



## SCHOOL OF HEALTH AND REHABILITATION SCIENCES

INDIANA UNIVERSITY  
IUPUI

### **Dean's Update**

July – September, 2013

#### *Teaching and Learning*

- The Department of Nutrition & Dietetics welcomed **Cheryl Armstrong, PhD, MBA, RD** as an adjunct professor in the department. Dr. Armstrong is teaching Research Methods and Management Issues in Dietetics in the Dietetic Internship Program. Dr. Armstrong, a graduate of Purdue University, is also associated with the IU Translational Research Center where she is responsible for nutrition component of ongoing research studies.
- **CJ Liu, PhD, OTR**, provided research mentorship to Keishona Ruby, an Ivy Tech-IUPUI bridge scholar, this summer. Keishona continues to work with Dr. Liu in the fall semester.
- **CJ Liu, PhD, OTR**, and **Sharon Pape, MS, OTR**, presented *Best practice strategies for patient education with older adults* at the sixth Annual Mid-American Institute on Aging in Evansville, IN on August 8-9, 2013.
- **Patricia Scott, PhD, MPH, OT, FAOTA**, presented *Fatigue as Reported at 12 Time Points during the First Year Post-Liver Transplant* at the IUPUI Fall TRIP Showcase on Sept. 16, 2013.
- The Dietetic Internship Class of 2014 was welcomed in August as they began their program. Average GPA for the incoming group is 3.5/4.0 scale. The class includes students from Indiana, Ohio, Illinois, Michigan, California and China.
- 40 First year DPT students began the IU Program in August

#### *Research, Scholarship, and Creative Activity*

- Ladenheim B, **Altenburger P, Cardinal C**, Mast J, Monterroso L, **Dierks T**, Krebs HI. Robotic Assisted Therapy in Pediatrics: Predictable versus unpredictable target placement during therapy. *NeuroRehabilitation*. 2013; 33(1):25-31.
- **Mary Beth Brown, PhD, PT, ATC**, mentored three student poster presentations at IUPUI CTL Research Symposium in August 2013
- **Crabtree, J. L. & Mushi-Brunt, C.** (2013). Public transportation to obtain food: An overlooked instrumental activity of daily living. *OTJR: Occupation, Participation and Health*, 33(4), 209-217.

- **Dierks TA, Altenburger PA, Miller KK**, Phipps RL, Schmid AA. Gait parameter changes during sustained walking in individuals with chronic stroke. 37th Annual Meeting of the American Society of Biomechanics. Accepted for podium presentation, September 2013.
- **Robyn Fuchs**, PhD was awarded \$75K as PI from the CTSI for the study “The Effects of Botox on Muscle and Bone Health in Children with CP”
- Weaver C and **Fuchs RK**. “Skeletal Growth and Development,” Chapter 12, pages 245-260. In: Burr DB and Allen MR (Eds): Basic and Applied Bone Biology, Elsevier, ISBN: 0124160158, August 2013.
- Robling A, **Fuchs RK**, Burr DB. “Mechanical Adaptation,” Chapter 9, pages 175-203. In: Burr DB and Allen MR (Eds): Basic and Applied Bone Biology, Elsevier, ISBN-10: 0124160158, publication date August 2013.
- **Robyn Fuchs**, PhD, and Mary E. Gannotti, “Fighting Osteopenia with Wheelchair Boxing: A Novel Way to Build a Healthier Skeleton. Demonstration Poster, American Academy of Physical Therapy, Milwaukee, Wisconsin, October 16-19<sup>th</sup>, 2013.
- **Judith Ernst**, D.M.Sc., RD, spent the summer in Kenya working on data analysis for her research project. While in Kenya she met with colleagues associated with the AMPATH project and discussed potential new program and research initiatives for Africa.
- **Kelton, G.M.**, Indiana Association of Public Health Physicians, Invited Speaker, “PA Update”, Sept 11, 2013
- **Loghmani MT, Warden SJ**: Instrument-assisted cross fiber massage increases blood flow and alters microvascular morphology in the vicinity of healing knee ligaments. *BMC Complementary and Alternative Medicine* 2013;13:240 (9 pages)
- Friedrich-Nel H, **MacKinnon J**. Expectations in postgraduate supervision: perspectives from supervisors and doctoral students. *Interim*, 2013, 12(1):1-14.
- **Miller KK, Altenburger PA, Dierks TA**, Van Puymbroeck M, Kean J, Combs S, Schmid AA. Fatigue and pain: relationships with physical performance and patient beliefs after stroke. *Topics in Stroke Rehabilitation*, 2013;20(4):347-355.
- **Munk, N.** (2013). Case Reports: A Meaningful Way for Massage Practice to Inform Research and Education. Editorial. *International Journal of Therapeutic Massage & Bodywork*, 6(3), 3.
- **Munk, N.** *Massage Effectiveness: Interests for Primary Care*. Keynote address at the Medicine Beyond Medication Conference, Grand Rapids, MI. September 26-28, 2013.
- Undergraduate student **Angela Pittman** was selected for the IUPUI’s Diversity Scholars Research Program.
- **Scott, P.J.** *Measuring participation outcomes following live saving medical interventions: The Role Checklist Version 2: Quality of Performance*. Disability and Rehabilitation (0) 1-5 2013

- **Scott, P.J.**, et al. *Pancreas Transplantation: Personal Factors Associated with Good and Poor Post-Transplant Adaptive Response*. in *American Journal of Transplantation*. July, 2013. [published abstract]
- **Scott, P.J.**, et al. *Fatigue as Reported at 12 Time Points during the First Year Post-Liver Transplant*. in *American Journal of Transplantation*. July, 2013. [published abstract]
- **Warden SJ**, Galley MR, Hurd AL, Wallace JM, Gallant MA, Richard JS, George LA: Elevated mechanical loading when young provides lifelong benefits to cortical bone properties in female rats independent of a surgically-induced menopause. *Endocrinology* 2013;154:3178-87

### **Civic Engagement**

- **Fisher, T.** continues to serve on the Indiana TBI Board
- **Kuo, F.** continues to serve on the Burmese American Community Institute (BACI) Board
- **Loghmani MT**, Yoder K, Seville J. Interprofessional Education and Practice. Butler University, Sept 28, 2013. Invited presentation at multi-disciplinary IUSOC bi-annual retreat attended by faculty advisors and student board members. Collaborators: Drs Yoder (Dentistry) and Seville (Medicine).
- **Pape, S.** continues to serve as faculty advisor for OT at the IU Student Outreach Clinic (SOC). Students participated at the SOC open house on 8/24/13.

### **Best Practices**

- **Arnold B, Crabtree J, Scott PJ, Kuo F.** Occupational Therapy Research Colloquium, August 28, 2013.
- **Crabtree, J.L.** Community Mobility and Participation in Society. Occupational Therapy Research Colloquium, August 28, 2013.
- **Dierks TA, Altenburger PA**, Miller KK, Phipps RL, Schmid AA. Gait parameter changes during sustained walking in individuals with chronic stroke. 37<sup>th</sup> Annual Meeting of the American Society of Biomechanics. Accepted for podium presentation, September 2013.
- **Fisher T.** AOTA/AOTF initiatives for EBP (Evidence-based practice). Occupational Therapy Research Colloquium, August 28, 2013
- **Liu C.J.** The next step of 3-Step intervention program for vulnerable older adults. Occupational Therapy Research Colloquium, August 28, 2013.
- **Scott, P.J.** Update on the IRAP study for cross-cultural validation of the Role Checklist Version 2: Quality of Performance. Occupational Therapy Research Colloquium, August 28, 2013.
- **Scott, P.J.** Joint Transplant Education and Research Lecture Series: Recovery Post Liver Transplant: Functional Return over the First 24 Months', Emerson Hall 304 - Invited Presentation, August 21, 2013.

### **External Awards and Appointments**

- **Mary Beth Brown**, PhD, PT, ATC, was selected as a PI mentor for IUPUI's Life Health Sciences Internship Program
- **Peter Altenburger**, PhD, PT, and **Terry Loghmani**, PhD, PT, MTC, CMT, were appointed IUPUI Influencers for the IUPUI Strategic Planning Process
- The IU Student Outreach Clinic was awarded 2013 Governor's Service Award for Service Learning