



Research Notes

April 2017

Research dates to remember/consider

- May 5 CTSI CHeP Community Based Research Awards (letter of intent due)
- May 5 CTSI Collaboration in Translational Research Pilot Grant Program (application due; does not require routing)
- May 25 CTSI CHeP Community Based Research Awards (application due; does not require routing)
- Jun 5 NIH R01 new submission (internal routing date: May 29)
- Jun 16 NIH R03 and R21 new submission (internal routing date: Jun 9)
- Jun 26 NIH R15 new submission and resubmission (internal routing date: Jun 19)

External grants and contracts

Awards

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Altenburger, Peter	MULTIPLE SCLEROSIS	G-EO gait rehabilitation training in progressive multiple sclerosis	9/1/2016	8/31/2017	\$33,000
Rebman, Rebecca	HRSA	Indiana University Health Careers Opportunity Program	9/1/2016	8/31/2017	\$18,823

Submissions

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Massie, Crystal	NIH	Improving clinical practice with structured neurorehabilitation home activity programs [R03]	12/1/2017	11/30/2019	\$314,148
Warden, Stuart	NBA/GE	Activities and factors influencing the magnitude and distribution of tibial bone strains in basketballers	9/1/2017	8/31/2020	\$299,922

Internal grants and contracts

Submissions

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Weaver, Kathy	IUPUI Degree Completion Office	Mini-grant proposal to support degree completion efforts at IUPUI	8/1/2017	5/30/2018	\$10,000

Publications

1. Friedrich-Nel H, **Mac Kinnon J**. Assessment central to quality doctoral education. In: Lategan LOK, editor. *Get Ready, Get Set, Go*. Bloemfontein, South Africa: Sun Media; 2017. p. 77-82
2. Haglund L, Bowyer P, **Scott PJ**, Taylor RR. The Model of Human Occupation, the ICF, and the Occupational Therapy Practice Framework: connections to support best practice around the world. In: Taylor RR, editor. *Kielhofner's Model of Human Occupation*. 5th ed. New York: Wolters-Kluwer; 2017. p. 466-85.





Publications (cont'd)

3. Kramer J, Forsyth K, Lavedure P, **Scott PJ**, Shute R, Maciver D, ten Velden M, Suman M, Nakamura-Thomas H, Yamada T, Keponen R, Pan AW, Kielhofner G. Self reports: eliciting clients' perspectives. In: Taylor RR, editor. *Kielhofner's Model of Human Occupation*. 5th ed. New York: Wolters-Kluwer; 2017. p. 248-74.
4. **Li W**, Risacher SL, McAllister TW, Saykin AJ, Alzheimer's Disease Neuroimaging Initiative. Age at injury is associated with the long-term cognitive outcome of traumatic brain injuries. *Alzheimer's & Dementia* 2017;6:196-200
5. **Mac Kinnon J, Comer A**. The influence of culture, values and faith in end-of-life decisions. In: Lategan LOK, Van Zyl G, editors. *Healthcare Ethics for Healthcare Professionals*. Bloemfontein, South Africa: Sun Media; 2017. p. 54-63.
6. Moorthi RN, **Avin KG**. Clinical relevance of sarcopenia in chronic kidney disease. *Current Opinion in Nephrology and Hypertension* 2017;26:219-28
7. Neto-Neves EM, **Brown MB**, Zaretskaia MV, Rezanian S, Goodwill AG, McCarthy BP, Persohn SA, Territo PR, Kline JA. Chronic embolic pulmonary hypertension caused by pulmonary embolism and vascular endothelial growth factor inhibition. *American Journal of Pathology* 2017;187:700-712
8. Salazar TE, Richardson MR, Beli E, Ripsch MS, George J, Kim Y, Duan Y, Moldovan L, Yan Y, Bhatwadekar A, Jadhav V, Smith JA, McGorray S, Bertone AL, Traktuev DO, March KL, Colon-Perez LM, **Avin KG**, Sims E, Mund JA, Case J, Deng S, Kim MS, McDavitt B, Boulton ME, Thinschmidt J, Li Calzi S, Fitz SD, **Fuchs RK, Warden SJ**, McKinley T, Shekhar A, Febo M, Johnson PL, Chang LJ, Gao Z, Kolonin MG, Lai S, Ma J, Dong X, White FA, Xie H, Yoder MC, Grant MB. Electroacupuncture promotes CNS-dependent release of mesenchymal stem cells. *Stem Cells* 2017;35:1303-15
9. Vogel KA, Martin BR, McCabe LD, Peacock M, **Warden SJ**, McCabe GP, Weaver CM. The effect of dairy intake on bone mass and body composition in early pubertal girls and boys: a randomized controlled trial. *Am J Clin Nutr* 2017;105:1214-29

New 'in press' publications this month

1. Alotaibi AM, Anwar S, **Loghmani MT**, Chien S. Force sensing for an instrument-assisted soft tissue manipulation device. *Journal of Medical Devices*
2. **Warden SJ, Thompson WR**. Use the force: optimizing mechanotherapy through an understanding of mechanobiology. *British Journal of Sports Medicine*

'In press' publications

3. **Comer AR**, Gaffney M, Stone C, Torke AM. Physician understanding and application of surrogate decision making laws in clinical practice. *AJOB Empirical Bioethics*
4. **Comer AR**, Gaffney M, Stone C, Torke AM. "What do you mean I cannot consent for my grandmother's medical procedure?": Key issues with state default surrogate decision making laws. *Indiana Health Law Review*
5. *Elder WG, ***Munk N**, Love MM, Bruckner GG, Stewart, KE, Pearce, K. Real-world massage therapy produces meaningful effectiveness signal for primary care patients with chronic low back pain: results of a repeated measures cohort study. *Pain Medicine* (*co-first authors)
6. Kindler J, Pollock NK, Laing EM, Oshri A, Jenkins N, Isales CM, Hamrick MW, Ding HK, Hausman DB, McCabe GP, Martin BR, Hill Gallant KG, **Warden SJ**, Weaver CM, Peacock M, Lewis RD. Insulin resistance and the IGF-I-cortical bone relationship in children ages 9-13 years. *Journal of Bone and Mineral Research*
7. Olivos DJ, Alvarez M, Cheng YH, Hooker RA, Ciovacco WA, Bethel M, McGough H, Yim C, Chitteli BR, Eleniste PP, Horowitz MC, Srour EF, Bruzzaniti A, **Fuchs RK**, Kacena MA. Lnk deficiency leads to TPO-mediated osteoclastogenesis and increased bone mass phenotype. *Journal of Cellular Biochemistry*
8. **Warden SJ**, Burr DB. Bone stress injuries. In: Bilezikian JP (ed.): *Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism*. 9th ed. John Wiley & Sons, Inc.
9. **Warden SJ**, Weatherholt AM, Gudeman AS, Mitchell DC, **Thompson WR, Fuchs RK**. Progressive skeletal benefits of physical activity when young as assessed at the midshaft humerus in male baseball players. *Osteoporosis International*