items for the Diagnosis of Polyneuropathy in Adults With and Without a History of Falls.

Barb Pugh has been promoted within the KY Office of Vocational Rehabilitation to assistant director of the Carl D. Perkins Comprehensive Rehabilitation Center.

Dr. Gilson Capilouto recently received the Award for Continuing Education, American Speech-Language-Hearing Association

Dr. Tony English was named Outstanding Physical Therapist in Kentucky by the Kentucky Physical Therapy Association at the May Spring conference. He also has two publications currently under review

Dr. Onda Bennett will be presenting "The Courage to Teach: Describing the Dance" at the 2005 Lilly Conference on College Teaching.

Anne Olson, a faculty member in the UK Communication Disorders Division and doctoral student, received the 2005 Kentucky Speech-Language-Hearing Association (KSHA) Honors of the Association at the KSHA Awards Luncheon held in March, 2005. This is the highest award provided by the Association. To receive Honors, an individual must be a member of KSHA who has demonstrated *distinguished* educational, professional, and/or administrative activity or outstanding service to KSHA. Anne was nominated for and received the award because of her outstanding service on behalf of individuals with hearing impairment in the Lexington region.



Lynn Tindall, a program doctoral student, received the 2005 Clinical Achievement Award at the Kentucky Speech-Language-Hearing Association (KSHA) Awards Luncheon held in March, 2005. The Clinical Achievement Award is presented to a speech-language pathologist or audiologist in Kentucky for a significant recent accomplishment or contribution to the advancement of knowledge in clinical practice. It is co-sponsored by the Kentucky Speech-Language-Hearing Association and the American Speech-Language-Hearing Foundation. The recipient is selected by the KSHA Executive Council upon recommendation of the KSHA Honors Committee. Kentucky's recipient receives a certificate from ASHF and becomes the state's nominee for the ASHA national DiCarlo Award along with the other participating states' nominees.

Grants

National Athletic Trainers Association Research and Education Foundation

Osternig Master's Grant

Project: Gender, Structure, and Activity: Variables Affecting Knee Kinematics

Investigators: PI's: Fazio M, Sherbert J, Mattacola CG, Ukh TL, Jacobs C, Shapiro R

Status: funded Amount: \$1000

Project: Effects of Foot Orthotics on Dynamic Postural Control Tasks in Subjects with Chronic Ankle Instabilities

Investigators: Sesma A, Mattacola CG, Livengood A, Uhl TL, Schollosser T

Status: funded Amount: \$1000

Children's Miracle Network

Project: Effect of Intensive Physical Therapy on the Acquisition of New Gross Motor Skills in Children with Disabilities.

Investigator: S. Effgen

Status: funded Amount: \$10,000

Project: Effects of Therapeutic Riding on Vocal Fold Spasticity in Children with Cerebral Palsy

Investigator: R. Marshall

Status: funded Amount: \$10,000

Presentations



Capilouto GJ. Invited Workshop. Understanding Language Options in the Selection of Communication Technologies. Miami Valley Association of Speech-Language Pathologists. Miami, Ohio. May, 2005.

Uhl T. Rehabilitation Considerations of the Scapula. Visiting Professor, Ohio State University, Columbus, OH. May, 2005.

Uhl T. Scapular Dyskinesia-Evaluation and Strengthening Techniques. 7th Annual University of Kentucky Sports Medicine Symposium, Lexington, KY. May, 2005.

Capilouto GJ, Wright HH, Wagovich S. Reliability of main event measurement in the discourse of individuals with aphasia. Clinical Aphasiology Conference, Captiva, FL. June, 2005.

McBride J, Marshall RC, Capilouto GJ. Effects of strategy scripting on problem-solving of persons with Alzheimer's disease. Clinical Aphasiology Conference, Captiva, FL. June, 2005.

Uhl T. Manual Therapies of the Shoulder Joint, Techniques to Enhance Dynamic Stabilization. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Bolgl LA, Uhl T. Electromyographic analysis of hip rehabilitation exercises. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Tripp BL, Uhl T, Mattacola CG, Srinivasan S, Shapiro R. Functional multijoint position reproduction acuity in overhead-throwing athletes. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Stanley OS, Jacobs C, Mattacola CG, Uhl T, Honson DL. Hip abduction and adduction strength of injured and healthy collegiate football athletes. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Boling MC, Bolgl LA, Mattacola CG, Uhl T, Hosey RG. Rehabilitation alters VL and VMO recruitment, decreases pain, and increases function in patients with patellofemoral pain syndrome. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Jacobs C, Mattacola CG, Uhl T, Shapiro R, Rayens WS. Relationship of hip abductor strength and endurance with the kinematics of landing. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Downar SJ, Mattacola CG, Uhl T, Malone TR. Isometric muscle force measurements obtained by hand-held dynamometry and strength relationships among athletes aged 13 to 22. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Lanning CL, Uhl T, Ingram C, Newsom S, Mattacola CG, English T. Comparison of core strength and injuries in college athletes. 56th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Indianapolis, IN. June, 2005

Shaffer S, Harrison AL. The Utilization of Multidirectional Body Weight Support Treadmill Training for Older Adults with Peripheral Nerve Disease: A Single-Subject Design UK Department of Physical Medicine and Rehabilitation 17th Annual Research Day, Cardinal Hill Hospital, June, 2005.

Davis JE, Wright HH, & Page JL. Using semantic features analysis to treat discourse in context in aphasia (NIDCD Travel Fellow Poster). Clinical Aphasiology Conference. Sanibel Island, FL. June, 2005

Uhl T, Rehabilitation Considerations of the Scapula. Arizona Athletic Trainers Association, Flagstaff, AZ. July, 2005.

Uhl T, Rehabilitation Management of the Complicated Shoulder. Arizona Athletic Trainers Association, Flagstaff, AZ. July, 2005.

Uhl T, Rehabilitation progressions following surgical repair of the shoulder. Arizona Athletic Trainers Association, Flagstaff, AZ. July, 2005.

Effgen SK, Occurrence of gross motor behaviors in US preschools and conductive education preschools in Hong Kong. III STEP Conference: Linking Movement Science and Intervention. Salt Lake City, UT. July, 2005

Tripp BL, Uhl T, Mattacola CG, Srinivasan S, Shapiro R. Function Fatigue Decrease Three-Dimensional Multijoint Position Reproduction in Overhead Athletes. XXth International Society of Biomechanics and 29th American Society of Biomechanics meetings, Cleveland, OH. August, 2005.

Polmanteer K, Purcell M. How do we know it's transdisciplinary? Kentucky Infant-Toddler Conference, Lexington, KY. August, 2005.

Polmanteer K, Mehler T, Belanger S, Zehr L. Challenging behaviors in young children. Kentucky Infant-Toddler Conference, Lexington, KY. August 2005.

Publications



Youse KM, Coelho CA, Mozeiko JL, & Feinn R(2005). Discourse characteristics of closed-head injured and non-brain injured adults misclassified by discriminant function analyses. *Aphasiology*, 19, 297-313.

Harrison AL, English ML(2005). Developing an exercise program for older adults with diverse cognitive abilities, *The Activities Director Quarterly for Alzheimer's and Other Dementia Patients*, 6 (2), Spring, 35-48.

Capilouto GJ, Higginbotham J, McClenaghan B, Williams H, Dickerson J. (2005). Performance investigation of a head-operated device and expanded membrane cursor keys in a target acquisition task. *Technology and Disability*, 17, 1-11.

Wright HH, Capilouto GJ, Wagovich S, Cranfill T, & Davis J (2005). Development and reliability of a quantitative measure of adults' narratives. *Aphasiology*, 19, 263-273.

Bolgl LA, Uhl TL. (2005) Electromyographical Analysis of Hip Rehabilitation Exercises in a Group of Healthy Subjects. *Journal of Orthopaedics and Sports Physical Therapy* 35(8):487-494.

DiMattia MA, Livengood LA, Uhl TL, Mattacola CG, Malone, TR. (2005) What are the validity of the single-leg squat test and its relationship to heip abduction strength. *Journal of Sport Rehabilitation* 13 (2):108-123.

Stanley OS, Jacobs C, Mattacola CG, Uhl TL, Johnson DL. (2005). Hip abduction and adduction strength of injured and healthy collegiate football athletes. *Journal of Athletic Training* 40(2):S73.

Boling MC, Bolgl LA, Mattacola CG, Uhl TL, Josey RG (2005). Rehabilitation alters VL and VMO recruitment, decreases pain, and increases function in patients with patellofemoral pain syndrome. *Journal of Athletic Training* 40(2):S43.

Jacobs C, Mattacola, CG, Uhl TL, Shapiro R, Rayens WS (2005). Relationship of hip abductor strengths and endurance with the kinematics of landing. *Journal of Athletic Training* 40(2):S65-66.

Downar SJ, Mattacola CG, Uhl TL, Malone TR (2005). Isometric muscle force measurements obtained by hand-held dynamometry and strength relationships among athletes aged 13 to 22. *Journal of Athletic Training* 40(2):S65.

Lanning CL, Uhl TL, Ingram C, Newsom S, Mattacola CG, English T. (2005). Comparison of core strength and injuries in college athletes. *Journal of Athletic Training* 40(2):S65.

Montgomery P and Effgen SK (2005). Developing postural reactions. In B. Connelly, & P. Montgomery (Eds), *Therapeutic exercise in developmental disabilities* (3rd ed.) (pp. 226-260), Thorofare, NJ: Slack Incorp.

Bolgl LA, Uhl TL (2005). Electromyographic analysis of hip rehabilitation exercises. *Journal of Athletic Training* 40(2):S67.

Tripp BL, Uhl TL, Mattacola CG, Srinivasan S, Shapiro R. (2005). Functional multijoint position reproduction acuity in overhead-throwing athletes. *Journal of Athletic Training* 40(2):S91.

Mattacola CG, Mulvihill CP, Nitz AJ, Uhl TL, (2005). Muscular Contributions of the Anterior and Posterior Tibialis, Gastrocnemius, and Fibularis Longus with and without Orthotics during Bilateral Stance. *Journal of Orthopaedics and Sports Physical Therapy* 35(5):A26.

Stiller J, Uhl TL. (2005) Outcome Measurements of Upper Extremity Function. *Athletic Therapy Today*. 10(3):34-36.

IMPORTANT DATES

- September 5 - Monday - Labor Day - Academic Holiday
- September 22 - Thursday - Last day for filing an application for a December degree in college dean's office
- October 6 - Thursday - Last day for doctoral candidates for a December degree to submit a Notification of Intent to schedule a final examination in The Graduate School
- October 7 - Friday - Fall Break - Academic Holiday

October 31-November 23 - Monday through Wednesday - Priority registration for the 2006 Spring Semester

- November 24-26 Thursday through Saturday - Thanksgiving - Academic Holidays
- December 1 - Thursday - Last day for candidates for a December graduate degree to sit for a final examination
- December 16 - Friday - Last day for candidates for a December degree to submit a thesis/dissertation to The Graduate School
- December 16 - Friday - End of 2005 Fall Semester

