



IUPUI

SCHOOL OF HEALTH
AND REHABILITATION
SCIENCES

INDIANA UNIVERSITY
Indianapolis

October 2015

RESEARCH DATES TO REMEMBER/CONSIDER

- Nov 13 IU SHRS Interdisciplinary Research and Continuing Education Conference (1-5pm)
- Dec 11 Indiana Spinal Cord and Brain Injury Research Fund Grant due date
- Feb 1 IUPUI Release Time for Research applications due (1 month of summer salary available)
- Feb 25 NIH R15 new submission due date (internal routing date: Feb 18)
- TBA IU Collaborative Research Grant (\$75,000)

EXTERNAL GRANTS AND CONTRACTS

Awarded

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Brown, M. Beth	AM HEART MIDWEST	Optimizing Aerobic Exercise Training as Therapy in a Rat Model of Pulmonary Arterial Hypertension (Continuation [prev committed])	7/1/2015	6/30/2016	\$71,500

Submitted

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Liu, Chiung-Ju	NIH	Activities of daily living practice as a means to reduce disability in vulnerable older adults: An RCT comparing two exercise interventions	7/1/2016	6/30/2021	\$1,965,000
Avin, Keith	NIH	Mechanisms of Interventions to Ameliorate Sarcopenia in Chronic Kidney Disease	7/1/2016	6/30/2021	\$674,186
Li, Wei	ALZHEIMER ASSN	Fluid Biomarker Abnormalities and Cognitive Impairments Associated with TBI	2/1/2016	1/31/2018	\$100,000
Altenburger, Peter	MULTIPLE SCLEROSIS	G-EO Gait Rehabilitation Training in Progressive Multiple Sclerosis	2/1/2016	1/31/2017	\$44,000

INTERNAL GRANTS AND AWARDS

Awarded

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Loghmani, M. Terry	OVCR	Development of a soft tissue manipulation force quantification device for clinical use (Funding Opportunities for Research Commercialization and Economic Success [FORCES])	10/12/2015	10/31/2016	\$33,314
Comer, Amber	SHRS	The effect of air quality on stroke and cardiovascular incidents and mortality (PEAR grant)	10/26/2015	10/25/2016	\$10,000
Munk, Niki	OVCR	Enhanced Mentoring Program with Opportunities for Ways to Excel in Research (EMPOWER)	10/1/2015	9/30/2016	\$5,000

Submitted

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Munk, Niki	OVCR	Massage and self-care for chronic neck pain [RFSG application]	1/1/2016	31/12/2016	\$35,000
Warden, Stuart	OVCR	Localized skeletal effects of serotonin transporter inhibition [RFSG application]	1/1/2016	31/12/2016	\$35,000

PUBLICATIONS

1. Friedrich-Nel H, **Mac Kinnon J**. Formative postgraduate assessment: a comparative case study using a university in the USA and one in South Africa. *Innov Educ Teach Int* 2015;52:653-62
2. Van Puymbroeck M, **Miller KK**, Dickes LA, Schmid AA. Perceptions of yoga therapy embedded in two inpatient rehabilitation hospitals: agency perspectives. *Evid Based Complement Alternat Med* 2015;2015:125969 (7 pages)
3. Weatherholt AM, **Avin KG**, Hurd AL, Cox J, Marberry ST, Santoni BG, **Warden SJ**. Peripheral quantitative computed tomography (pQCT) predicts humeral diaphysis torsional mechanical properties with good short-term precision. *J Clin Densitom* 2015;18:551-9

New 'in press' publications this month

1. **Comer A**. In the wake of Wakefield: establishing consequences for journal failure to recognize retracted research articles. *Int J Med Res Prof*
2. Friedrich-Nel HS, **Mac Kinnon JL**. Formative assessment in postgraduate education. *J New Generation Sci*
3. Livorsi D, **Comer AR**, Matthias MS, Perencevich EN, Bair MJ. Barriers to guideline-concordant antibiotic use among inpatient physicians: A case vignette qualitative study. *J Hosp Med*
4. Organ JM, Srisuwananukorn A, Price P, Joll JE, Biro KC, Rupert JE, Chen NX, **Avin KG**, Moe SM, Allen MR. Reduced skeletal muscle function is associated with decreased fiber cross-sectional area in the Cy/+ rat model of progressive kidney disease. *Nephrol Dial Transplant*
5. Weatherholt AM, **Warden SJ**. Tibial bone strength is enhanced in the jump leg of collegiate-level jumping athletes: a within-subject controlled cross-sectional study. *Calcif Tissue Int*
6. Woodhouse L, Gandhi R, **Warden SJ**, Poiraudreau S, Myers SL, Benson CT, Hu L, Ahmad QI, Linnemeier P, Gomez EV, Benichou O, on behalf of the study investigators. A phase 2 randomized study investigating the efficacy and safety of myostatin antibody LY2495655 versus placebo in older patients undergoing elective total hip arthroplasty. *J Frailty Aging*

Previous 'in press' publications

7. Becker C, Lord SR, Studenski S, **Warden SJ**, Fielding RA, Recknor C, Hochberg MC, Ferrari S, Blain H, Binder E, Rolland Y, Poiraudreau S, Benson CT, Myers SL, Hu L, Ahmad Q, Pacuch K, Gomez E, Benichou O, on behalf of the STEADY Group. Myostatin antibody (LY2495655) in older weak fallers: a proof-of-concept, randomized, phase 2 trial. *Lancet Diabetes Endocrinol*
8. Clark DO, Lane KA, Ambuehl R, Tu W, **Liu CJ**, Unroe K, Callahan CM. Age differences in the association between body mass index class and annualized medicare expenditures. *J Aging Health*
9. Elenburg JL, Foley BS, Roberts K, **Bayliss AJ**. Utilization of mechanical diagnosis and therapy (MDT) for the treatment of lumbar pain in the presence of known lumbar transverse process fractures: a case study. *J Man Manip Ther*
10. Foote CE, **Mac Kinnon J**, Robbins C, Pessagno R, Portner MD. Long-term health and quality of life experiences in Vietnam veterans with combat-related limb loss. *Qual Life Res*
11. Linens SW, Ross SE, **Arnold BL**. Wobble board rehabilitation for improving balance in ankles with chronic instability. *Clin J Sport Med*
12. **Loghmani MT**, **Bayliss AJ**, Clayton G, Gundeck E. Successful treatment of a guitarist with a finger joint injury using instrument-assisted soft tissue mobilization: a case report. *J Man Manip Ther*
13. Meijome TE, Baughman JT, Hooker RA, Cheng Y-H, Ciovacco WA, Balamohan SM, Srinivasan TL, Chitteti BR, Eleniste PP, Horowitz MC, Srour EF, Bruzzaniti A, **Fuchs RK**, Kacena MA. C-Mpl is expressed on osteoblasts and osteoclasts and is important in regulating skeletal homeostasis. *J Cell Biochem*
14. Pizzi M, **Kuo F**, Chang WP, Koning S, Fredrick A. Pizzi Healthy Weight Management Assessment (PHWMA): development and utility in Burmese High School students attending Summer Scholars Program. *Br J Occup Ther*
15. Schmid AA, **Miller KK**, Van Puymbroeck M, DeBaun-Sprague E, Shively C, Peterson E, Finlayson M. Feasibility and results of a pilot study of group occupational therapy for fall risk management after stroke. *Br J Occup Ther*
16. Schmid AA, **Miller KK**, Van Puymbroeck M, Schalk N. Feasibility and results of a case study of yoga to improve physical functioning in people with chronic traumatic brain injury. *Disabil Rehabil*
17. Summers K, Pierce D, **Fisher TF**, Marshall A. Transitions to Work and Community, Chapter 7. Bethesda, MD: AOTA Press.