



SCHOOL OF HEALTH AND REHABILITATION SCIENCES

INDIANA UNIVERSITY
IUPUI

Dean's Update

April-June, 2012

Teaching and Learning

- **Kelton, GM.**, Emergency Gynecology. Lecture for Medical Conference, Xian, China, April 5, 2012
- **Kelton, GM.**, Evidenced Based Prenatal Care. Lecture for Medical Conference, Qiqihar, China, April 3, 2012.
- **Mac Kinnon, J.** The Culture of the Academic Academy. Lecture for APTA New Physical Therapy Faculty Development Workshop, Indianapolis, June 22, 2012.
- **Mac Kinnon, J.** Career Advancement-Promotion and Tenure. Lecture for APTA New Physical Therapy Faculty Development Workshop, Indianapolis, June 22, 2012.
- C. Kroll, **T. Fisher**, L. Breeden and J. Fogo, presented at the AOTA Conference in April, 2012, a short course "The IOTA Approved Provider Program and the Indiana OT Practice Act: Understanding the Regulations".
- **Scott, P.**, London, S. & Bauer, E. (2012) Utilizing iPad technology to enhance the learning and Research application of research concepts with occupational therapy students. American Occupational Therapy Association Annual Conference, Indianapolis, IN. April 27.
- Five faculty members, **Jeffery Crabtree, M. Terry Loghmani, Jennifer Marable, Patricia Scott and Jim Zedaker**, attended the OPVIA train the trainer Faculty Development workshop supporting the IU Health Schools initiative to promote Inter-Professional Education, April, 2012.
- **Loghmani, M. T.**, Assessment of an Integrative Longitudinal Case-Based Learning Model as a Curriculum Strategy to Enhance Teaching and Learning. IUPUI PRAC Meeting April 2012. PRAC will use outcomes from this ongoing project as evidence of program review.
- **Bayliss, A., DPT, PT** received the Golden Goniometer award from the 2012 graduating class of doctorate of physical therapy (DPT) students. The students created this award themselves and established the following criteria; the Professor must: demonstrate high motivation, initiative, integrity, leadership skills, commitment and exceptional judgment; aid students in professional growth; provide leadership through example; show

excellence in teaching; inspire students of all backgrounds and abilities to learn; and play an active role in the community as well as the school.

Research, Scholarship, and Creative Activity

Grants

- **Altenburger PA (PI), Dierks TA, Cardinal, R.** received a Research Support Funds Grant in the amount of \$34,013 for their study on The Effect of Robot-Assisted Locomotor Training on Clinical Impairments, Motor Function, and Physical Activity Levels in Children with Cerebral Palsy.
- **Marie Berghoff and Rebecca Holtz**, both second year DPT students received an Educational Enhancement Grant (EEG) from the graduate office to support their attendance at a National Physical Therapy conference.
- **Scott, Patricia , PhD, MPH, OT, FAOTA**, received a SHRS PEAR Award to travel to American Transplantation Congress (\$1500)
- **Scott, Patricia, PhD, MPH, OT, FAOTA**, received the Allied Health Research Award from the American Society for Transplantation for her work investigating recover patterns of post-liver transplant patients. (\$10,000)

Publications

- **Cardinal, R.**, DPT, and **Altenburger, P.**, PhD, PT, were contributors to an article on Physical Therapy and Technology for *PT in Motion*, June 2012.
- **Crabtree, J. L., Justiss, M. D., Swinehart, S.** (2012). Occupational Therapy Master-Level Students' Evidence-Based Practice Knowledge and Skills Before and After Fieldwork. *Occupational Therapy in Health Care. Early Online: pp. 1-12. DOI: 10.3109/07380577.2012.694584*
- **Fisher, T. F.** & Wintermeyer, S. (2012). Musculoskeletal Disorders in EMS: Creating Employee Awareness. *Professional Safety: Journal of the American Society of Safety Engineers*, 57(7), 30-35.
- **Schmid AA**, Damush T, Tu W, Bakas, T, Kroenke K, Hendrie H, Williams L. Depression Improvement is Related to Social Role Functioning after Stroke. *Archives of Physical Medicine and Rehabilitation*, . 2012; 93: 978-82.
- **Schmid AA**, Van Puymbroeck M, **Altenburger PA**, **Dierks TA**, **Miller KK**, Damush TM, & Williams LS. Balance and balance self-efficacy are associated with activity and participation after stroke: A cross-sectional study in people with chronic stroke. *Archives of Physical Medicine and Rehabilitation*, 2012; 93:1101-7.
- **Scott, P.J.** & Brown, V. (2012). Resumption of valued activities in the first year post-transplant. *Occupational Therapy in Health Care*, 26(1), 48-63.

Oral Presentations

- **Fisher, T.F.**, Kröll, C., Fogo, J. & Breeden, L. (April, 2012). The IOTA Approved Provider Program and the Indiana OT Practice Act: Understanding the

- Regulations. American Occupational Therapy Association Annual Conference and Exposition, Indianapolis, IN.
- **Fisher, T. F.** (April, 2012). The Future of Professional OT Education: Update and Progress. Annual Meeting of OT Program Directors, Indianapolis, IN.
 - **Justiss, M.D.** (2012). The effectiveness of automobile-related modifications on driving ability, performance and safety of the older adult. American Occupational Therapy Association Annual Conference and Expo, Indianapolis, IN.
 - **Liu, C.-J., Pape, S., *Bayston, K., *Hahn, M.,*Stahl, L., & *Powers, B. M.** (April, 2012). The effect of illustrations on learning about assistive devices for older adults: A pilot study. American Occupational Therapy Association Annual Conference and Expo, Indianapolis, IN.
 - **Scott, P,** Godar, B., Kinder, J., & Miller S. (2012). Implementing and Maintaining Evidence Based Practice: Recommendations for Success.) American Occupational Therapy Association Annual Conference, Indianapolis, IN. April 27. [with student(s)]
 - **Scott, P.,** Bah, F., Bordner, S., Ehlers, E., Linck, A., Widbin, J., & Winslow, E. (2012) Recovery following complex medical procedures: Evidence for the need for OT services in post-acute care. American Occupational Therapy Association Annual Conference, Indianapolis, IN. April 27. [with student(s)]
 - **Schmid AA,** Van Puymbroeck M, **Miller K, Altenburger P.** Post-stroke Balance Coordination is Associated with Quality of Life. North American Society for the Psychology of Sport and Physical Activity, Honolulu, HI, June 2012.
 - **Dierks T, Altenburger P, Miller KK, Schmid AA.** The Effect Of Balance Exercise Therapy On Gait Parameters In Individuals With Chronic Stroke. American College of Sports Medicine 59th Annual Meeting and 3rd World Congress on Exercise is Medicine. San Francisco, CA, May 2012.
 - **Schmid AA,** Van Puymbroeck M, **Miller K, Altenburger P, Dierks T.** Balance confidence, a primary predictor of activity and participation after stroke. American Occupational Therapy Association, Indianapolis, IN, April 2012.
 - White D, Bird C, **Bayliss A, Loghmani MT.** Ultrasound Imaging as a Diagnostic Tool for Muscle, Tendon and Fascia Pathologies: An Emerging Physical Therapy Practice. IUPUI Research Day April 2012

Poster Presentations

- **Liu, C.-J., Pape, S.,** Ferrell, J., Turner, E., & Johanningsmeier, K. (April, 2012). Patient education and gerontic occupational therapy: perceptions, barriers, and needs. American Occupational Therapy Association Annual Conference and Expo, Indianapolis, IN.
- **Schmid AA,** Van Puymbroeck, **Altenburger P, Dierks T, Miller K,** Schalk N, DeBaun E, Damush T, Williams L, Chagdes S, Dye L, Moore R, Racine L. Yoga-based rehabilitation intervention improves quality of life, activity, and participation. Poster at American Occupational Therapy Association, Indianapolis, IN, April 2012.

Published Abstracts

- **Schmid AA**, Van Puymbroeck M, **Miller K**, **Altenburger P**. Post-stroke Balance Coordination is Associated with Quality of Life. *Journal of Sport and Exercise Psychology*. 2012; 34: S183.
- **Schmid AA**, Miller KK, Van Puymbroeck M, **Dierks TA**, **Altenburger P**, Schalk N, Williams LS, DeBaun E, Damush T. Physical improvements after Yoga for people with chronic stroke. *Medicine and Science in Sports and Exercise*, 2012;44(5):s250.
- **Dierks TA**, **Altenburger PA**, **Miller KK**, **Schmid AA**. The effect of balance exercise therapy on gait parameters in individuals with chronic stroke. *Medicine and Science in Sports and Exercise*, 2012;44(5):s284.

Student Accomplishments

- Danielle White SPT Chelsea; Bird SPT, **Amy Bayliss PT, DPT**, **M. Terry Loghmani PT, PhD**. Ultrasound Imaging as a Diagnostic Tool for Muscle, Tendon and Fascia Pathologies: An Emerging Physical Therapy Practice. IUPUI Research Day April 2012.

Civic Engagement

- **Bayliss, A.**, DPT, PT was a reviewer for a textbook titled “Fundamental Screening & Exam Techniques for the Physical Therapist”
- **Bayliss, A.**, DPT, PT performed 2 presentations on “PT as a future career” to a group of students on the IUB campus and the IUPUI campus in the physical education department.
- **Kelton, G.**, MD, Introduction to IU Physician Assistants Program, Presentation at the AHEC Site Directors Meeting, May 4, 2012.
- **Kelton, G.**, MD and **Zedaker J.**, MPAS, PA-C, EMT-P, Introduction to IU Physician Assistants Program, Presentation to the IU SOM Clerkship Committee, April 24, 2012.
- **Fisher, T.**, PhD, OTR, CCM FAOTA, has been invited to serve on the Indiana Brain Injury Leadership Board Steering Committee 2012-2014 because of his extensive experience with persons with brain injury as an OT, case manager and psychologist
- **Indiana University Student Occupational Therapy Association (IU-SOTA)** celebrated “OT Month” in April by providing information session at the IUPUI Campus Center to promote awareness of the profession and volunteered at the AOTA Conference and Expo in Indianapolis.
- IU PT student proposal accepted for participation as a partner in the IU Student Outreach Clinic (IU SOC)

Best Practices

- **Crabtree, J. L.**, MS, OTD, FAOTA, & **Mushi-Brunt, C.**, PhD, MPH, “You Must Get Out of the Car Sometime: Community Mobility Beyond Driving-- Opportunities for Innovation and Best Practice in All Practice Settings” American Occupational Therapy Association Conference April 28, 2012.
- Wells, J. & **Crabtree, J. L.** MS, OTD, FAOTA, (2012). Ethics in clinical research (pp. 118-142). In R. Saini (Ed.). *Fundamental of clinical trial and research*. Hyderabad, India: Paras Medical Publishers.

External Awards and Appointments

- **Kelton, Gaylen, MD**, was elected as Chair, Physician Resource Council, Focus on the Family.
- **Liu, Chiung-ju, PhD, OTR**, joined the board of directors of Minority Health Coalition Marion County, Indianapolis, IN
- **Liu, Chiung-ju, PhD, OTR**, received a competitive sponsorship from American Occupational Therapy Foundation to attend Research Institute on Behavioral Interventions at Johns Hopkins School of Nursing in June.
- Thirty-six IU Occupational Therapy students received an educational enhancement grant from the IUPUI Graduate and Professional Student Government (GSPG) to support their attendance and participation at the 2012 AOTA Annual Conferences and Expo.