



IUPUI

SCHOOL OF HEALTH
AND REHABILITATION
SCIENCESINDIANA UNIVERSITY
Indianapolis

July - September 2014

Teaching & Learning

- The Dietetic Internship program welcomed the Dietetic Internship Class of 2015 in August. Members of the class are graduates of Indiana University at Bloomington, Purdue University at West Lafayette, University of Southern Indiana, Bowling Green State University in Ohio, University of Vermont, University of Arizona, St. Louis University in Missouri, Lipscomb University in Tennessee, College of St. Benedict of St. John's University in Minnesota, and University of California at Davis.
- **Ashley Jacobs** was selected as the first winner of the Rickard Pediatric Nutrition Award. The award was endowed by Drs. Gene and **Karyl Rickard** to recognize an individual with the potential to make a significant contribution to the profession of nutrition and dietetics in the area of pediatrics. Ms. Jacobs is currently completing her doctorate at Purdue University and is a graduate of the Leadership Education Excellence in Pediatric Nutrition Fellowship and Certificate Program. She is a past president of the Central Indiana District Dietetic Association and past president of the West Florida District of the American Dietetic Association.

Research, Scholarship & Creative Activity

Publications

- **Terry Loghmani, PhD, PT, MTC, CMT**, Shakar JJ, Ploski MR. Graston Technique M1-Basic Training, 4th ed. Graston Technique, LLC, Indianapolis, IN 2014.
- **Terry Loghmani, PhD, PT, MTC, CMT**, Schrader JW, Hammer WI. Clinical Foundations for the Graston Technique. Graston Technique M1-Basic Training Manual. Graston Technique, LLC, Indianapolis, IN 2014.
- **Niki Munk, PhD, LMT**, Boulanger, K. Adaptation of the CARE Guidelines for therapeutic massage and bodywork publications: efforts to improve the impact of case reports. *International Journal of Therapeutic Massage and Bodywork*, 2014;7:32-40.
- Aslaksen AM, **Patricia Scott, PhD, MPH, OT, FAOTA**, Haglund L, Ellingham B, Bonsaksen T. Using the Role Checklist Version 2: quality of performance. *Ergoterapeuten nr 4*, 2014;38-45.
- **Stuart Warden, PhD, PT, FACSM**, Davis IS, Fredericson M. Management and prevention of bone stress injuries in long distance runners. *Journal Orthopaedic Sports Physical Therapy*, 2014;44:749-65.
- Berger PK, Laing EM, Pollock NK, **Stuart Warden, PhD, PT, FACSM**, Hill Gallant KM, Hausman DB, Tripp RA, McCabe LD, McCabe GP, Weaver CM, Peacock M, Lewis RD. Association of adenovirus 36 infection with adiposity and inflammatory-related markers in children. *Journal of Clinical Endocrinology Metabolism* 2014;99:3240-6.
- Firulli BA, **Robyn K. Fuchs, PhD**, Vincentz JW, Clouthier DE, Firulli AB: Hand1 phosphoregulation within the distal arch neural crest is essential for craniofacial morphogenesis. *Development* 2014;141:3050-61.
- Glass SM, Ross SE, **Brent Arnold, PhD, ATC, FNATA**, Rhea CK. Center of pressure regularity with and without stochastic resonance stimulation in stable and unstable ankles. *Athletic Training and Sports Health Care* 2014;6:170-8.
- Hansen MJ, Trujillo DJ, Boland DL, **Joyce L. Mac Kinnon, PhD**. Overcoming obstacles and academic hope: An examination of factors promoting effective academic success strategies. *Journal of College Student Retention* 2014;16:49-71.
- Hill V, **Thomas Fisher, PhD, OTR, CCM, FAOTA**, **Jeffrey L. Crabtree, MS, OTD, FAOTA**, Page S, Schmid A. The relationship between touch sensation of the affected hand and performance of valued activities in individuals with chronic stroke. *Topics in Stroke Rehabilitation* 2014;21:339-346.
- Wright CJ, **Brent Arnold, PhD, ATC, FNATA**, Ross SE, Linens, SW. Recalibration and validation of the Cumberland Ankle Instability Tool cutoff score for individuals with chronic ankle instability. *Archives of Physical Medicine and Rehabilitation* 2014;95:1853-9.

**Research, Scholarship & Creative Activity (cont.)****Presentations**

- **Fengyi Kuo, DHS, OTR, CPRP** presented a poster entitled “Impact of Natural Disaster on Family Quality of Life: Three Years after Hurricane Katrina” at the 16th International Congress of the World Federation of Occupational Therapists (WFOT) in collaboration with the 48th Japanese Occupational Therapy Congress and Expo, Yokohama, Japan on June 19, 2014.
- **Fengyi Kuo, DHS, OTR, CPRP** presented “Impact of Natural Disaster on Childhood Occupation: Katrina’s Kids Program Development and Evaluation” at the 16th International Congress of the World Federation of Occupational Therapists (WFOT) workshop in collaboration with the 48th Japanese Occupational Therapy Congress and Expo, Yokohama, Japan on June 19, 2014.
- **Fengyi Kuo, DHS, OTR, CPRP** gave two presentations entitled “Health Promotion: Occupational Therapy’s Role in A Pediatric Weight Management Program for At-Risk Minority Children” and “Riley Child Development Center (RCDC): Leadership Education in neurodevelopmental and Related Disabilities (LEND) Program” at the Department of Occupational Therapy Chang Gung University, Taoyun, Taiwan on July 3, 2014.
- **Peter Altenburger, PhD, Amy Bayliss PT, DPT, Terry Loghmani, PhD, PT, MTC, CMT, Valerie Strunk, MS, PT, and Amy Watson, SPT.** The use of complex cases to facilitate and assess curricular integration. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Mathews C, Schwipps A, Cardinal C, Peter Altenburger, PhD.** The impact of variable dosage using robotic-assisted task-specific upper extremity training in children with CP. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Peter Altenburger, PhD, Amy Bayliss PT, DPT, Tracy Dierks, PhD, Terry Loghmani, PhD, PT, MTC, CMT, Valerie Strunk, MS, PT, and Amy Watson, SPT.** Bridging the transition from the classroom to the clinic: an application of the integrated longitudinal case-based learning model in developing a cross-curriculum integrative learning opportunity. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Mary Beth Brown, PhD, PT, ATC** mentored the following undergraduates in research activities in her lab resulting in three poster presentations given by R Robinson, TJ Chingombe and R Novack at the Center for Teaching and Learning Research symposium in August 2014.
- **Mary Beth Brown, PhD, PT, ATC** delivered an invited presentation (1 hour) to the Department of Emergency Medicine, IU School of Medicine, at their monthly research didactic meeting.
- **Cruser, S, Hidde, R, Terry Loghmani, PhD, PT, MTC, CMT, Sharon Pape, MS, OTR, Pritchard, K and Yoh, L.** Interprofessional Education and Practice as a Means to Improved Outcomes. Indiana APTA Central District Meeting, September 18, 2014.
- **Cruser, S, Hidde, R, Pritchard, K, Yoh, L, Peter Altenburger, PhD, PT, Sharon Pape, MS, OTR, and Terry Loghmani, PhD, PT, MTC, CMT.** What’s the difference between occupational therapy and physical therapy? How a student-led interprofessional outreach clinic addresses this question. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Tracy Dierks, PhD, Nittoli VC, Schwipps AR, Foster AE.** The association between quality of movement and dynamic stability in high school cross country runners. the 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Nittoli VC, Lawrance SE, Snook EM, Schwipps AR, Tracy Dierks, PhD.** Effectiveness of a multidisciplinary training program for improving elite athlete skills and physical attributes 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Fengyi Kuo, DHS, OTR, CPRP, Koning S, and Fredrick, A.** Healthy Weight Management Assessment of Burmese High School Students attending the Burmese-American Community Institute’s Summer Scholar Program. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Terry Loghmani, PhD, PT, MTC, CMT, Cruser S, Hidde R, Sharon Pape, MS, OTR, Pritchard K, Yoh L.** “What’s the Difference Between Occupational and Physical Therapy?” How a Student-Led Inter-Professional Outreach Clinic Addresses This Question. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Terry Loghmani, PhD, PT, MTC, CMT,** along with **Carolyn Ebbens SPT** and **Melissa McCoy SPT** presented the Impact of Student Engagement in a Free Interprofessional Health Clinic at the Greenwood Rotary Club, September 8, 2014.



Research, Scholarship & Creative Activity (cont.)

Presentations (cont.)

- **Seasly L, Handt R, Terry Loghmani, PhD, PT, MTC, CMT.** Conservative Management of Residual and Phantom Limb Pain: What's the Evidence? 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Niki Munk, PhD, LMT.** Pain Management: What the Research Tells Us – KYPROS and Community Massage Practitioners Delivering Real World Massage in Chronic Low Back Pain Research. Research Pannelist for the Massage Therapy Foundation research track offering at the annual meeting of the American Massage Therapy Association, Denver, CO, September 19, 2014.
- **Niki Munk, PhD, LMT.** Current Research on Massage and Elders. 4-Hour Continuing Education Course on the Research Track - Annual Meeting of the American Massage Therapy Association, Denver, CO, September 20, 2014.
- **Sharon Pape, MS, OTR, Yoh, L, and Koning, S.** Occupational Therapy Services at IU Student Outreach Clinic-Education Opportunities in Primary Care-Applied Learning for Tomorrow's Practice. IU Department of OT Professional Development Workshop-OT and Primary Care: August 15, 2014.
- **Sharon Pape, MS, OTR, Yoh, L, O'Connor, M.** Establishing occupational therapy services at IU Student Outreach Clinic: Learning in the Changing Health Care Market. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.
- **Wei Li, MD, PhD,** Shannon Risacher, PhD and Andrew Saykin, PsyD. APOE, rs10524523 and age at onset for both Alzheimer's disease and mild cognitive impairment. 4th Annual SHRS Interdisciplinary Research and Education Conference, IUPUI, September 26, 2014.

Video/Audio Podcasts, Blogs, and Other Contributions

- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, Sept 24). Research Perch 12: Are personal characteristics of massage therapists associated with their clinical, education, and interpersonal behaviors? [Audio & Video podcast]. <http://info.massagetherapyfoundation.org/blog/bid/354845/Are-personal-characteristics-of-massage-therapists-associated-with-their-clinical-educational-and-interpersonal-behaviors-Research-Perch>.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, Sept 10). Research Perch 11: Massage Therapy for Lyme Disease Symptoms: a Prospective Case Study. [Audio & Video podcast]. <http://info.massagetherapyfoundation.org/blog/bid/354844/Massage-Therapy-for-Lyme-Disease-Symptoms-a-Prospective-Case-Study-Research-Perch>.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, Aug 27). Research Perch 10: Assessing the Effectiveness of Massage Therapy for Bilateral Cleft Lip Reconstruction Scars. [Audio & Video podcast]. <http://info.massagetherapyfoundation.org/blog/bid/353102/Assessing-the-Effectiveness-of-Massage-Therapy-for-Bilateral-Cleft-Lip-Reconstruction-Scars-Research-Perch>.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, Aug 13). Research Perch 9: The Effects of Massage Therapy after Decompression and Fusion Surgery of the Lumbar Spine: a Case Study. [Audio & Video podcast]. <http://info.massagetherapyfoundation.org/blog/bid/353097/The-Effects-of-Massage-Therapy-after-Decompression-and-Fusion-Surgery-of-the-Lumbar-Spine-a-Case-Study-Research-Perch>.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, July 30). Research Perch 8: The Intersection of Massage Practice and Research: Community Massage Therapists as Research Personnel on an NIH-funded Effectiveness Study. [Audio & Video podcast]. http://info.massagetherapyfoundation.org/blog/bid/352140/the-intersection-of-massage-practice-and-research-community-massage-therapists-as-research-personnel-on-an-nih-funded-effectiveness-study-research-perch?source=Blog_Email_%5bThe%20Intersection%20of%20%5d.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, July 16). Research Perch 7: Massage therapy and labor outcomes: A Randomized Controlled Trial. [Audio & Video podcast]. http://info.massagetherapyfoundation.org/blog/bid/349921/massage-therapy-and-labor-outcomes-a-randomized-controlled-trial-research-perch?source=Blog_Email_%5bMassage%20Therapy%20and%20%5d.
- **Niki Munk, PhD, LMT,** Reynolds, M, Werner, R. (Narrators). (2014, July 2). Research Perch 6: Correlates of injury-forced work reduction for massage therapists and bodywork practitioners. [Audio & Video podcast]. http://info.massagetherapyfoundation.org/blog/bid/349918/correlates-of-injury-forced-work-reduction-for-massage-therapists-and-bodywork-practitioners-research-perch?source=Blog_Email_%5bCorrelates%20of%20Injury%5d.



Civic Engagement

- **Gaylen M. Kelton, M.D., FAAFP** participated on September 11, 2014 in the Indiana AHEC Network Statewide Advisory Board Meeting.
- **Crystal Massie, PhD, OTR** volunteered at the 6th Annual IUPUI Regatta, September 20, 2014.
- **Sharon Pape, MS, OTR, L. Yoh, H. Grove, & S. Koning** (OT Class of 2015) participated in IUSOC Open House on August 23, 2014.
- **Patricia Scott, PhD, MPH, OT, FAOTA** served as a judge at the 6th Annual IUPUI Regatta on September 20, 2014.
- **Michele Schultz, MS, PA-C** participated in an Indiana Access to Care Coalition meeting to bring medical providers and community leaders together to identify common goals and areas in which Advanced Practice Providers can work more cohesively to address the health care needs of Indiana.
- **Michele Schultz, MS, PA-C** met with attorney Scott Gartenman, the FSSA Provider Relations Manager to discuss new Medicaid provider relations initiatives for Physician Assistants in Indiana.
- Dietetic Interns **Lindsey Weber, Shelby Johnson, and Stephanie Coward** volunteered to assist at the Fuel Up and Play 60 Fall Festival on September 23, 2014, held at the Colt's Complex in Indianapolis.

Best Practices

- **Amy J Bayliss, PT, DPT** and **Rebecca Porter, PT, PhD**, in association with the Federation of State Boards of Physical Therapy (FSBPT), coordinated a Indianapolis Regional Workshop in Basic item Writing August 15th-17th, 2014.
- **Patricia Scott, PhD, MPH, OT, FAOTA**, Linda Sweigart, MSN, APRN Ball State University; Rachel A. Umoren, MD, MS, IU Health Ball Memorial Hospital & Clinical Pediatrics IU School of Medicine; and Evalyn J. Gossett MSN, RN, Indiana University Northwest presented their ongoing work with InterProfessional Learning in a 3-D virtual world to the Teach the Teacher Conference for Health Educators, at Methodist Hospital, on August 7, 2014.

External Awards and Appointments

- **Patricia Scott, PhD, MPH, OT, FAOTA** was appointed to the IUPUI Mentoring Initiative Committee.
- **Stuart Warden, PT, PhD, FACSM** was invited and agreed to serve on the editorial board of the Journal of Bone and Mineral Research.
- **Stuart Warden's, PT, PhD, FACSM** and **Robyn Fuchs', PhD** work on the lifelong skeletal benefits of exercise during growth and subsequent paper in the Proceedings of the National Academy of Sciences was the feature of an editorial in the Journal of Experimental Biology.

Grants

- **Mary Beth Brown, PhD, PT, ATC** received a one year internal grant for \$74,961: IU-CTSI Collaboration in Translational Research proposal titled "Exercise to attenuate right ventricular damage after pulmonary embolism" as co-PI.
- **Mary Beth Brown, PhD, PT, ATC** received an internal grant from the Center for Research and Learning's Multidisciplinary Undergraduate Research Internship (MURI) program to fund four students in her lab (and in co-mentor's lab, T. Lahm, SoM) for the 2014-2015 Academic Year.
- **Mary Beth Brown, PhD, PT, ATC** received an internal grant from the Life Health Science Institute (LHSI) to fund one student in her lab for the 2014-2015 Academic Year.
- **Terry Loghmani, PT, PhD, and Crystal Massie, PhD, OTR** received IUPUI EMPOWER Grants.