



## Dean's Quarterly Updates

October - December 2016

### Student Learning and Success

#### Undergraduate Student Learning and Success

- **Amber Comer** began working with Kylie Coduti\* on a stroke research study which examines the effect of a stroke paging system on acute stroke care at Eskenazi Hospital; and Makayla Culbertson\* on an infectious disease research study which examines the variance in hospital acquired infections between several hospitals in the Indianapolis area; and Brittney Rollins\* on an ethics study which measures the effect of undergraduate bioethics education on students' moral reasoning and judgement.
- IUPUI's Center of Teaching and Learning provided formal teaching evaluation for **Niki Munk's** W220s Aging and the Older Adult course via observation and student focus groups.
- **Niki Munk's** undergraduate student intern, Trevor Foote\* submitted *Examining the efficacy of applied manual and cupping therapy for abdominopelvic visceral fascial adhesion related pain as a viable solution to inaccessibility of cannabis based pain management: A Prospective Case Report* to the Massage Therapy Foundation's Practitioner Case Report Contest.
- **Tim Scully** assisted Madison Reidford\* on her interviewing skills for graduate school admission. Madison was admitted to the SHRS PT program.
- **Tim Scully** helped plan a Community Health Shadowing Lab for undergraduate Pre-PT and Pre-OT students at the University of Indianapolis' Community Health Pavilion on October 22, 2016.

#### Graduate and Graduate Professional Education

- The **Department of Nutrition & Dietetics** announced that Emily Strauss\*, dietetic intern class of 2017 is the winner of the Arlene Wilson Fellowship.
- Doctoral student Sarah Shue\* successfully completed her qualifying exam and has elevated to candidate status. She is supported by the Block Grant and works in **Niki Munk's** Therapeutic Massage and Bodywork Outcomes Lab.
- **Niki Munk** was invited to present in **Chiung-Ju Liu's** T662: Occupations of Adults and Older Adults course about massage and chronic pain.
- Four **Physician Assistant** students - James Millward\*, Taylore Grimm\*, Adam Behlmer\*, Lauren Leniart\* - competed in the 3<sup>rd</sup> Annual Indiana Academy of Physician Assistants Challenge Bowl and placed in a respectable 2<sup>nd</sup> place. The IU MPAS program faculty member, **Michele Schultz**, served as the faculty advisor to the students and prepared them for a challenging competition.

#### Online Education

- **Niki Munk's** online W375 Physical Change and Aging course completed a formal full-course evaluation from IUPUI's Center for Teaching and Learning with recommendations and feedback implemented in the Spring 2017 course offering.

#### Enrollment Management

- **Tim Scully** and **Ashley Burelison** hosted an SHRS information table at Major Career Information Day in the Campus Center on October 4, 2016.
- **Deanna Hart** has been appointed to serve on the IUPUI Council for Student Affairs.
- **Deanna Hart** is SHRS representative to IUPUI Undergraduate Recruiters and the IUPUI Graduate Recruitment Council.
- **Deanna Hart** represented SHRS programs at the Ball State Graduate School Expo in October.
- **Deanna Hart** organized a series of events with SHRS faculty & staff for prospective PT students as part of the IUPUI Graduate Office's "Getting You Into IUPUI" event in October.
- **Deanna Hart** assisted with annual IUPUI Graduate Office's "Graduate School Boot Camp" event in October.
- **Deanna Hart** presented at the IUPUI Homeschool JagDay.
- **Deanna Hart** and **Jordan Jones** participated in IUPUI Fall Fest by presenting about SHRS degree programs.
- **Deanna Hart** and Renee Akins coordinated an admissions presentation for SHRS & School of Medicine to IUPUI freshman and sophomores.
- **Deanna Hart** represented SHRS at the IUPUI Honors Jag Day Luncheon for undergraduate students admitted to IUPUI Honors College in November.
- **Deanna Hart** made presentations to the Pre-PA, Pre-OT and Pre-PT Clubs at IU-Bloomington and IUPUI in November.
- **Deanna Hart** presented at the Health Science JagDay to high school juniors and seniors during an IUPUI organized visit.
- **Deanna Hart** and **Brenda Lawless** collaborated with IUPUI Undergraduate Admissions Office to develop email campaigns for prospective students and to welcome newly admitted BSHS students.



## Dean's Quarterly Updates

### Advances in Health and Life Sciences

#### Research and Creative Activity

##### Abstracts

- **Comer AR.** What Do You Mean I Cannot Consent for My Grandmother's Medical Procedure? Understanding Indiana's Health Care Consent Law. November 2, 2016.

##### Grants

- **Comer AR.** \$2,000 award for funded seminar: Sponsored by the Indiana University Consortium for the Study of Religion, Ethics, and Society from the Executive Committee of the Consortium for the Study of Religion, Ethics, and Society funded seminar on Religion, Spirituality, Healthcare, and Ethics, and a \$2500 award from the IU Vice President for Research for Speed Networking Seed Fund. Total funding: \$4,500.
- **Liu CJ (PI).** Translating 3-Step Workout for Life into the senior living communities. Indiana Clinical and Translational Sciences Institute (Community Health Engagement Program). Total funding: \$25,000.
- **Massie C. (PI)** and **Altenburger P. (Co-PI)**, "Clinical implementation and outcomes of upper-extremity rehabilitation robotics," Sponsored by IUPUI OVCR. Total funding: \$35,000.

##### Poster Sessions

- **Allen M, Voytek M.** "Perceptions of Students and Faculty of Compressed Courses: A Pilot Study". Indiana Occupational Therapy Association, 2016 Annual State Conference, November 5, 2016. Indianapolis.
- **Avin KG,** Chen NX, Moe SM, Allen MR, Organ JM. Aerobic Exercise Altered the Regenerative Profile and Myostatin Expression in a Rat Model of Chronic Kidney Disease. American Society of Nephrology, November 17-20, 2016. Chicago, IL.
- Block H, Mirdamadi JL, Ryckman S, Lynch A, Wilson R, Udayan D, and **Massie C.** A tablet-based tool for accurate measurement of hand proprioception after stroke. Program No. 521.19. Neuroscience Meeting Planner. San Diego, CA: Society for Neuroscience, 2016.
- **Brown MB,** Neves E, Long G\*, Kline J. Abstract 19716: A High Intensity Interval Training Protocol is Not Better Than Customary Continuous Exercise for a Rat Model of Chronic Thromboembolic Pulmonary Hypertension. Circulation 134: A19716-A19716, 2016. Poster at the American Heart Association's annual Scientific Sessions meeting. November 2016. New Orleans, LA.
- Neff B, Rupert K, Jawed YT, Beli E, Grant M, March KL, Kaleth AS, **Loghmani MT.** Whole-body vibration training in healthy males promotes stem/progenitor cell circulation and decreased inflammation levels. 5th Annual Symposium on Regenerative Rehabilitation. Emory University, October 14-16, 2016, Atlanta, GA.
- **Pape S,** Tom L\*, McGill M\*, Cruser S\*, Hidde R\*, Enochs H\*, **Loghmani MT.** What's the Difference Between Occupational Therapy and Physical Therapy? How a Student-Led Interprofessional Outreach Clinic Addresses This Question. Indiana Occupational Therapy Association, 2016 Annual State Conference, November 5, 2016. Indianapolis.

##### Presentations

- **Allen M,** Ware T. Interprofessional Education Session for second year OT students and third and fourth year dental students focusing on introduction to collaboration in pediatric care. November 8, 2016.
- **Blackburn S.** "Microbiome and Diabetes" Indiana Chapter of the American Diabetes Educators, November 11, 2016.
- **Comer AR.** Understanding Indiana's HealthCare Consent Law at the Indianapolis Bar Association 2016 Health Law Symposium, November 2, 2016.
- **Comer AR.** Determining Medical Decision Making Capacity. Invited Lecture at Eskenazi Health Grand Rounds.
- **Fess E.** Orthosis Classification According to ESCOPDEX Taxonomy: Are There Predictable Diagnosis-Specific Patterns to Orthotic Intervention? Paper presented at the American Society for Surgery of the Hand, Austin, TX, October 2016.
- **Liu CJ,** Clark D, Xu H. Reducing ADL disability in vulnerable elders: Findings from a pilot comparative trial. The 69th annual scientific meeting of the Gerontological Society of America, New Orleans, LA, November 2016.
- **Loghmani MT.** Soft Tissue Mechanotherapy: Don't Just Sit There, Move! Indiana Center for Vascular Biology and Medicine, Cryptic Masons Medical Research Foundation Annual Symposium. IUPUI, September 30, 2016.
- **Scully T.** How to make your RISE experience work for you. IUPUI Rise Day, November 4, 2016.
- **Warden ST.** Invited keynote speaker at the 5<sup>th</sup> Annual Symposium on Regenerative Rehabilitation. Primer on Mechanotherapy and Mechanobiology. Atlanta, GA. October 15, 2016.



## Dean's Quarterly Updates

### Advances in Health and Life Sciences

#### Research and Creative Activity (cont.)

##### Publications

- Brown T, **Crabtree JL**, Mu K, Wells J. The entry-level occupational therapy clinical doctorate: the next education wave of change in Canada? *Can J Occup Ther* 2016;83:306-16.
- Brown T, Mu K, **Crabtree JL**. The occupational therapy clinical doctorate: the next development in pre-registration occupational therapy education? *Br J Occup Ther* 2016;79:725-26.
- **Crabtree JL**, Ohm D, Wall JM, Ray J. Evaluation of a prison occupational therapy informal education program: a pilot study. *Occup Ther Int* 2016;23:401-11.
- **Crabtree JL**, Wall JM, Ohm D. Critical reflections on participatory action research in a prison setting: toward occupational justice. *OTJR-Occup Part Heal* 2016;36:244-52.
- Friedrich-Nel HS, **Mac Kinnon JL**. Mutual expectations in the postgraduate doctoral supervisory relationship. In: M. F-M, Albertyn R, Aitchison C, Bitzer E, editors. *Postgraduate Supervision: Future Foci for the Knowledge Society*. Stellenbosch, South Africa: Sun Media; 2016. p. 157-70.
- **Kuo F**, Pizzi MA, Chang WP, Koning SJ, Fredrick AS. Exploratory study of the clinical utility of the Pizzi Healthy Weight Management Assessment (PHWMA) among Burmese high school students. *Am J Occup Ther* 2016;70:7005180040p1-9.
- **Loghmani MT**, Bane S. Instrument-assisted soft tissue manipulation: evidence for its emerging efficacy. *J Novel Physiother* 2016;S3:012 (4 pages).
- **Loghmani MT**, Whitted M. Soft-tissue manipulation: a powerful form of mechanotherapy. *Journal of Physiotherapy and Physical Rehabilitation* 2016;1:122 (6 pages).
- Manske RC, Porter A, Quillin D, **Warden SJ**, Burr DB, Brukner PD. Repetitive stress pathology: bone. In: Magee DJ, Zachazewski JE, Quillen WS, editors. *Pathology and Intervention in Musculoskeletal Rehabilitation*. 2nd ed. St. Louis, MO: Saundier Elsevier 2016. p. 913-37.
- Richey Smith CE, Ryder P, Bilodeau A, **Schultz M**. Use of an online game to evaluate health professions students' attitudes toward people in poverty. *Am J Pharm Educ* 2016;80:139 (8 pages).

## Contributions to the Well-being of the Citizens of Indianapolis, Indiana, and Beyond

### Community Engagement

- **Martina Allen** and **Kristine Miller** provided developmental screenings for 36 children at the IUPUI Center for Young Children with 1<sup>st</sup> year OT and 2<sup>nd</sup> year PT students. October 3 and 6, 2016.
- **Martina Allen** provided developmental screening follow up activity sessions and parent/teacher education materials at the IUPUI Center for Young Children with 1<sup>st</sup> year OT students on November 7 and 10, 2016. She also provided developmental play groups with 2<sup>nd</sup> year OT students on October 11 and 25, 2016.
- **Martina Allen** and T Ware provided educational play groups for oral hygiene in two classrooms at the IUPUI Center for Young Children with 2<sup>nd</sup> year OT students and 3<sup>rd</sup> and 4<sup>th</sup> year dental students on November 15, 2016.
- **Amber Comer** presented and lead a journal club discussion over her article at a journal club at Marion University School of Osteopathic Medicine. The journal club reviewed Comer's AJOB Empirical Research publication on physician decision making and surrogate decisions.
- The **Department of Physical Therapy** celebrated Physical Therapy Month in October with several events that gave back to the community. They held a food drive and collected 450 items that were donated to the Hawthorne Community Center Foodbank; and hosted a PT Olympics spirit week that included a superhero day where students, faculty, and staff made 42 superhero capes for children that were donated to St. Vincent's Hospital.
- **Tracy Dierks** presented at the Community Health Network Sports Medicine Runners Club.
- **Terry Loghmani** and **Peter Altenburger** from the Department of Physical Therapy were invited to meet with the IU Interprofessional Practice and Education (IU IPE) Center's TEACH Curriculum Design and Implementation Team (CDIT) to discuss potential applications of the IU DPT Case Family for IPE.
- **Rebecca Porter** presented at the Federation for State Boards of Physical Therapy National Physical Therapy Examination Educators Workshop in Alexandria, VA from October 14-16, 2016.



## Dean's Quarterly Updates

### Contributions to the Well-being of the Citizens of Indianapolis, Indiana, and Beyond

#### Internationalization Efforts

- **Jeffrey Crabtree** and **Fengyi Kuo** were invited speakers. "Cognitive Rehabilitation: Don't Leave Home without It". 1.5-hour lecture. Beijing HuaLongKun Hospital, Chinese Rehab Center/Neuro-Science Institute, Beijing, China on October 13, 2016.
- **Terry Loghmani** attended the Annual Leadership Meeting at 5<sup>th</sup> Annual Symposium on Regenerative Rehabilitation, Emory University, Atlanta, GA, on October 16, 2016. A strategic planning meeting to discuss future directions in Regenerative Rehabilitation is being organized to be held in Summer 2017.

#### Inclusive Campus Climate

- The **IU Regenerative Medicine Working Group** (**Terry Loghmani** is a co-coordinator) resumed meetings during the fall semester. Several regenerative medicine and rehabilitation research initiatives remain active on campus.
- **Wei Li** attended "How Asians Became America's Model Minority" on November 7, 2016, cohosted by the Asia Pacific American Faculty and Staff Council and the Multicultural Center.

#### Faculty and Staff

- **Sharon Pape** has been selected to participate as a mentor for the American Occupational Therapy Association's Education Special Interest Section (EDSIS) Community of Practice Mentors for Fieldwork Education.
- **Wei Li** attended "Scientific Grant Proposal Writing Workshop" on October 28, 2016, organized by International Center for Intercultural Communication (ICIC) and "Advanced Scientific Writing from the Reader's Perspective" on December 7, 2016 sponsored by the IU School of Medicine Office of Faculty Affairs and Professional Development, the IUPUI Office of the Vice Chancellor for Research and the IUPUI Center for Teaching and Learning.
- **Niki Munk** attended various professional development sessions offered by the IUPUI Academic Affairs and IU SHRS Mentoring Initiative including Halfway to Tenure, Dossier Preparation Workshop, and Setting Trajectories for Professional Development.
- **Stuart Warden** was named the 2016 Associate Editor of the Year by the Journal of Orthopaedic and Sports Physical Therapy.

#### Professional Engagement

- **Niki Munk** provided peer review for the International Journal of Therapeutic Massage and Bodywork.
- **Niki Munk** served as massage therapy content expert for the invitation only Department of Veterans Affairs, Office of Research and Development, Health Services Research and Development Service sponsored State-of-the-art (SOTA) conference on "Non-pharmacological Approaches to Chronic Musculoskeletal Pain Management" Manual Therapy work group in Arlington, Virginia, November 3-4, 2016.