



IUPUI

SCHOOL OF HEALTH  
AND REHABILITATION  
SCIENCES

INDIANA UNIVERSITY  
Indianapolis

October 2016

### RESEARCH DATES TO REMEMBER/CONSIDER

- Dec 9 [Indiana Spinal Cord & Traumatic Brain Injury Grant Program](#) (internal routing date: Dec 2)
- Dec 12 [CTSI Pre-Doctoral Training in Translational Research](#) (CV due Dec 5; full application due Dec 12)
- Feb 6 NIH R01 new submission due date (internal routing date: Jan 30)
- Feb 15 [IUPUI Release Time for Research applications due](#) (1 month of summer salary available)
- Feb 16 NIH R03 and R21 new submission due date (internal routing date: Feb 9)
- Feb 27 NIH R15 new submission and resubmission due date (internal routing date: Feb 20)
- Apr 15 [IUPUI Research Support Funds Grant \(RSFG\) due date](#) (does not require routing)

### EXTERNAL GRANTS AND CONTRACTS

#### Submissions

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Fuchs, Robyn K	NIH	Long term benefit to the proximal femur of exercise completed when young	7/1/2017	6/30/2022	\$2,453,876
Warden, Stuart J	NIH	Skeletal effects of the 5-hydroxytryptamine (5-HT; 'serotonin') transporter & brain-derived 5-HT	7/1/2017	6/30/2022	\$2,311,883
Warden, Stuart J	US DEPT OF DEFENSE	Localizing the skeletal effects of psychotropic agents targeting the serotonin transporter	8/1/2017	7/31/2020	\$1,886,145
Thompson, William	NIH	Effect of low magnitude mechanical signals on bone and muscle loss due to androgen deprivation therapy for prostate cancer	7/1/2017	6/30/2022	\$1,574,589
Miller, Kristine	NIH	Adapted-yoga in the community for people transitioning home after stroke rehabilitation	7/1/2017	6/30/2020	\$485,544
Li, Wei	NIH	The underlying mechanism of type 2 diabetes mellitus as a risk factor for AD	7/1/2017	6/30/2020	\$472,500
Massie, Crystal	NIH	Developing clinical prediction rules to tailor non-invasive brain stimulation for the individual	7/1/2017	6/30/2020	\$443,750
Li, Wei	NIH	Type 1 Diabetes Mellitus and Dementia	7/1/2017	6/30/2019	\$433,125
Warden, Stuart J	UNIV ILLINOIS URBANA	Identifying exercises that target fracture prone regions of the proximal femur	7/1/2017	6/30/2019	\$103,211

### INTERNAL GRANTS AND AWARDS

#### Submissions

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Massie, Crystal	IUPUI Office of the V.C. for Research	Clinical implementation and outcomes of upper-extremity rehabilitation robotics (RSFG application)	7/1/2017	6/30/2018	\$35,000
Pape, Sharon Loghmani, M. Terry	IUPUI Office of the Senior Advisor	What's the difference between occupational therapy and physical therapy? A longitudinal study examining student perceptions of interprofessional education and practice (PRAC application)	1/1/2016	31/12/2016	\$5,000

## PUBLICATIONS

1. **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 (9 pages)
2. Manske RC, Porter A, Quillin D, **Warden SJ**, Burr DB, Brukner PD. Repetitive stress pathology: bone. In: Magee DJ, Zachazewski JE, Quillen WS (eds.): *Pathology and Intervention in Musculoskeletal Rehabilitation*. 2<sup>nd</sup> ed. St. Louis, MO: Saunders Elsevier; 2016, pp. 913-937 (25 pages)

### *New 'in press' publications this month*

---

1. **Brown MB**, Neves E, Long GM, Graber JB, Gladish BA, Wiseman A, Owens M, Fisher AJ, Presson RG Jr, Petrache I, Kline JA, Lahm T. High intensity interval training but not continuous training reverses right ventricular hypertrophy and dysfunction in a rat model of pulmonary hypertension. *Am J Physiol Regul Integr Comp Physiol*
2. **Fuchs RK**, Kersh ME, Carballido-Gamio J, **Thompson WR**, Keyak JH and **Warden SJ**. Physical activity for strengthening fracture prone regions of the proximal femur. *Curr Osteoporos Rep* (in press)

### *'In press' publications*

---

4. **Arnold BL**, Schiller B. *Evidence Based Practice in Sport and Exercise: A Guide to Using Research*. Philadelphia: F.A. Davis Company
3. Arnold S, **Janson R**. Wrist extension or flexion mobilization orthosis: the dinosaur design. *J Hand Ther*
4. Brown T, **Crabtree JL**, Mu K, Wells J. The Entry-Level Occupational Therapy Clinical Doctorate (OTD): the next education wave of change in Canada? *Can J Occup Ther*
5. **Comer AR**, Gaffney M, Stone C, Torke AM. Physician understanding and application of surrogate decision making laws in clinical practice. *AJOB Empirical Bioethics*
6. **Crabtree JL**, Ohm D, Wall J and Ray J. Evaluation of an occupational therapy re-entry program for people who have been incarcerated for over 10 years. *Occup Ther Int*
7. **Crabtree JL**, Wall JM, Ohm D. Critical reflections on participatory action research in a prison setting: toward occupational justice. *OTJR: Occupation, Participation and Health*
8. **Fisher TF**. Preventing work-related musculoskeletal disorders in recycling workers: the role of occupational therapy. *Am J Occup Ther*
9. **Fuchs RK**, **Bayliss AJ**, **Warden SJ**. Hemangioma in the anterior thigh with corresponding periosteal bone reaction. *J Orthop Sports Phys Ther*
10. **Liu CJ**, Jones LY, Formyduval A RM, Clark DO. Task-oriented exercise to reduce ADL disability in vulnerable elderly: a feasibility study of 3-step workout for life. *J Aging Phys Act*
11. **Massie CL**, Du Y, Conroy SS, Krebs HI, Wittenberg GF, Bever CT, Whitall J. A clinically relevant method of analyzing continuous change in robotic upper extremity chronic stroke rehabilitation. *Neurorehabil Neural Repair*
12. **Miller KK**, **Porter RE**, DeBaun-Sprague E, Van Puymbroeck M, Schmid AA. Exercise after stroke: patient adherence and beliefs after discharge from rehabilitation. *Top Stroke Rehabil*
13. Smith C, Ryder P, Bilodeau A, **Schultz M**. Play SPENT: use of an online game to evaluate health professions students' attitudes toward people in poverty. *Am J Pharm Educ*
14. **Warden SJ**. Sports injuries: acute. In: Bahr R, Blair S, Cook J, Crossley K, McConnell J, McCrory P, Noakes T (eds.): *Brukner and Khan's Clinical Sports Medicine*. CRC Press
15. **Warden SJ**. Sports injuries: chronic. In: Bahr R, Blair S, Cook J, Crossley K, McConnell J, McCrory P, Noakes T (eds.): *Brukner and Khan's Clinical Sports Medicine*. CRC Press