



RSDP Newsletter

University of Kentucky

December 2004

Teaching Apprenticeship in Rehabilitation Science

A critical function of any university faculty member is teaching. Therefore, a Teaching Apprenticeship (RHB 787) is an important element of the doctoral program. Since students in the Rehabilitation Sciences Doctoral Program come to the university with a variety of backgrounds, including years of university teaching, we do not have rigid teaching requirements and allow the student's Advisory Committee to work with each student to develop the most ap-

propriate learning opportunities.

Doctoral students without teaching experience should plan for at least two Teaching Apprenticeships. The initial experience is typically assisting in a course involving delivering several lectures, helping in laboratory experiences, and grading examinations. Once the student becomes familiar with the content, structure, and philosophy of the course, then he or she can assume major responsibilities in the course during a

second Teaching Apprenticeship. Students are provided guidance and feedback by the professor in charge of the course throughout the entire process. By the end of the Teaching Apprenticeships, students should be able to plan and carry out a college level course with minimal supervision.

Some students might want to expand their post graduation marketability and seek teaching experiences in several different content areas. They might par-

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Congratulations! to Dr. Lori Gonzalez on being awarded the deanship of the College of Health Sciences. We believe the leadership qualities Dr. Gonzalez brings to the position will help the college achieve its goal of becoming a top twenty institution.

We would also like to **congratulate** Dr. Kitzman and Dr. Effgen. Dr. Kitzman received a \$136,572 grant from the Paralyzed Veterans of America to investigate suppression of SCI-induced spasticity by inhibition of glutamine release. The grant is for a period of two years. Dr. Effgen saw her first book, entitled *Meeting the Physical Therapy Needs of Children*, published this fall by F.A. Davis Company.

Kyle Kiesel's Hong Kong Adventure

In September, I attended The Fourth Pan-Pacific Conference on Rehabilitation: Art and Science of Enablement, at The Hong Kong Polytechnic University. A prominent researcher in my area of interest was one of the primary speakers. At-

tending gave me an opportunity to meet him and participate in a pre-conference course that he taught. I also presented an abstract on data I collected with the help of Dr. Uhl and Dr. Nitz.

The conference was organ-

ized with the enabling-disabling model in mind. There were presentations ranging from the effects of laser on soft tissue healing in rats, to validation of an on-line interactive memory testing/training

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Announcements and brochures for numerous **academic positions** across the nation are posted in the Graduate Student Office, Room 126B. Please check them out to see what is available.

Reminder: The **Spring Colloquium** will be held Friday, April 22nd, with a gathering Thursday night to informally open the event. Further details will be forthcoming.

Congratulations! to Dr. Stewart on being named the Associate Dean for Academic Affairs

“I avoided the pigs’ feet.”

Congratulations! to Lori Bolgla for passing her quals.



Teaching Apprenticeship in Rehabilitation Science Continued

participate in a new sequence of Teaching Apprenticeships, or might ask to deliver guest lectures in other classes. Opportunities to assist in several courses are available to students who accept a Graduate or Teaching Assistantship.

For those students with university teaching ex-

perience, their apprenticeship will be individually developed to create new learning opportunities. They might want to learn a new teaching format such as problem based learning, develop a web based course, teach in a distance education course, or try their hands in administra-

tion. Numerous opportunities are available with our experienced faculty.

For more information regarding teaching expectations, please read the Criteria of Next Environment (CONE) Model document.

The End

Kyle Kiesel's Hong Kong Adventure Contd.

program for stroke patients.

There were studies related to the SARS epidemic and how rehabilitation contributed to disability reduction in that population. I was surprised to learn that Hong Kong has many of the same chronic illnesses that we deal with in the US such as DM and HTN, as well as problems with declining activity levels in their youth.

The faculty members from PolyU were very friendly and helpful. Their department of rehabilitation sciences encompasses a diverse background of researchers. They have a very impressive facility with state-of-the-art laboratories ranging from ani-

mal research to outcomes research performed at their on-site clinic.

I received funding from the UK graduate school which covered about 2/3 of the cost. The travel and opportunity to interact with professionals from the east was outstanding. I met and had dinner with therapists and a physiatrist from mainland China. Their English was a bit difficult to understand, but very interesting. Hong Kong was impressive and Dr. Effgen's advice on site seeing proved invaluable. The food was very good and there was plenty of it! I avoided the pigs' feet

and learned to use chop sticks quickly.

This conference is held every two years. They are considering a sports medicine theme for 2006 as they are already talking about the 2008 Summer Olympics to be held in Beijing. I will likely still be an RHB student when 2006 rolls around... so I would be glad to share further details of my experience if any students are interested in attending. I highly recommend it. **The End**

Publications

Bolgla LA, Malone TR. Exercise prescription and patellofemoral pain syndrome evidence for rehabilitation. *Journal of Sport Rehabilitation*. (Accepted for publication.)

Bolgla LA, Hazle C, Malone TR. Managing overuse injuries in athletes. *Biomechanics*, 2004, 9(8): 24-36.

Bolgla LA, Malone TR, Mair SD. Patellar tendon and quadriceps tendon ruptures. *Postoperative Sports Orthopedic Rehabilitation: Knee and Shoulder*, Mosby, St. Louis, MO (In press).

Darbee JC, Ohtake PO, Grant BJB, Czerny FJ. Physiologic evidence for the efficacy of positive expiratory pressure as an airway clearance technique in patients with cystic fibrosis. *Physical Therapy*. 2004; 84(6): 524-537. (Study was funded by the Foundation for Physical Therapy.)

Effgen SK. (Ed). *Meeting the Physical Therapy Needs of Children*. Philadelphia: F.A. Davis, 2005.

Freed DB, Celery K, **Marshall RC.** A comparison of personalized and phonological cueing on the long-term naming accuracy by subjects with aphasia. *Aphasiology*, 2004, 674-686, 2004.

Harrison AL. The influence of pathology, pain, balance and self efficacy on function in women with osteoarthritis of the knee. *Physical Therapy*, 2004, 84 (9), 822-831.

Kitzman PH. Alterations in axial motoneuronal morphology in the spinal cord injury induced spastic rat. *Experimental Neurology*. (Accepted for publication.)

Kleinert J, Effgen SK. Early intervention. In S. K. Effgen (Ed.). *Meeting the physical therapy needs of children*. Philadelphia: F.A. Davis, 2005.

Marshall RC, Karow CM, Morelli C, Iden K, Dixon J, Cranfill T. Effects of interactive strategy modeling training on problem-solving by persons with traumatic brain injury. *Aphasiology*, 2004, 18, 659-673.

Marshall RC, Davis GA, Horner J, Linebaugh CW, McNeil MR, Simmons-Mackie N, Wertz RT. Clinical Aphasiology Classics: An Introduction. *Aphasiology*, 2004, 18, 1039-1043.

Marshall RC, English LE. Functional strategies for enhancing auditory comprehension for persons with aphasia for the neurological physical therapist. *Journal of Neurologic Physical Therapy*, 2004, 28, 38-43.

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

Presentations

Banton AC, Howe K, Jones CP, **English T.** Trunk strength and throwing velocity: the pilates method of exercise and baseball conditioning. APTA Combined Sections Meeting, Nashville, TN, Feb. 2004.

Bolgla LA. Safety on the ski slopes. Lexington Ski Club, Lexington, KY, Invited speaker, October 2004.

Darbee JC, Kanga J and Ohtake PO. Physiological responses to two airway clearance interventions in hospitalized patients with cystic fibrosis. J Warren Perry Research Day, School of Public Health and Health Professions, SUNY Buffalo. (Poster received first place for outstanding clinical research science.)

English T. Continued competence in physical therapy in Kentucky. Central Baptist Hospital, Lexington, KY, September 2004.

English T. Continued competence in physical therapy in Kentucky. KPTA Eastern District Meeting, Lexington, KY, September 2004.

English T. Continued competence in physical therapy in Kentucky. KPTA State Fall Conference, Florence, KY, October 2004.

Hardy P, Guzy AM, Napier CL, Downs M, **Harrison AL.** Correspondence between thickness of articular cartilage in the femur on MR images and in anatomical sections.

UK Department of Physical Medicine and Rehabilitation, 16th Annual Research Day, Cardinal Hill Hospital, June 2004.

Harrison AL, English T, White H, Bolgla L. Research in rehabilitation. Physical Medicine and Rehabilitation Residents, Cardinal Hill Hospital, Lexington, KY, September 2004.

Harrison AL, English T, White H, Bolgla L. Research in rehabilitation. KPTA State Fall Conference, Florence, KY, October 2004.

Harrison AD. Patellofemoral pain syndrome: Conservative management for female athletes. Cincinnati Children's Sports Medicine Biodynamics Center Female Athlete Course, Cincinnati, OH, November 2004.

Harrison AD. Gait: Clinical assessment and training for patients with patellofemoral pain syndrome. College of Mount Saint Joseph Physical Therapy Program, Cincinnati, Ohio, September 2004.

Harrison AD. Patellofemoral pain syndrome: current assessment practices. Tifton Sports Medicine Conference, Tifton, Georgia, June 2004.

Kiesel KB, Rodd DW, Uhl TL, & Nitz AJ. Measurement of the lumbar multifidus muscle contraction with ultrasound imaging. The Fourth Pan-Pacific Conference on Rehabilitation: Art and Science of Enablement, Hong Kong Polytechnic University, September 2004.

Kleinert J, Stewart S. Technical literacy skills for faculty in allied health education. Poster for the annual meeting of the Association of Schools of Allied Health Professions, Tampa, FL, 2004.

Kleinert J, Gonzalez L. Educating graduate students on strategies to foster self-determination in clients with developmental disabilities. Poster for the annual convention of the American Speech-Language-Hearing Association. Philadelphia, PA, November 2004.

Kleinert J, Huebner R. Speech-Language pathologists' knowledge of

Finally, we are sad to say **goodbye** to Dr. Sue Queen. Dr. Queen is leaving at the end of December to assume the chairmanship of the PT department at the University of New Mexico. We wish her continued success.

Breaking News!!

As a wonderful parting gift, Dean Robinson has provided a special scholarship to the following RHB students: Lori Bolgla, Jane Kleinert, Alyssa LaForme, and Christine Teeeters. We want to offer our sincere appreciation to Dean Robinson.

Dr. Kitzman has just been awarded a second grant to support his spinal cord research. This grant is for a total of \$300,000 over a period of three years. **Congratulations Dr. Kitzman!!!**

The 4th Hispanic Conference of Health Related Professions was held from December 6-8 in beautiful San Juan, Puerto Rico. This year's theme was technology in the health related professions. The conference is attended by allied health professionals from around the world. Meetings included several keynote addresses, concurrent sessions and poster presentations.

Dr. Sharon Stewart and Jane Kleinert attended the conference and were accepted to present a concurrent session entitled: "Integrating Technical Literacy into Doctoral Education for Health Related Professionals." The session was designed to describe their work completed as part of the objectives of the Rehabilitation Sciences Doctoral Program Grant. The session included information regarding our doctoral program's efforts to identify benchmark technical literacy skills needed for Ph.D. faculty and to integrate these skills into our curriculum and teaching apprenticeships.

A unique opportunity... During the second summer session of 2005, RHB doctoral students will have a unique opportunity to participate in a special research apprenticeship. The instructor for this one-time experience will be Dr. Laurence Leonard from Purdue University. Dr. Leonard has received the Honors of the American Speech-Language-Hearing Association and is a member of the NIH Advisory Council. He is one of the world's leading researchers in language disorders in children. Enrollment in this 3-credit research apprenticeship will be limited and preference will be given to CD students in the pediatric track. Specific information on this course will be forthcoming soon. Please email Dr. Marshall (rcmarsh@uky.edu) if you are interested in this opportunity.

self-determination programs for students with disabilities: a survey. Poster presentation for the annual convention of the American Speech-Language-Hearing Association. Philadelphia, PA, November 2004.

Kleinert J, Lovelace S. Adequacy of services for children with disabilities in foster care. Poster presentation for the annual convention of the American Speech-Language-Hearing Association. Philadelphia, PA, November 2004.

Kleinert J, Stewart S, Gonzalez L. Integrating technical literacy into doctoral education for health related professionals. 4th Hispanic Congress of Health Related Professions, San Juan, Puerto Rico, December 2004.

Lovelace S. Teaching early

literacy concepts to children with language disorders. Regional Association of Communication Disorders, Jonesboro, AR, October 2004.

Lovelace S. Cultural discontinuity between home and school languages: Implications for SLPs. Arkansas Speech Language Hearing Association Convention, Hot Springs, AR, October 2004.

Lovelace S, Stewart S. Learning of non-targeted concepts of print in children with language disorders. American Speech Language Hearing Association Convention, Philadelphia, PA, November 2004.

Marshall RC, English L. Enhancing comprehension for brain-injured patients across the rehabilitation spectrum. ASHA Annual

Convention, Philadelphia, PA, 2004.

Marshall RC. Assessment and management of problem solving in clinical settings. Intermountain Health Care – LDS Hospital, Salt Lake City, UT, 2004.

Marshall RC. Creating and sustaining group treatment programs in clinical settings. Intermountain Health Care – LDS Hospital, Salt Lake City, UT, 2004.

Marshall RC. Managing neurogenic communication disorders: Therapy today for tomorrow. Continuing Education Programs of America, Chicago, IL, 2004.

Marshall RC. Group treatment of neurogenic communication disorders. Oklahoma Speech-Language-Hearing Association, Tulsa, OK, 2004.

Marshall RC. RAPS: A clinical approach to the assessment and treatment of problem-solving deficits. Oklahoma Speech-Language-Hearing Association, Tulsa, OK, 2004.

Rous B, **Myers C.** Family and practitioner perspectives on quality transition practices. Division of Early Childhood annual conference, Chicago, IL, December 2004.

Tindall L, Huebner R. Elder abuse: The needs and roles of the speech-language pathologist. American Speech Language Hearing Association Convention. Philadelphia, PA, November 2004.

Tindall L. Elder abuse: The needs and roles of speech language pathologist. Physical Medicine and Rehabilitation. Research Day Cardinal Hill Hospital, Lexington, KY, June 2004.