



IUPUI

SCHOOL OF HEALTH  
AND REHABILITATION  
SCIENCESINDIANA UNIVERSITY  
Indianapolis

October - December 2014

## Teaching & Learning

- Dietetic Internship Class 2014 scored a 100% first time passing rate on the Registration Examination for Dietitians.
- **Fengyi Kuo, PhD, OTR.** Occupational therapy and transition services for adolescents and adults with autism. Annual conference of Indiana Association of Behavior Consultants (INABC). October 24, 2014.
- **Sharon Pape, MS, OTR.** Transformative learning in fieldwork. Presentation at IOTA Fall Conference. (In collaboration with the Indiana Fieldwork Consortium: Brown Mackie Indianapolis, University of Indianapolis, Indiana State University and University of Southern Indiana). November 15, 2014.
- **Sharon Pape MS, OTR, L Yoh (MSOT Student), S Koning (MSOT Student).** Establishing OT services at the IU student outreach clinic. Jefferson Center for Interprofessional Education. Philadelphia, PA, Thomas Jefferson University. October 12, 2014.
- **Patricia Scott, PhD, MPH, OT, FAOTA.** Hosted a meeting of the International Alliance for the Study of Role Participation November 12-14, 2014.
- **Lindsey Weber (Dietetic Intern), Audrey Dubord (Dietetic Intern).** Balance your life with produce. Presented to the School of Medicine Student Wellness Committee.

## Research, Scholarship & Creative Activity

### Publications

- **Avin KG,** Bloomfield SA, Gross TS, **Warden SJ.** Biomechanical aspects of the muscle-bone interaction. *Current Osteoporosis Reports* 2015;13:1-8.
- Zaretsky DV, **Brown MB,** Zaretskaia MV, Durant PJ, Rusyniak DE. The ergogenic effect of amphetamine. *Temperature* 2014;1(3):242-247.
- Meijome TE, Hooker RA, Cheng YH, Walker W, Horowitz MC, **Fuchs RK,** Kacena MA. GATA-1 deficiency rescues trabecular but not cortical bone in OPG deficient mice. *Journal Cellular Physiology* 2015;230(4):783-790.
- **Liu CJ,** William A. Factors related to understanding a 3D diabetes educational video in seniors: What matters? *Journal of Visual Communication in Medicine* 2014;37:65-73.
- **Liu CJ,** Shiroy DM, Jones LY, Clark DO. Systematic review of functional training on muscle strength, physical functioning, and activities of daily living in older adults. *European Review of Aging and Physical Activity* 2014;11:95-106.
- Hansen MJ, Trujillo DJ, Boland DL, **Mac Kinnon J.** Overcoming obstacles and academic hope: an examination of factors promoting effective academic success strategies. *Journal of College Student Retention* 2014;16:49-71.
- Elder WG, **Munk N.** Identifying pragmatic characteristics: Application of PRECIS criteria to an innovative PBRN study of health-related outcomes for chronic low back pain patients receiving alternative therapies. *Journal of the American Board of Family Medicine* 2014;27(6):846-854.
- **Munk N,** Lowe W. This issue's Trigger Points call for discussion: Hypertonicity of the quadratus lumborum muscle. Editorial. *International Journal of Therapeutic Massage & Bodywork* 2014;7(4):2.
- **Thompson WR,** Yen SS, Rubin J. Vibration therapy: clinical applications in bone. *Current Opinion in Endocrinology, Diabetes and Obesity* 2014;21(6):447-53.

### Presentations

- **Peter Altenburger, PT, PhD, M. Terry Loghmani, PT, PhD,** Hatcher J, Norris K. "Assessing the Influence of Participation in a Student-Led Inter-Professional Community Outreach Clinic." The Assessment Institute. Indianapolis. October 20, 2014.
- **Mary Beth Brown, PT, PhD.** "Novel assessment of pulmonary and systemic pressures during treadmill testing via implantable telemetry in a rat model of pulmonary arterial hypertension." American Heart Association's Annual Scientific Sessions. Chicago, IL. November 2014.
- **Crystal Massie, PhD, OTR.** Invited speaker at the University of Lethbridge as part of the distinguished alumni series. November 28, 2014.
- **Gaylen Kelton, MD.** Invited speaker at a medical conference at the Chongqing Huaxi Maternity Hospital, China, November 1, 2014. Topics included emergencies and evidenced based care.



## Research, Scholarship & Creative Activity (cont.)

### Presentations (cont.)

- **Gaylen Kelton, MD.** Invited speaker at medical conference in Yibin, China. Topics included primary care and EBM. October 29, 2014.
- **Valerie Strunk, PT, MS.** Presentation at Clinical Instructor Credentialing Course at the University of Saint Francis in Fort Wayne, Indiana. Forty five physical therapists attended the course.

### Abstracts

- Romito L, Jackson R, Maxwell L, Clark C, Hendricks S, Townsend B, Mueller M, Poore J, McCabe H, **Kelton GM.** Developing team communication skills in a fast-paced interprofessional learning activity. Abstract accepted for upcoming conference for Collaborating Across Borders V. Roanoke, VA.

### Poster Sessions

- **Augustine Agho, PhD,** Almutairi KM. "Allied health education in the middle east and gulf states countries." The annual meeting of the Association of Schools of Allied Health Professions, Las Vegas, NV, November 2014.
- Scheidler C, Lopes E, **Ryan Cardinal, DPT, PT, Peter Altenburger, PT, PhD.** "The ankle-Foot orthosis footwear combination. Indiana APTA State Conference." Indianapolis, IN. October 4, 2014.
- **Jeffrey Crabtree, MS, OTD, FAOTA.** Poster presented at INOTA Conference November 2014.
- **S Crusier (DPT Student), R Hidde (DPT Student), Sharon Pape, MS, OTR, K Pritchard (MSOT Student), L Yoh (MSOT Student), M. Terry Loghmani, PT, PhD.** "What's the difference between occupational and physical therapy? How a student-led inter-professional outreach clinic addresses this question." Indiana APTA State Conference, Indianapolis. October 4, 2014.
- **Chung-ju Liu, PhD, OTR,** Clark D, Jones L, Gutierrez A. "Feasibility of 3-step workout for life program to decrease ADL disability in vulnerable elderly." The 67<sup>th</sup> annual scientific meeting of the Gerontological Society of America, Washington DC. November 2014.
- **Crystal Massie, PhD, OTR,** Kantak SS, Narayanan P, Wittenberg GF. "Neuroplasticity within repetitive robotic arm training changes with age." Program No. 542.25. Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience, 2014.
- **L Seasley (DPT Student), R Handt (DPT Student), M. Terry Loghmani, PT, PhD.** "Conservative management of residual and phantom limb pain: what's the evidence?" INAPTA State Conference, Indianapolis, October 4, 2014.
- **Valerie Strunk, PT, MS, Peter Altenburger, PT, PhD.** "The impact of integrated clinical education on confidence scores in novice physical therapy students." Educational Leadership Conference, APTA Kansas City, Missouri. October 11, 2014.
- **A Watson (DPT Student), Peter Altenburger, PT, PhD, Amy Bayliss, DPT, PT, M. Terry Loghmani, PT, PhD, Valerie Strunk, PT, MS.** "The use of complex cases to facilitate and assess curricular integration." Indiana APTA State Conference, Indianapolis. October 4, 2014.
- **A Watson (DPT Student), Peter Altenburger, PT, PhD, Amy Bayliss, DPT, PT, Tracy Dierks, PhD, Valerie Strunk, PT, MS, M. Terry Loghmani, PT, PhD.** "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." Indiana APTA State Conference, Indianapolis. October 4, 2014.
- **A Watson (DPT Student), Peter Altenburger, PT, PhD, Amy Bayliss, DPT, PT, M. Terry Loghmani, PT, PhD, Valerie Strunk, PT, MS.** "The use of complex cases to facilitate and assess curricular integration." APTA Educational Leadership Conference, Kansas City, Missouri. October 11, 2014.

### Video/Audio Podcasts, Blogs, and Other Contributions

- Chandler C, **Munk N,** Werner R, Whitridge P. Journal Club Fundamentals [Webinar] In Back to School: Gearing up with Research & Evidence Series. Presented by the Project to Enhance Research Literacy (PERL) from the Center for Optimal Integration: ACCAHC. Available at <http://www.optimalintegration.org/events/perl/webinar-2014-12-02-journal-club-fundamentals.php>. December 2, 2014.
- **Munk N,** Reynolds M, Werner R. (Narrators). Research Perch 15: Treatment of Lateral Knee Pain Using Soft Tissue Mobilization in Four Female Triathletes [Audio & Video podcast]. Available at <http://info.massagetherapyfoundation.org/blog/bid/358021/Treatment-of-Lateral-Knee-Pain-Using-Soft-Tissue-Mobilization-in-Four-Female-Triathletes-Research-Perch>. December 17, 2014.



## Research, Scholarship & Creative Activity (cont.)

### Video/Audio Podcasts, Blogs, and Other Contributions (cont.)

- **Munk N**, Reynolds M, Werner R. (Narrators). Research Perch 14: Adaptation of the CARE Guidelines for Therapeutic Massage and Bodywork Publications: Efforts To Improve the Impact of Case Reports [Audio & Video podcast]. Available at <http://info.massagetherapyfoundation.org/blog/bid/358020/Adaptation-of-the-CARE-Guidelines-for-Therapeutic-Massage-and-Bodywork-Publications-Efforts-To-Improve-the-Impact-of-Case-Reports-Research-Perch>. December 3, 2014.
- **Munk N**, Reynolds M, Werner R. (Narrators). Research Perch 13: Exploring the Nature of Therapeutic Massage Bodywork Practice [Audio & Video podcast]. Available at <http://info.massagetherapyfoundation.org/blog/bid/358019/Exploring-the-Nature-of-Therapeutic-Massage-Bodywork-Practice-Research-Perch>. November 10, 2014.

### Civic Engagement

- The Dietetic Internship Class of 2015 participated in the annual IUPUI Health Fair. Interns presented two food demonstrations—"Crockpot Cooking: Preparation of Chicken Enchiladas" and "Making Granola and Granola Parfaits". Interns manned two booths during the health fair—one devoted to My Plate with an emphasis on fruits and vegetables and the second devoted to promoting balance and portion control. All activities featured recipes, menus and a selection of nutrition and food related handouts. All internship activities were well attended. Handouts from the Health Fair are posted at <http://shrs.iu.edu/academics/nutrition-dietetics/index.html>.
- OT Service with IUSOC increased to twice a month beginning October 2014.
- As part of PT Month, IU DPT Classes of 2015, 2016, & 2017, faculty and staff donated 454 items to the Hawthorne Community Center Food-bank as part of a food drive during the month of October.
- As part of PT Month, IU DPT students and faculty participated in the annual IUPUI Health Fair, performing 100+ balance screenings throughout the day.
- As part of PT Month, IU DPT students organized and conducted the inaugural PT Olympics, with the PT Class of 2016 taking 1<sup>st</sup> place.

### Best Practices

- **Dr. Patricia Scott** established guidelines for functional performance for persons with hepatic encephalopathy pre-liver transplantation.

### External Awards and Appointments

- In October, **Abbey Fleck (MPAS student)**, **Olivia Hamilton-Wells (MPAS student)** and **Lauren Sterrett (MPAS student)** participated in the First Annual Indiana Academy of Physician Assistants Student Challenge Bowl and earned a second-place finish.
- **Thomas Fisher, PhD, OTR, CCM, FAOTA** was nominated as the Chairperson of the Academic Leadership Council for AOTA.
- **Thomas Fisher, PhD, OTR, CCM, FAOTA** received the 2014 Outstanding OT of the Year Award at the Annual IOTA Conference.
- **Robyn Fuchs, PhD** was selected to be a member of the Young Investigator Subcommittee for the American Society of Bone and Mineral Research.
- **Robyn Fuchs, PhD** was awarded Best Clinical Poster at the 6<sup>th</sup> Annual Indiana Center for Translation Research Meeting for her work with bone health in children with cerebral palsy.
- **Chiung-ju Liu, PhD, OTR** received the Fellow Status of the Gerontological Society of America.
- **Holly Moran (Dietetic intern)** was named the 2014 winner of the Arlene Wilson Dietetic Fellowship. Holly graduated with Highest Distinction from Purdue University with an overall GPA of 3.99.