



SCHOOL OF HEALTH AND REHABILITATION SCIENCES

INDIANA UNIVERSITY
IUPUI

Dean's Update

October 2013 - December 2013

Teaching and Learning

- **Sara Blackburn**, DSc, RD, spoke to the Central Indiana Dietetic Association at their December meeting on the topic of 'Senior Hunger.'
- **Jeffrey L. Crabtree**, MS, OTD, FAOTA, **Fengyi Kuo**, DHS, OTR, CPRP, and **Patricia Scott**, PhD, MPH, OT, FAOTA, presented validation of Peer Evaluation of Teaching (POET) at AOTA/NBCOT Educational Summit on October 4-5, 2013 in Atlanta, GA.
- **Robyn Fuchs**, PhD, gave a two hour instructional course entitled '*Linking Structure and Function: Dosing parameters and protocols for current and novel therapies to improve muscle and bone outcomes in children with cerebral palsy*' at the American Academy of Cerebral Palsy and Developmental Medicine 67th Annual Meeting in October 2013. This course was done in collaboration with her colleagues Noelle Moreau (Assistant Professor, Louisiana State University Health Science Center) and Mary Gannotti (Associate Professor, University of Hartford).
- **Fengyi Kuo**, DHS, OTR, CPRP & **Rachel Tudor**, MSOT, presented '*Riley Child Development Center (RCDC): Leadership Education in Neurodevelopmental and Related Disabilities (LEND) Program*' at the Indiana Occupational Therapy Association (IOTA) Fall Conference on October 26, 2013.
- R. Barton & **Sharon Pape**, MS, OTR, presented '*Occupational Engagement: Weaving Psychological and Social Factors into Everyday Practice*' at the IOTA Fall Conference in Indianapolis, IN, October 26, 2013.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, presented '*Teaching Evidence-Based-Practice: Student Clinician Collaboration to Increase Relevance*', AOTA/NBCOT Education Summit on October 4-5, 2013 in Atlanta, GA.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, & **Thomas Fisher**, PhD, OTR, CCM FAOTA presented '*Curricular Design Connecting Competencies for Research and Clinical Competencies; Maximizing Both*' at the AOTA/NBCOT Education Summit on October 4-5, 2013 in Atlanta, GA.

Research, Scholarship, and Creative Activity

Publications

- **Altenburger PA, Dierks TA, Miller KK, Combs SA, Van Puymbroeck M, Schmid AA.** Examination of sustained gait speed during extended walking in individuals with

chronic stroke. *Archives of Physical Medicine and Rehabilitation*, 2013; 94:2471-2477.

- Wright CJ, Ross SE, **Arnold BL**. (2013). Individuals with Functional Ankle Instability, but not copers, have increased forefoot inversion during walking gait. *Athletic Training and Sports Health Care*, 5, 201-209.
- Wright CJ, **Arnold BL**, Ross SE, Ketchum J, Ericksen J, Pidcoe P. (2013). Clinical exam results in individuals with functional ankle instability and ankle-sprain copers. *Journal of Athletic Training*, 48, 581-589.
- **Fisher T**; Dusick A.: (Oct 2013) Caregiver Perception of Pediatric Multidisciplinary Feeding Outpatient Clinic, *Open Journal of Occupational Therapy*, 2, 12. WMICH: Bepress.
- **Liu CJ**, Rawl, SM, & Yates, KE* (2013). Readability and text cohesion of online colorectal cancer and screening information. *American Medical Writers Association Journal*, 28, 146-151. *student coauthor
- Lewis RD, Laing EM, Hill Gallant KM, Hall DB, McCabe GP, Hausman DB, Martin BR, **Warden SJ**, Peacock M, Weaver CM. A randomized controlled trial of vitamin D3 supplementation in children: dose-response effects on vitamin D metabolites and calcium absorption. *Journal of Clinical Endocrinology and Metabolism* 2013; 98:4816-25.
- **Warden SJ**, Galley MR, Hurd AL, Richard JS, George LA, Guildenbecher EA, Barker RG, **Fuchs RK**. Skeletal Benefits of Mechanical Loading are Maintained Long-Term in Mice Independent of Ovariectomy. *Journal of Bone Miner Research*, November 2013.

Presentations

- **Peter Altenburger, Mary T. Loghmani, Amy Bayliss, Valerie Strunk**. 'Enhancing Student Learning Through Case-Based Curricular Integration.' The Assessment Institute, Indianapolis, IN. October 2013.
- **Peter Altenburger**. 'Programmatic Level Strategic Assessment.' Program Review and Assessment Committee, IUPUI. November 2013.
- **Mary Beth Brown**, PhD, PT, ATC, sponsored a presentation by her Undergraduate Research Opportunities Program (UROP) student TJ Chingombe and her Bridges to Baccalaureate student Angela Pittman at the SHRS Interdisciplinary Research & Educational Conference on October 5, 2013.
- **Mary Beth Brown**, PhD, PT, ATC, sponsored a presentation by her Undergraduate Research Opportunities Program (UROP) student TJ Chingombe and her Bridges to Baccalaureate student Angela Pittman at the 19th annual IU Undergraduate Research Conference in November 2013.
- **Elaine Fess**, P Lui, L Wicks, **Thomas Fisher**, C Brasseur, H Moser, R Simpson, S Weaver. presented 'Influence of Handedness on Grip Strength in Normal Adults' at the American Society for Surgery of the Hand, 68th Annual Meeting, San Francisco, CA on October 5, 2013.
- **Robyn Fuchs**, PhD, gave an invited workshop at Sacred Heart University in West Hartford Connecticut entitled 'Muscle and Bone Structure and Function in Children with Cerebral Palsy: Implications for Physical Therapy Practice' with her colleagues

Noelle Moreau (Assistant Professor, Louisiana State University Health Science Center) and Mary Gannotti (Associate professor, University of Hartford).

- Gannotti M and **Robyn Fuchs**. *'Fighting Osteopenia with Wheelchair Boxing: A Novel Way to Build a Healthier Skeleton'*, demonstration poster, American Academy of Cerebral Palsy and Developmental Medicine 67th Annual Meeting, October, 2013.
- **Michael Justiss**, S Sutter, MS Barrick, CC Bavender, DL Pokorney, AR Smith & K Pritchard. *"The Relationship Between Cognition and Performance of Activities of Daily Living."* Gerontological Society of America (GSA) 66th Annual Scientific Meeting. New Orleans, LA. (Student supported research poster) November 2013.
- **Michael Justiss**, PhD, OTR, sponsored two student posters at the SHRS Interdisciplinary Research & Educational Conference on October 5, 2013.
- **Joyce Mac Kinnon**, EdD, PT, was invited to present on planning strategically for internationalization at the CUT to faculty and students at the Central University of Technology in Bloemfontein, South Africa on October 17, 2013.
- **Kristine Miller**, M van Puymbroeck, E Debaun, **Tracy Dierks**, **Peter Altenburger**, S Combs, R Porter, AA Schmid. *'Therapeutic-Yoga after Stroke: Effect on Walking Recovery.'* 3rd Annual Interdisciplinary Research Day School of Health and Rehabilitation Sciences, October 2013.
- **Niki Munk** & TB Symons. *'Effects of lower limb massage on torque production and neuromuscular response in older adults.'* Poster session for annual meeting of The Gerontological Society of America, New Orleans, LA, November 20-24, 2013.
- **Niki Munk**, PhD, LMT, presented *'Research in Massage Therapy'* at the Occupational Therapy Research Colloquium on Oct. 23, 2014.
- K Bennett, J McElroy, **Niki Munk**, A Johnson. *'Sexual and Gender Minorities and Tobacco: Urban Vs. Non-Urban Patterns in Use and Perspectives on Public Health: Policies.'* North American Primary Care Research Group. Ottawa, Canada, November 9-13, 2013.
- **Sharon Pape**, MS, OTR, had a poster presentation at the SHRS Interdisciplinary Research & Educational Conference on October 5, 2013.
- E Winslow, & **Patricia Scott**. (2013) *'Recovery following complex medical procedures: Evidence for the need for OT services in post-acute care.'* SHRS Interdisciplinary Research Day.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, sponsored 6 student posters at the IOTA conference on October 26, 2013.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, presented *'Multinational Collaboration on Role Checklist Version 2: Quality of Performance'* at the Occupational Therapy Research Colloquium on Oct. 23, 2013.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, sponsored 8 student posters at the SHRS Interdisciplinary Research & Educational Conference on October 5, 2013.
- Three student poster presentations were presented by **DPT** students at the SHRS Interdisciplinary Research & Educational Conference on October 5, 2013.

Civic Engagement

- The Indiana University Student Outreach Clinic (IUSOC) was awarded the 2013 Governor's Service Award for Service Learning in October. School of Health and

Rehabilitation Sciences contributors to the clinic include the Department of Physical Therapy and the Department of Occupational Therapy.

- Dietetic Interns participated in the IU Faculty & Staff Health Fair. Interns presented sessions on the Gluten Free Diet and '*Crock Pot Cooking.*' The session was attended by approximately 50 people. In addition, the interns staffed a booth and provided information on healthy eating and portion control.
- Occupational Therapy students joined the IU Student Outreach Clinic on November 9, 2013 providing OT services on the 2nd Saturdays of each month from August-May.
- **Michael Justiss**, PhD, OTR and **CJ Liu**, PhD, OTR, along with several OT students, participated in the Alzheimer's Walk on October 13, 2013.
- **Gaylen Kelton**, MD, volunteered once a month from Oct-Dec, 2013, at the IU Health Neighborhood Care Clinic.
- **Sharon Pape**, MS, OTR, presented at Parent Weekend at College Internship Program in Bloomington, IN on October 25, 2013.

Best Practices

- The Critically Appraised Papers (CAPs) submitted by OT students Samantha Kolakowski and Anne Listerman were accepted for inclusion in the AOTA Evidence Exchange.
- **Thomas Fisher**, PhD, OTR, CCM FAOTA, presented '*Preparing Practitioners for ACA Implementation*' at the IOTA Conference on October 26, 2013.
- **Robyn Fuchs**, PhD, taught an instructional course at 'Linking Structure and Function: Dosing Parameters and Protocols for Current and Novel Therapies to Improve Muscle and bone Outcomes in Cerebral Palsy' at the American Academy of Physical Therapy, Milwaukee, Wisconsin, October 16-19, 2013.
- **Gaylen Kelton**, MD, was an invited conference speaker to discuss '*Travel Medicine*' at the IAPA statewide conference in Indianapolis, IN on October 2, 2013.
- **Gaylen Kelton**, MD, was an invited conference speaker to discuss '*Evidence Based Prenatal Care*' in Taiyuan, China on December 17, 2013.

External Awards and Appointments

- **Peter Altenburger**, PhD, PT, was elected Chair of the Program Review and Assessment Committee for the IUPUI Campus starting January 2014 through December 2014.
- **Amy Bayliss**, PT, DPT, was appointed to be an Item Writer Coordinator starting January 1, 2014 through December 31, 2016 by the Federation of State Boards of Physical Therapy Board of Directors.
- **Tracy Dierks**, PhD, was appointed as an inaugural member of Board of Advisor's for Performance Science Lab division of St. Vincent Sports Performance.
- **Elaine Fess**, MS, OTR, FAOTA, CHT, was re-elected as Treasurer of the American Hand Therapy Foundation (AHFT) for 2014.
- Co-PIs **Terry Loghmani**, PhD, PT, MTC, CMT, **Peter Altenburger**, PhD, PT, **Valerie Strunk**, MS, PT, and **Amy Bayliss**, PT, DPT, received \$2500 from the Program Review and Assessment Grant Award for their work on '*Translating Classroom Knowledge to*

Entry-Level Clinical Practice Using an Integrated Longitudinal Case-Based Learning Model.'

- **Kristine Miller**, PT, PhD, gave a poster presentation entitled '*Therapeutic yoga after stroke: effect on walking recovery*' that was awarded 2nd place at the 90th Annual Conference of the American Congress of Rehabilitation Medicine on November 12-16, 2013.
- **Patricia Scott**, PhD, MPH, OT, FAOTA, was appointed to the IU Health Transplant Unit Reorganization Committee.