



IUPUI

SCHOOL OF HEALTH
AND REHABILITATION
SCIENCESINDIANA UNIVERSITY
Indianapolis

January - March 2014

Teaching & Learning

- **Peter Altenburger**, PT, PhD, provided a one hour workshop on “Effective Search Strategies for Assessing the Evidence” to IU Health Rehabilitation Service.
- **Amy Bayliss**, PT, DPT, provided a lecture on “Evidence based evaluation & treatment of the SI joint” to the physical therapy staff at Eskenazi Health.
- **Robyn Fuchs**, PhD, presented with several colleagues on “Linking Structure to Function: Muscle, Bone and Brain”, a full-day course at the Ohio Physical Therapy Association Annual Conference.
- **Kathryn Banas**, SPT, **Maggie Cappel**, SPT, **Terry Loghmani**, PT, PhD, presented a lecture on the learning objectives for the Indiana University Physical Therapy Student Outreach Clinic at the Indiana American Physical Therapy Association Central District Meeting.
- **Valerie Strunk**, PT, co-taught a Clinical Instructor Credentialing Course to a national audience through the APTA on March 19 and 20, 2014 at the University of Indianapolis. The course produced 40 newly credentialed PT and PTA clinical instructors, and 3 OTs successfully completed the education portion of the course.
- **Wei Li**, MD, PhD, presented a lecture on plant toxicology to graduate students in the IU School of Medicine, February 24, 2014.

Research, Scholarship & Creative Activity

Publications

- Kolobe TH, Christy JB, Gannotti ME, Heathcock JC, Damiano DL, Taub E, Majsak MJ, Gordon AM, **Fuchs RK**, O’Neil ME, Caiozzo VJ; Research Summit III Proceedings on Dosing in Children With An Injured Brain or Cerebral Palsy. *Physical Therapy*. 2014 February 13. [Epub ahead of print]
- **Liu, CJ**, Stump, TE, Ambuehl, R, & Clark, DO. (2014). Utilization of occupational and physical therapy services in postacute care: Findings from the 2006 Health and Retirement Study and linked Medicare claims data. *Physical and Occupational Therapy in Geriatrics*, 32, 85-96.
- **Liu, CJ**, Rawl, SM, & Yates, KE. (2014). Letter to the Editor. *American Medical Writers Association Journal*, 29, 48.
- **Scott PJ**, McFadden, R, Yates, K, Baker, S, McSoley, S. (2014) The Role Checklist Version 2: Quality of Performance: Reliability and validation of electronic administration. *British Journal of Occupational Therapy* 78 (2).
- **Li, W**, “A Broadly Implementable Research Course in Phage Discovery and Genomics for first-year Undergraduate Students,” *MBio*. 2014 February 4;5(1). pii: e01051-13. doi: 10.1128/mBio.01051-13.

Presentations

- **Lydia George**, DPT, PT, **Kathryn Banas**, SPT, Sara Bemenderfer, SPT, **Chelsea Bird**, DPT, PT, **Maggie Cappel**, SPT, Micaela Hornstein, SPT, Stephanie Kelly, PT PhD, James Bellew, PT, EdD, **Peter Altenburger**, PhD, PT, **Terry Loghmani**, PT, PhD, presented “Impact of student engagement in a free interprofessional health clinic” at the American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- **Mary Beth Brown**, PT, PhD, “A novel method for study of epithelial transport in living human tissue: 2-photon microscopy of sweat glands in fresh skin biopsies” an invited presentation to the Department of Nephrology, IU School of Medicine, Research Seminar.



Research, Scholarship & Creative Activity (Cont.)

Presentations (Cont.)

- **Mary Beth Brown**, PT, PhD, *Jacob Crist*, SPT, Richard Gaidoo, Nathaniel Little, Amanda Fisher, Robert Presson, Tim Lahm, and Irina Petrache, "Six weeks of treadmill training at mild relative intensity attenuates disease progression in a rat model of pulmonary arterial hypertension", American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- **Ryan Cardinal**, DPT, *Sara Gleason*, SPT, *Maggie Cappel*, SPT, **Robyn Fuchs**, PhD, **Peter Altenburger**, PT, PhD, "Robotic-assisted locomotor training for a four-year-old child with CP emphasizing intensity and cognitive engagement", American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- **Robyn Fuchs**, PhD, presented with her colleagues Noelle Moreau and Mary Ganotti the topic of dosing in children with cerebral palsy at the American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- **Patricia J Scott**, PhD, MPH, OT, FAOTA traveled to the University of Zurich to lecture and consult on International research project, March 18-22, 2014.
- **Wei Li**, MD, PhD, poster presentations "Identification of Novel Genes and Epigenetic Mechanisms in C. elegans Models of Idiopathic Parkinson's Disease" and "The Putative Multidrug Resistance Protein MRP-7 Inhibits Methylmercury-associated Animal Toxicity and Dopaminergic Neurodegeneration in Caenorhabditis Elegans", 53rd annual Society of Toxicology meeting, Phoenix, AZ, March 23-27, 2014.
- **Terry Loghmani**, PT, PhD, "Update on Graston Technique® Research", Community Hospital OT/PT Department, Indianapolis, IN, February 26, 2014.
- *Carolyn Ebbens*, SPT, *Hilary Nuest*, SPT, *Caitlin Stevenson*, SPT, Kristin Norris, **Terry Loghmani**, PT, PhD, **Peter Altenburger**, PT, PhD, "Changes in Professional and Community Perceptions Following Physical Therapy Graduate Student Participation in a Student Led Inter-professional Outreach Clinic", American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- *Natalie Kowalinski*, SPT, *Laura Heckroth*, SPT, **Stuart Warden**, PT, PhD, **Amy Bayliss**, PT, DPT, "Ultrasound imaging for measuring the material and mechanical properties of the Achilles tendon: inter-day reliability and correlation with a functional calf length test" American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.

Civic Engagement

- **Thomas Fisher**, PhD, OTR, CCM FAOTA, testified for the Indiana OT Association regarding the OT scope of practices in the House of Representatives in January & again in the Senate during February 2014.
- **Gaylen Kelton**, MD, served as Physician for the Day at the Indiana Statehouse, in association with the IAFP, and the IU Family Medicine Residency, precepting Josh Krumenacker, MD, PhD, on January 29, 2014.

Best Practices

- **Tracy Dierks**, PhD, is serving as the lead researcher for St. Vincent study titled "Development of an overall fitness assessment tool to guide program development for Special Olympic athletes."
- **Terry Loghmani**, PT, PhD, attended the IUSOC Semi-Annual Partners Retreat at Butler University.
- **Sharon Pape**, MS, OTR, led an education session on fieldwork supervision requirements and strategies for Community Hospital North Occupational Therapy Department, March 28, 2014.
- **Patricia J Scott**, PhD, MPH, OT, FAOTA, has included Riley therapists in student/clinician collaboration for evidence reviews of clinical practice questions with Eskenazi Health and IU Health.



External Awards and Appointments

- **Peter Altenburger**, PT, PhD, was invited to be a participant in the rehabilitation technology subgroup for the APTA FIRST (Frontiers in Rehabilitation Science and Technology) Initiative.
- **Mary Beth Brown**, PT, PhD, received an award from the APTA, Cardiopulmonary Section: Best Research Poster at the American Physical Therapy Association Combined Sections Meeting, Las Vegas, NV, February 2014.
- **Mary Beth Brown**, PT, PhD, received the CRL's Undergraduate Research Opportunities Program (UROP) award for the summer 2014 to fund undergraduate student Rachel Novack for full-time work in her lab this summer.
- **Tracy Dierks**, PhD, was awarded \$12,000 from St. Vincent Health to study 'Retrospective review of the relationship between early season screening assessments and both injury risk and sports performance in high school athletes.'
- **Wei Li**, MD, PhD, member, Editorial Board for Journal of Exercise, Sports and Orthopedics, January 17, 2014.
- **CJ Liu**, PhD, OTR, received \$187,542 from the Retirement Research Foundation over two years. She will study an intervention program developed to maintain independence at home for seniors.
- **Patricia J Scott**, PhD, MPH, OT, FAOTA received a Research Support Funds Grant (RSFG) in the amount of \$9,966 from IUPUI Office of the Vice Chancellor of Research.
- **Patricia J Scott**, PhD, MPH, OT, FAOTA received \$2,500 to attend World Federation of Occupational Therapy in Japan.
- **Patricia J Scott**, PhD, MPH, OT, FAOTA was awarded \$7,410 by the Transplant Foundation Inc. for a feasibility study entitled "Supplemental Support for Phase III: Translation of data into patient education materials."
- **Patricia J Scott**, PhD, MPH, OT, FAOTA, was invited to sit on the University Signature Center Review Committee.