



Spring 2008

DEPARTMENT OF REHABILITATION
SCIENCES
COLLEGE OF HEALTH SCIENCES

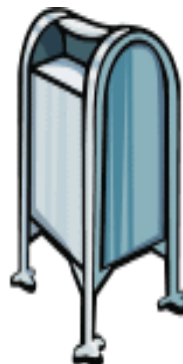
Happy Spring! It has been a year of growth and change for the Rehabilitation Sciences doctoral program at the University of Kentucky! As most of you know, we have had a changing of the guard as Dr. Susan Effgen has stepped down as Program Director and handed the reins to Dr. Carl Mattacola. We thank her for the tremendous job she has done leading the RHB PhD Program. Things have been busy for Dr. Mattacola in his first year as he, along with the faculty, have begun to implement some major curriculum changes to the program. Instead of the specialization tracks, each of the four disciplines (AT, PT, CSD, OT) have identified areas of specialization in which students can study. Along with this, students will see a number of course changes in the program curriculum. Thank you

to all the students who provided feedback as to ways to continue improving our program.

If you have not visited in awhile, please check out our website! <http://www.mc.uky.edu/rehabsciences/index.html>

It has been updated to highlight the upcoming changes to the curriculum. Also, for students, we have added a page with links to all the important forms you will need during your time in the program. Alumni you will notice that we have included links to your dissertations. As always, feel free to contact Dr. Mattacola with any questions or suggestions, or updates about you or your family.

We hope you have a great year!



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STAY IN TOUCH!!!

As the number of graduates from the Rehabilitation Sciences Doctoral Program at UK continues to grow, it is becoming increasingly difficult to keep tabs on our alumni. Please help us to stay in touch!! Please send correspondence to:

Nancy Kelley

Staff Support Associate I

Rehabilitation Sciences Program

900 S. Limestone Room 210

Charles T. Wethington, Jr. Building

Lexington, Kentucky 40536-0200

(859) 323-1100 Extension 8-0497

Welcome New Students

Athletic Training

Jennifer Howard

Eric Frederick

Communication Sciences & Disorders

Leslie Ann Chiaventone

Laura Lee Cronin

Anysia Ensslen

Ashwini Joshi

Jo Shackelford

Occupational Therapy

Twillia Parr

Kathleen Yancosek

Physical Therapy

Mary Fisher

David Stepner

Welcome to the Next Generation!

Janice Carter-Smith welcomed a baby boy, Joshua Smith, on May 24, 2007

Thomas Palmer and family welcomed a baby boy (FINALLY!!!), Andrew Thomas Palmer on December 7, 2007

Claire & Tim Davies welcomed triplets into their lives Hannah, Daniel and Joseph are all doing well.

Farewell

Thomas C. Robinson PhD of the Department of Clinical Sciences Health Education and Research retired on December 5, 2007. We wish him well with his future endeavors.

Welcome our New Faculty Members

Athletic Training

Timothy Butterfield comes to us from a post-doctoral appointment at The Ohio State University. Dr. Butterfield's research focuses on the plasticity of skeletal muscle.

Patrick McKeon PhD ATC comes to us after receiving his doctorate from the University of Virginia. Dr. McKeon's research focuses on sensorimotor alterations with lower extremity joint injury, specifically ankle instability.

Jennifer Medina McKeon PhD ATC CSCS comes to us after completing a post-doctoral research position at the University of North Carolina at Chapel Hill. Dr. McKeon's research focuses on the management strategies and comorbidities of post-traumatic osteoarthritis of the knee.

Physical Therapy

Esther Dupont-Versteegden PhD comes to us after serving as Assistant Professor of Geriatrics at the University of Arkansas. Dr. Dupont-Versteegden's research focuses on investigating the underlying cellular mechanisms of skeletal muscle atrophy in general and sarcopenia in particular.

Associate Dean of Research

Charlotte Peterson PhD comes to us after serving as the Director of Genomics Facility and Professor of Geriatrics at the University of Arkansas. Dr. Peterson's research focuses on elucidation of cellular and molecular mechanisms controlling skeletal muscle structure and function.

Congratulations to our 2007 Grads!



Sharon Hart, PhD: *The effectiveness of using communication-centered intervention to facilitate phonological learning in young children*

Scott Shafer, PhD: *The impact of diabetes and peripheral neuropathy on fall risk and function in adults*

Alyssa LaForme Fiss, PhD: *Effect of increased practice time using sensorimotor groups on gross motor skill acquisition for children with Down syndrome*

Christine Teeters Myers, PhD: *Investigating the role of therapy providers in early childhood transitions: participation, practices, and predictors of involvement*

Kyle Kiesel, PhD: *A comparison of select trunk muscle thickness change between subjects with low back pain classified in the treatment-based classification system and asymptomatic controls*

Lyn Tindall, PhD: *Videophone delivered voice therapy: Comparing outcomes to traditional delivery for adults with Parkinson's Disease*

Hank White, PhD: *Validity of pendulum test to measure quadriceps spasticity in children*

Please help us congratulate the outstanding work of our faculty

Photo Gallery

Gilson Capilouto PhD, CCC-SLP was awarded R01 funding for her grant Discourse Processing in Healthy Aging. She is collaborating with a former faculty member from Communication Sciences & Disorders, Dr. Heather Wright, who is now at Arizona State.



The Davies' Family: Claire, Hannah (in yellow), Daniel (in white), Joseph (in white) and Tim

Janice Kuperstein, PhD PT was named the 2007 Outstanding Physical Therapist from the Kentucky Physical Therapy Association

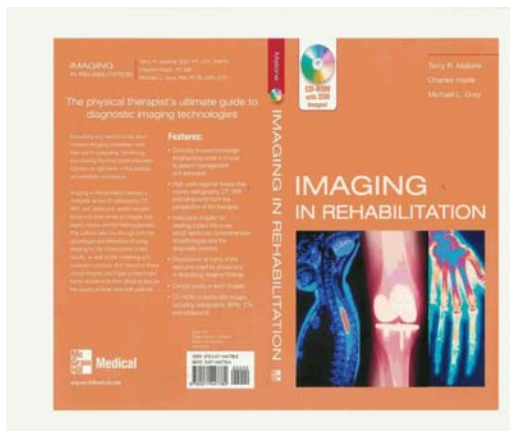
Dana Howell, PhD, OTD, OTR/L and co-author **Kimberly K. Cleary, PT, PhD** were recipients of the 2007 J. Warren Perry Distinguished Author Award for their article, Using the SF-36 to Determine Perceived Health Related Quality of Life in Rural Idaho Seniors. Dr. Howell is an Associate Professor of Occupational Therapy at Eastern Kentucky University.



Somaya Malkawi, Julie Baltisberger, Karen Adler, Twilla Parr at SSO: USA Sixth Annual Research Conference

Jane Kleinert PhD of the Division of Communication Sciences and Disorders who has been notified that she has been appointed to Full Graduate Faculty status.

Terry Malone EDD, PT, ATC and **Chuck Hazle PT, MS** for the publication of their recent textbook entitled 'Imaging in Rehabilitation'.



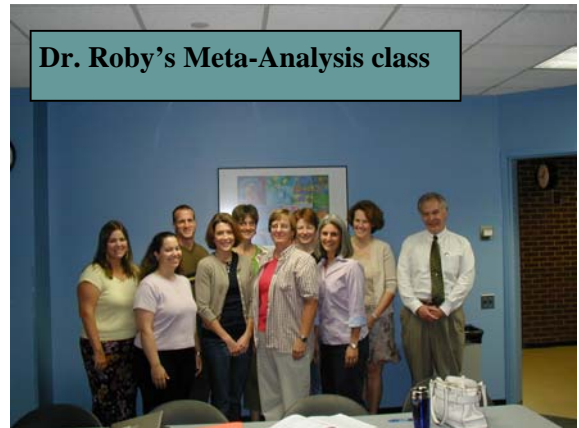
Samantha Boudreau (graduate Athletic Training student), Maureen Dwyer, Carl Mattacola, and Tim Butterfield at the 2008 SEATA Meeting



Andrew Thomas Palmer (son of Thomas Palmer)



Dana Howell and Kim Cleary receiving their award



Dr. Roby's Meta-Analysis class



BUILDING SCHOLARSHIP

An interview with Dr. Doris Pierce



Doris Pierce, endowed chair of occupational therapy, is the focus of this year's newsletter feature interview with one of our faculty members. This section is intended to allow students to get to know a faculty member they may not interact with on a daily basis. The interview comes from an excerpt of an interview printed in EKUpdate in October 2007. Dr. Pierce joined the EKU faculty in 2000 and will facilitate the University's new GEAR Scholars' Community. She holds doctor of philosophy and master's degrees in occupational science from the University of Southern California and a bachelor's degree in occupational therapy from Ohio State University.

What is the GEAR Scholars Program?

The GEAR Scholars' Community is an annual grouping of competitively-selected pre-tenured faculty, who are provided with a series of seminars in the fall semester and a three-credit course release in the spring semester to support their scholarship.

What is your role with the program?

I could probably be called the lead facilitator. I have great passion for seeing new faculty develop as scholars. It is very much like doing occupational therapy, helping people make their goals and dreams real despite challenges. Of course, the dreams and challenges of scholars are quite different and often much harder!

How did you become involved with the program?

Before coming to EKU, I had done some research on how scholars experience their work. It fascinates me. Understanding scholars makes me a better scholar too. Working to support faculty scholarship here in the OT Department, I tried all kinds of things and the faculty was so supportive. We learned a lot together about what worked best for us. Being a productive scholar in a University whose primary mission is teaching requires sharp insight into your own work patterns and honed skills, or you may find that, within your own career, the primary teaching mission has overtaken the scholarship mission.

In 2005, I asked Charlie Sweet and Hal Blythe of the Teaching Learning Center if I could offer workshops for an inter-disciplinary group of scholars at EKU. We had a lot of new faculty being hired after the first three years of the Transition to Retirement Program, and it was clear that expectations for scholarship were increasing in comprehensive universities all across the U.S. New EKU faculty would really need to be productive scholars, and I thought maybe I could help. Hal and Charlie got Jerry Pogatshnik, the (then new) Dean of Graduate Education and Research, involved. I was proposing a series of seminars and Dr. Pogatshnik completely surprised me by offering to fund a three-credit spring course release for all of the selected scholars. You could have knocked me over with a feather!

So now we have this great team of Dr. Pogatshnik, Hal Blythe, Charlie Sweet and myself. We ran our first Graduate Education and Research (GEAR) Scholars' Community in 2006-07, and

this year we are having our second cohort.

How are faculty members chosen for the program?

The Scholars are competitively selected across colleges according to their potential for scholarship and their year in the pre-tenure track. The seminars are in the fall, in two groups to allow for teaching schedules, and then in spring they focus on planned scholarly projects and present them in April.

How does the program enhance participants' scholarship?

We discuss so many topics in relation to scholarship: motivations, types, different skills and development across the career, social supports, workspaces, protecting and managing scholarship time, grants and human subjects review, writing and publishing, promotion and tenure, making strategic choices. They all do one-year and three-year scholarship planning. The inter-disciplinary exchange and support is just incredible. There will be a mathematician, a novelist, an educational counselor, and an agricultural scientist all sharing their perspectives, and even though they are doing very different things, but they share such similar challenges.

Why are programs such as this important to EKU?

Well, we are academics. Scholarship is not EKU's primary mission, but it is one of the three, and so we take it seriously. Yes, it

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must be balanced within three missions, and that is tricky, but scholarship must also be well done. It is one of the very important ways that any academic institution makes its contribution to society, by generating knowledge and helping to solve problems. Scholarship makes us better teachers too. And maybe most important, we want our faculty at EKU to be successful and satisfied with their academic careers. We want them to build with us.

HOT OFF THE PRESSES: 2008 Updates

Congrats to our 2008 Grads

Tony English PhD: *Clinical functional testing in people 30-60 years old: Expected performance values and correlations to muscle fitness and activity level*

Lisa Thomas PhD: *Effect of dystrophin deficiency on selected intrinsic laryngeal muscle of the mdx mouse*

Janice Kuperstein PhD: *Tikkun Olam: A Faith-Based Approach for Assisting Older Adults in Health System Navigation.*

Student Accomplishments

Katie Yancosek, Dana Howell, David Mullineaux: Clinical and Translation Sciences Scholars Program Grant Recipient: "Development and Reliability of Apparatus

to Measure Writing Ability in the Non-dominant Hand"

- **Jennifer Howard:** Clinical Research Coordinator: Cartilage Center - Phase II Clinical Trial: "Cartilage Autologous Implantation System". This is a novel technique that allows for a cartilage surface repair of larger focal chondral lesions in a one-step procedure, therefore not requiring a biopsy or a second operative procedure. The Cartilage Center is one of 40 sites to be selected to participate in this clinical trial.

RHB Faculty & Student Presentations

- **Fish, L. & Capilouto, G.J.,** Clinical Research Conference in AAC, Lexington, KY- AAC users' language representation methods in narrative discourse tasks, 2007.
- **Capilouto, G.J., Hill, K. & Loncke, F.,** Rehabilitation and Assistive Technology Society of North America, International Conference, Phoenix, AZ- AAC Clinical Research: Using single subject research and case studies evidence, 2007.
- **Capilouto, G.J. & Wright, H.H.,** Clinical Aphasiology Conference, Scottsdale, Arizona- Training information components to improve narrative discourse performance, 2007.
- **Wright, H.H., Capilouto, G.J., Himmell, S. & Czeykl, L.,** Clinical Aphasiology Conference, Scottsdale, Arizona- Linguistic performance across different narrative types, 2007.
- **White, H., Tylkowski, C., Augsburger, S., Capilouto, G. & Uhl, T.,** American Academy for Cerebral Palsy and Developmental Medicine, Vancouver, British Columbia, Canada- Using the pendulum test to identify the stiff-knee gait pattern of children diagnosed with cerebral palsy, 2007.
- **Shaffer SW, Harrison AL,** English ML, Brennan K, Brown K, Lefever, C., World Congress of Physical Therapy, Vancouver- The reliability and validity of lower extremity sensory testing in older community-dwelling adults, June 2007.
- **Harrison, AL,** Weinstein, M. Johnson, K., Association of Schools of Allied Health Professions (ASAHP) Annual Conference, San Diego- Advancing the degree status of allied health faculty: An examination of strategies and outcomes, October 2007.
- **Harrison, AL; English, RA.** APTA Annual Conference and Exposition, Denver, Colorado- Multimedia presentation: Special tests for physical therapists, June 2007.
- **Shaffer, S; Nitz, AJ; Harrison AL.** APTA Combined Sections, Boston- Aging of the Peripheral Nervous System, Feb. 2007.
- **Kaufman, K, English, RA, Shaffer, S, Withrow, E, Harrison, AL.,** APTA Combined Sections Meeting, Boston, MA- Muscle strength in community dwelling older adults assessed with hand-held dynamometry: An interrater and intrarater reliability study, Feb 2007.
- **Williams, NQ; Wooten, C., Harrison, AL.,** APTA Combined Sections Meeting, Boston, MA- Knowledge base of home health professionals regarding the topic of elder mistreatment, Feb 2007.
- **Harrison, AL.,** AHEC Cultural Competence Conference- Panel of Elders: Perspectives on Aging and Health Care, August 2007.
- **Howell, D. M.,** Collaborating Across Borders: An American- Canadian Dialogue on Interprofessional Health Education Minneapolis, MN- Paper: Occupational therapy students in the process of interdisciplinary collaborative learning: A grounded theory study, October 2007.
- **Marshall, R. C.,** College of Health Sciences and Human Services, California State University, Fresno, Fresno, CA- Overcoming the barriers of aphasia: Strategies for the health care professional, February 2007.
- **Marshall, R. C.,** Nashville Aphasia Group, Nashville, TN- Management of Wernicke's Aphasia: A Context-Based Approach, March 2007.

RHB Faculty & Student Presentations Continued

- **Howell, D. M.**, Kentucky Occupational Therapy Association Annual conference, Somerset, KY-Encore Poster: Occupational therapy students in the process of interdisciplinary collaborative learning: A grounded theory study, September 2007.
- **Howell, D. M.**, Thinking Qualitatively Annual Workshop, Edmonton, Alberta, Canada-Poster: Occupational therapy students in the process of interdisciplinary collaborative learning: A grounded theory study, July 2007.
- **Kitzman P., Uhl T., Dwyer M.**, American Physical Therapy Association Combined Sections Meetings, Boston, MA-Thematic Poster: Gabapentin suppresses spinal cord injury induced spasticity in the rat, February 2007
- **Marshall, R. C.**, Karow, C. M., McGurk, S. I., & Kairy, T., International Neuropsychological Society, Portland, OR-Poster: Problem solving by subjects with and without diffuse neurologic damage on the Rapid Assessment of Problem Solving Test, 2007.
- **Marshall, R. C.**, Kentucky Speech-Language-Hearing Association, Lexington, KY- Assessment and treatment of executive functioning in adults with neurogenic communication disorders, 2007.
- **Marshall, R. C.**, Craig, H. K., Pierson, J. M., Block, M., ASHA, Boston, MA- A model for intensive treatment of chronic aphasia, 2007.
- **Marshall, R. C.**, College of Health Sciences and Human Services, California State University, Fresno, Fresno, CA- Overcoming the barriers of aphasia: Strategies for the health care professional, February 2007.
- **Marshall, R. C.**, Nashville Aphasia Group, Nashville, TN- Management of Wernicke's Aphasia: A Context-Based Approach, March 2007.
- **Marshall, R. C.**, University of Michigan Aphasia Program, Ann Arbor, MI- Buying in to aphasia research at the UMAP, June 2007.
- **Marshall, R. C.**, 4th Annual Aphasia Camp, New Auburn, WI- The Courage to be Competent: Patients and families living with aphasia, September 2007.
- **Nitz, A. J.**, APTA, CSM – Boston, MA- Clinical and Electrophysiologic Effects of Aging on Neurologic Function: Spinal Stenosis, February 2007.
- **Nitz, A.J.**, 18th Annual EBNMG Symposium, Provo, UT- Effects of Aging on Peripheral Neuromuscular System Function and Electrophysiologic Testing, April 2007.
- **Stemple J** and **Thomas L.**, Invited web seminar sponsored by Speech Pathology.com- Voice Therapy orientations: Putting evidence into practice, November 2007.
- **Tindall, L., Stemple J,** Wright, H, **Kleinert H, Deem J.**, American Speech-Language-Hearing Association convention- Referred Technical Paper: Videophone Delivered Speech Therapy: Comparing Outcomes to Traditional Delivery for Adults with Parkinson's Disease, November 2007.
- Roy N, **Stemple J,** Merrill R, **Thomas L.**, American Speech-Language-Hearing Association convention-Refereed Poster: Epidemiology of dysphagia in the elderly: Preliminary findings, November 2007.
- **Thomas L** and **Stemple J,** American Speech-Language-Hearing Association convention- Refereed Seminar: The Aging Voice: From Clinical Symptoms to Biological Realities, November 2007.
- **Stemple J** and **Thomas L,** American Speech-Language-Hearing Association convention-Refereed Short Course: Voice Therapy: Following the Evidence Trail, November 2007.
- **Thomas L** and **Stemple,** Pacific Voice Conference, Los Angeles, CA- The Five Domains of Voice Assessment: Psychometric Properties, Clinical and Research Implications, October 2007.
- **Stemple J,** The James Case Memorial Lecture, Arizona State University, Department of Communication Science, Tempe, AZ- Physiologic Voice Therapy, October 2007.
- **Stemple J,** University of Kentucky 24th Annual Summer Series on Aging. Lexington, KY- When the Voice Ages, June 2007.
- **Thomas L** and **Stemple J,** Voice Foundation's Care of the Professional Voice Symposium, Philadelphia, PA- Laryngeal Muscles are spared in the *mdx* mouse model of duchenne muscular dystrophy, June 2007.
- **Stemple J.**, Ohio Voice Association, Cincinnati, OH- The development and importance of translational research teams in the study of voice, May 2007.
- **Stemple J.**, Ohio Voice Association, Cincinnati, OH- Epidemiology of Voice Disorders in the Elderly Population, May 2007.
- **Marshall, R. C.**, 4th Annual Aphasia Camp, New Auburn, WI- The Courage to be Competent: Patients and families living with aphasia, September 2007.

RHB Faculty & Student

Presentations Continued

- **Stemple J**, New Jersey Speech Language Hearing Association, Atlantic City, NJ- Principles of Physiologic Voice Therapy, April 2007.
- **Stemple J**, Therapeutic Services, Inc., New York, NY- Management of Voice Disorders in Children and Adolescents, April 2007.
- **Stemple J**, Saint Francis Hospital, Poughkeepsie, NY- Principles of Physiologic Voice Therapy, March 2007
- **Stemple J** and Thomas L, Kentucky Speech Language Hearing Association, Lexington, KY- Voice Therapy: Following the Evidence Trail, February 2007.
- **Uhl, T.L.**, 10th Annual Lexington Clinic Musculoskeletal Symposium, Lexington, KY-Muscle Activation in Rotator Cuff Injury/ Impingement, July 2007.
- **Uhl, T.L.**, Presentation to Residents of the University of Cincinnati Physical Medicine and Rehabilitation Department, Cincinnati, OH -Assessment and Management of Shoulder Injuries, May 2007.
- **Uhl, T.L.**, Grand Rounds Presenter to University of Cincinnati Physical Medicine and Rehabilitation Department, Cincinnati, OH - Scapular Assessment and Treatment, May 2007.
- **Uhl, T.L.**, The Peter Canisius Distinguished Lecture Series at Canisius College, Buffalo, NY - Scapular Dyskinesia: Evaluation and Implications for Intervention, February 2007.
- **Uhl, T.L.**, National Athletic Trainers' Association Educator Conference, Dallas, TX-Pre-conference workshop: Ins and Outs of the NATA Foundations Research Programs, January 2007.
- **Uhl, T.L.**, IV Congress of Association of Sport Physiotherapist, Istanbul, Turkey-Current Consideration of Scapular Dyskinesia Assessment and Interventions for Shoulder Injuries -Workshop – Rehabilitation of Scapular Dyskinesia, October 2007.
- **Sesma, AR, Mattacola, CG, Uhl, TL, Nitz AJ, Volpini, SS**, Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN -Poster- Effect of a 4-week Foot Orthotic Intervention on Single and Double Limb Dynamic Balance Tasks in Subjects With Chronic Ankle Instability, March 2007.
- **Makii AB, Uhl TL, Mair SD, Kriss VM**, Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN-Poster- Isometric Strength Testing of the Shoulder Rotators In Two Different Positions, March 2007.
- **Bausman AJ, Dwyer MK, Mattacola CG, Uhl TL, Nitz A**, Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN -Poster- Reliability of the NeuroCom Sensory Organization Test and Limits of Stability Test in Healthy Individuals, March 2007.
- **Howard JS, Fazio MA, Mattacola CG, Uhl TL, Shapiro R, Jacobs CA**- Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN Poster- Relationship of Hip and Foot Structure to Knee and Hip Kinematics During Landing, March 2007
- **Hill AS, Jacobs CA, Silvestri PG, Mattacola CG, Uhl TL**, Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN -Poster- Reliability of a Lower Extremity Functional Test among NCAA Division I Athletes, March 2007.
- **Fazio MA, Howard JS, Mattacola CG, Uhl TL, Jacobs CA, Shapiro R**, Southeastern Athletic Trainers 32nd Annual Clinical Symposium and Member's Meeting, Nashville, TN -Poster- Effects of Activity Type and Fatigue on Knee Kinematics, March 2007.
- Bader JS, Boland M, **Spigelman T, Royalty R, Uhl TL, Pienkowski D.**, 6th Annual Combined Orthopaedic Research Societies, Honolulu, HI- Poster: The Use of Length Data and Electromyography to Analyze Muscle Function, October 2007.
- Boland M, Bader J, Royalty R, **Uhl TL, Pienkowski D**, 6th Annual Combined Orthopaedic Research Societies, Honolulu, HI- Poster: The Relationship Between Muscle Length and Function in the Forearm During Pronosupination, October 2007.
- Boland M, Bader J, Royalty R, **Uhl TL, Pienkowski D**, 6th Annual Combined Orthopaedic Research Societies, Honolulu, HI- Poster - Joint reaction force across the distal radioulnar joint using maximal muscle forces- A Biomechanical Model, October 2007.
- **Sesma, AR, Mattacola, CG, Uhl, TL, Nitz AJ, Volpini, SS**, 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Oral Effect of a 4-week Foot Orthotic Intervention on Single and Double Limb Dynamic Balance Tasks in Subjects With Chronic Ankle Instability, June 2007.
- **Graves PD, Kindy D, Mair S, Uhl TL**, 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Oral- An Acute mid-foot injury in a female collegiate volleyball athlete, June 2007.
- **Marshall, R. C.**, University of Michigan Aphasia Program, Ann Arbor, MI- Buying in to aphasia research at the UMAP, June 2007.

RHB Faculty & Student

Presentations Continued

- **Uhl TL, Owens S, Hook L, Cheung L, Williams R.** 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Oral- Reliability of functional hip isotonic strength on the BTE Primus dynamometer, June 2007.
- **Howard JS, Fazio MA, Mattacola CG, Uhl TL, Shapiro R, Jacobs CA,** 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Poster- Relationship of Hip and Foot Structure to Knee and Hip Kinematics During Landing, June 2007.
- **Hill AS, Jacobs CA, Silvestri PG, Mattacola CG, Uhl TL,** 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Poster- Reliability of a Lower Extremity Functional Test among NCAA Division I Athletes, June 2007.
- **Fazio MA, Howard JS, Mattacola CG, Uhl TL, Jacobs CA, Shapiro R,** 58th Annual Meeting and Clinical Symposia of National Athletic Trainers' Association, Anaheim, CA- Poster- Effects of Activity Type and Fatigue on Knee Kinematics, June 2007.
- **Spigelman TH, Uhl TL, Nitz AJ, Hill C,** IV Congress of Association of Sport Physiotherapist, Istanbul, Turkey- Dry-land Freestyle Swimming: Comparison of a Traditional and a Multi-Planar swim bench, October 2007.
- **Mair SD, Makii AB, Kriss VM, Uhl TL,** American Orthopaedic Society for Sports Medicine, Calgary, Canada- Oral- A Six Year Longitudinal Study of Youth Baseball Players, July 2007.
- **Doris Pierce,** Karen Adler, **Julie Baltisberger, Somaya Malkawi, Twilla Parr,** SSO: USA Sixth Annual Research Conference Albuquerque, New Mexico- The First Five Years: A Thematic Analysis of Presentation Abstracts of the SSO: USA, October 2007
- **Patrick Kitzman and Tim Uhl.** APTA Combined Sections Meeting Nashville, Tennessee- Efficacy of Riluzole Managing Spinal Cord Injury Induced Spasticity in the Rat, February 2008.
- **Tony English,** Andrew Banks, **Tim Uhl.** APTA Combined Sections Meeting Nashville, Tennessee- Correlation and Reliability of Trunk Strength, Dynamic Balance and Perceived Functional Ability in Young People, February 2008.
- **Scott Shaffer, Tony English,** Mike Gambrell, **Anne Harrison** - APTA Combined Sections Meeting Nashville, Tennessee- Interrater Reliability of Sensation, Strength, Balance and Mobility in Adults with Diabetic Peripheral Neuropathy, February 2008.
- **Alyssa LaForme Fiss, Susan Effgen, Judy Page, Sharon Shasby.** APTA Combined Sections Meeting Nashville, Tennessee- Effect of Increased Practice Time Using Sensorimotor Groups on Gross Motor Skill Acquisition for Young Children with Down Syndrome, February 2008.
- **Art Nitz,** Tracy Spigelman, **TimUhl.** APTA Combined Sections Meeting Nashville, Tennessee- Comparison of EMG Activity in the Subscapularis and Infraspinatus Muscles of Collegiate Swimmers, February 2008.
- **Scott Shaffer, Anne Harrison, Art Nitz,** Ray Reynolds. APTA Combined Sections Meeting Nashville, Tennessee- Discriminant Validity and Diagnostic Accuracy of Fall Risk Assessment Measures in Adults with Diabetes and Peripheral Neuropathy, February 2008.
- **Art Nitz,** Mindy Nitz, **Tim Uhl.** APTA Combined Sections Meeting Nashville, Tennessee- Are We Getting Cervical Lesions Better in a Private Practice?, February 2008.
- **Kiesel K, Underwood F, Malone T, Mattacola C, Nitz A.** APTA Combined Sections Meeting Nashville, Tennessee- Changes in muscle thickness of select trunk muscles following a lumbar stabilization program, February 2008.
- **Terry Malone.** APTA Combined Sections Meeting Nashville, Tennessee- Platform Moderator, Sports Physical Therapy Section, Lower Extremity Research, February 2008.
- **Janice Kuperstein.** APTA Combined Sections Meeting Nashville, Tennessee- Combining Your Passions: Partnering with Your Faith Community in Health Promotion and Professional Advocacy, February 2008.
- **Lori Bogla,** Robert Manske, Med. APTA Combined Sections Meeting Nashville, Tennessee- The Black Hole of Orthopedics: Current Concepts in the Examination and Rehabilitation of Athletes with Patellofemoral Pain, February 2008.
- **Kyle Keisel,** Deydre Teyhan,. APTA Combined Sections Meeting Nashville, Tennessee- Current Concepts Related to Motor Control Training and Rehabilitative Ultrasound Imaging for Patients with Lumbopelvic Disorders, February 2008.
- **McKeon PO,** Ingersoll CD, Kerrigan DC, Saliba EN, Bennett BC, Hertel J, Southeastern Athletic Trainer's Association Meeting- Balance Training Significantly Improves Function and Postural Control in Those with Chronic Ankle Instability, February 2008.
- **Mattacola, CG,** Southeastern Athletic Trainer's Association Meeting- Rehabilitation Considerations following Cartilage Restoration and Meniscal Repair February 2008.

RHB Faculty & Student Presentations Continued

- Boudreau SN, Dwyer MK, Mattacola CG, Lattermann, CL, Uhl TL, Southeastern Athletic Trainer's Association Meeting- Hip Musculature Activation During Functional Exercises: the Lunge, Single-Leg Squat, and Step-Up and Over, February 2008.
- Dwyer, MK, Southeastern Athletic Trainer's Association Meeting- Evidenced-Based Hip Evaluation, February 2008.
- Bolglia, L., Southeastern Athletic Trainer's Association Meeting- Current Concepts in Patellofemoral Pain, February 2008.
- Amponsah GP, Dwyer MK, Mattacola CG, McKeon PO, Southeastern Athletic Trainer's Association Meeting- Reliability and Validity of a 2-D Video Digitizing System Compared to a 3-D Electromagnetic Digitizing System during Three Dynamic Tasks, February 2008.
- Dwyer MK, Boudreau SN, Mattacola CL, Lattermann CG, Uhl TL, Southeastern Athletic Trainer's Association Meeting- Comparison of Lower Extremity Kinematics during Rehabilitation Tasks between Genders, February 2008.
- Howard JS, Fazio MA, Mattacola CG, Uhl TL, Southeastern Athletic Trainer's Association Meeting- Relationship of Static Hip Range of Motion to Hip and Knee Kinematics During Flight and Landing, February 2008.
- Medina McKeon JM, Denegar CR, Hertel J, Southeastern Athletic Trainer's Association Meeting- The Effects of Gender on Lower Extremity Kinematics for Two Functional Tasks, February 2008.
- Spigelman TH, Uhl TL, Mair S, Hill C, Nitz AJ, Cunningham TJ, Southeastern Athletic Trainer's Association Meeting- Kinematics of Dryland Swimming Using Two Dryland Benches, February 2008.
- Thue D, Alden G, English R., KPTA Spring Conference. Louisville, KY- Recruitment and efficiency of targeted trunk musculature via Pilates exercise, May 2007.
- Tudor, L., Skubik-Peplaski, C., Graybeal, M. American Medical Rehabilitation Providers Association 5th Annual Medical Rehabilitation Education Conference, Park City, Utah- Common language, common tools: Integrating the international classification of functioning into transdisciplinary approach to care, September 2007.
- Skubik-Peplaski, C., Tudor, L., Graybeal, M. The 25th Annual National Neurotrauma Symposium, Kansas City, Missouri- Effective rehabilitation process: Transdisciplinary approach with an ICF infrastructure, July 2007.
- Craft, J., Tudor, L. & Skubik-Peplaski, C., North American Collaborating Center Conference on the ICF, Buffalo, NY- The ICF as a Documentation Coding Structure to Solidify the Transdisciplinary Process, June 2007.
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- **Capilouto, G.J.**, UK Chapter of the American Association of Dental Researchers, Lexington, KY- A Pilot Investigation of the Impact of Orotracheal Intubation and Expressive Language Outcomes at 24 – 30 Months, 2007.
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- **Nitz, A. J.**, APTA, CSM – Boston, MA- Clinical and Electrophysiologic Effects of Aging on Neurologic Function: Spinal Stenosis, February 2007.
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