



# Research Notes

May 2017

## Research dates to remember/consider

- 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)
- Sep 12 IUPUI Enhanced Mentoring Program with Opportunities for Ways to Excel in Research (EMPOWER)
- Sep 15 IUPUI Release Time for Research (RTR)
- Oct 5 NIH R01 new submission due date (internal routing date: Sep 28)
- Oct 7 CTSI Pilot Funding for Research Use of Core Facilities
- Oct 15 IUPUI Research Support Funds Grant (RFSG) due date
- Oct 16 NIH R03 and R21 new submission due date (internal routing date: Oct 9)
- Oct 25 NIH R15 new submission due date (internal routing date: Oct 18)

## External grants and contracts

### Awards

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Massie, Crystal	IND STATE DEPT HLTH	Improving functional ability in chronic TBI with intensive rehabilitation robotic gait training	7/1/2017	6/30/2019	\$158,698
Munk, Niki	US VETERANS AFFAIRS	Intergovernmental IPA between IU and VA for Niki Munk	2/1/2017	1/31/2018	\$29,820
Thompson, William	MARIAN UNIVERSITY	Association of perlecan in voltage sensitive calcium channels in osteocytes	2/1/2017	5/14/2017	\$3,064

### Submissions

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Munk, Niki	US VETERANS AFFAIRS	Intergovernmental IPA between IU and VA for Niki Munk	2/1/2017	1/31/2018	\$29,820

## Internal grants and contracts

### Awards

Project Director	Sponsor	Title	Start	End	Proposal Total Amt
Li, Wei	Indiana Diabetes Research Center	Altered cerebral glucose and lipid metabolism in diabetes in the pathogenesis of Alzheimer's disease	7/1/2017	6/30/2018	\$30,000
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. **Crabtree JL**, Katz LW. Emerging areas of practice. In: Jacobs K, MacRae N, Sladyk K, editors. *Occupational Therapy Essentials for Clinical Competence*. 3rd ed. Thorofare, NJ: Slack, Inc.; 2017. p. 557-68.
2. **Fisher TF**, Beals C. Roles of occupational therapy practitioners. In: Jacobs K, MacRae N, Sladyk K, editors. *Occupational Therapy Essentials for Clinical Competence*. 3rd ed. Thorofare, NJ: Slack, Inc.; 2017. p. 763-77.

## New 'in press' publications this month

1. Firulli BA, Millar H, Toolan KP, Harkin J, **Fuchs RK**, Robling AG, Firulli AB. Defective Hand1 phosphoregulation uncovers essential roles for Hand1 in limb morphogenesis. *Development*
2. Ward LM, Kinnett K, Bonewald L, on behalf of **Parent Project Muscular Dystrophy Bone Health Workshop Collaborators** (Adachi J, Bachrach L, Bellido T, Brotto M, Donovan J, Hoffman E, McMillan H, Novotny S, Rafael-Fortney J, Rauch F, **Warden SJ**). Morbidity due to osteoporosis in Duchenne muscular dystrophy: the path forward. *Neuromuscular Disorders*
3. **Warden SJ**, **Thompson WR**, Fletcher JM, Barker RG, Guildenbecher EA, Gorkis CE. Progress in the full-text publication rate of orthopaedic and sport physical therapy abstracts presented at the American Physical Therapy Association's Combined Sections Meeting. *Journal of Orthopaedic and Sports Physical Therapy*

## 'In press' publications

4. Alotaibi AM, Anwar S, **Loghmani MT**, Chien S. Force sensing for an instrument-assisted soft tissue manipulation device. *Journal of Medical Devices*
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. **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*
7. \*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)
8. 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*
9. 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*
10. **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.
11. **Warden SJ**, **Thompson WR**. Use the force: optimizing mechanotherapy through an understanding of mechanobiology. *British Journal of Sports Medicine*
12. **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*

