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## Special Section

This issue features recent publications by Logan Faculty and Staff.

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## TOPICS OF INTEREST

- Manipulation / Manual Therapy
- Osteoarthritis
- Cervical Spine / Whiplash
- Low Back Pain / Lumbar Spine
- S.I. Joint
- Acupuncture
- Pain / Fibromyalgia
- Public Health
- Nutrition
- Sport Medicine & Rehabilitation
- Shoulder
- Miscellaneous

## MANIPULATION / MANUAL THERAPY

1. [Adverse events among seniors receiving spinal manipulation and exercise in a randomized clinical trial.](#) Maiers M, Evans R, Hartvigsen J, Schulz C, Bronfort G. *Man Ther.* 2015 Apr;20(2):335-41.
2. [Is there a role for neck manipulation in elderly falls prevention? - An overview.](#) Kendall JC, Hartvigsen J, French SD, Azari MF. *J Can Chiropr Assoc.* 2015 Mar;59(1):53-63.
3. [Risk of traumatic injury associated with chiropractic spinal manipulation in Medicare Part B beneficiaries aged 66 to 99 years.](#) Whedon JM, Mackenzie TA, Phillips RB, Lurie JD. *Spine (Phila Pa 1976).* 2015 Feb 15;40(4):264-70.
4. [Perceived value of spinal manipulative therapy and exercise among seniors with chronic neck pain: a mixed methods study.](#) Maiers M, Vihstadt C, Hanson L, Evans R. *J Rehabil Med.* 2014 Nov;46(10):1022-8.

## OSTEOARTHRITIS

5. [Manual and manipulative therapy in addition to rehabilitation for osteoarthritis of the knee: assessor-blind randomized pilot trial.](#) Dwyer L, Parkin-Smith GF, Brantingham JW, Korporaal C, Cassa TK, Globe G, Bonnefin D, Tong V. *J Manipulative Physiol Ther.* 2015 Jan;38(1):1-21.e2.
6. [The role of innate immunity in osteoarthritis: When our first line of defense goes on the offensive.](#) Orłowski EW, Kraus VB. *J Rheumatol.* 2015 Mar;42(3):363-371.
7. [Physical activity predicts higher physical function in older adults: The osteoarthritis initiative.](#) Batsis JA, Germain CM, Vásquez E, Zbehlik AJ, Bartels SJ. *J Phys Act Health.* 2015 Apr 1.

## CERVICAL SPINE / WHIPLASH

8. [An investigation of cervical spinal posture in cervicogenic headache.](#) Farmer PK, Snodgrass SJ, Buxton AJ, Rivett DA. *Phys Ther.* 2015 Feb;95(2):212-22.
9. [The effect of neck-specific exercise with, or without a behavioral approach, on pain, disability, and self-efficacy in chronic whiplash-associated disorders: A randomized clinical trial.](#) Ludvigsson ML, Peterson G, O'Leary S, Dederig Å, Peolsson A. *Clin J Pain.* 2015 Apr;31(4):294-303.
10. [Chronic whiplash pain.](#) Seroussi R, Singh V, Fry A. *Phys Med Rehabil Clin N Am.* 2015 Mar 07 [ahead of print].

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## LUMBAR SPINE / LOW BACK PAIN

11. [Biomechanical constraints remain major risk factors for low back pain. Results from a prospective cohort study in French male employees.](#) Ramond-Roquin A, Bodin J, Serazin C, Parot-Schinkel E, Ha C, Richard I, Petit Le Manach A, Fouquet N, Roquelaure Y. Spine J. 2015 Apr 1;15(4):559-69.
12. [Effectiveness of interventions designed to reduce the use of imaging for low-back pain: a systematic review.](#) Jenkins HJ, Hancock MJ, French SD, Maher CG, Engel RM, Magnussen JS. CMAJ. 2015 Mar 2.
13. [Is low back pain associated with worse health-related quality of life 6 months later?](#) Nolet PS, Kristman VL, Côté P, Carroll LJ, Cassidy JD. Eur Spine J. 2015 Mar;24(3):458-66.
14. [Clinical examination findings as prognostic factors in low back pain: a systematic review of the literature.](#) Hartvigsen L, Kongsted A, Hestbaek L. Chiropr Man Therap. 2015 Mar 23;23:13.
15. [The effect of adding forward head posture corrective exercises in the management of lumbosacral radiculopathy: A randomized controlled study.](#) Moustafa IM, Diab AA. J Manipulative Physiol Ther. 2015 Feb 19. pii: S0161-4754.
16. [Clinical examination findings as prognostic factors in low back pain: a systematic review of the literature.](#) Hartvigsen L, Kongsted A, Hestbaek L. Chiropr Man Therap. 2015 Mar 23;23:13.

## S.I. JOINT

17. [Referred pain location depends on the affected section of the sacroiliac joint.](#) Kurosawa D, Murakami E, Aizawa T. Eur Spine J. 2015 Mar;24(3):521-7.

## ACUPUNCTURE

18. [Psychological covariates of longitudinal changes in back-related disability in patients undergoing acupuncture.](#) Bishop FL, Yardley L, Prescott P, Cooper C, Little P, Lewith GT. Clin J Pain. 2015 Mar;31(3):254-64.
19. [Acupuncture in the treatment of headache: a traditional explanation of an ancient art.](#) Cady RK, Farmer K. Headache. 2015 Mar;55(3):457-64.
20. [Manual and electrical needle stimulation in acupuncture research: pitfalls and challenges of heterogeneity.](#) Langevin HM, Schnyer R, MacPherson H, Davis R, Harris RE, Napadow V, Wayne PM, Milley RJ, Lao L, Stener-Victorin E, Kong JT, Hammerschlag R. J Altern Complement Med. 2015 Mar;21(3):113-28.

## PAIN / FIBROMYALGIA

21. [The effect of relaxation therapy on autonomic functioning, symptoms and daily functioning, in patients with chronic fatigue syndrome or fibromyalgia: a systematic review.](#) Meeus M, Nijs J, Vanderheiden T, Baert I, Descheemaeker F, Struyf F. Clin Rehabil. 2015 Mar;29(3):221-33.
22. [Walking exercise for chronic musculoskeletal pain: Systematic review and meta-analysis.](#) O'Connor SR, Tully MA, Ryan B, Bleakley CM, Baxter GD, Bradley JM, McDonough SM. Arch Phys Med Rehabil. 2015 Apr;96(4):724-734.

## PUBLIC HEALTH

23. [Use of complementary health approaches among children aged 4-17 years in the United States: National Health Interview Survey, 2007-2012](#). Black LI, Clarke TC, Barnes PM, Stussman BJ, Nahin RL. *Natl Health Stat Report*. 2015 Feb 10;(78):1-19.
24. [Self-help for weight loss in overweight and obese adults: systematic review and meta-analysis](#). Hartmann-Boyce J, Jebb SA, Fletcher BR, Aveyard P. *Am J Public Health*. 2015 Mar;105(3):e43-57.

## NUTRITION

25. [The mediterranean diet, its components, and cardiovascular disease](#). Widmer RJ, Flammer AJ, Lerman LO, Lerman A. *Am J Med*. 2015 Mar;128(3):229-238.
26. [Lifestyle modification decreases arterial stiffness in overweight and obese men: dietary modification vs. exercise training](#). Maeda S, Zempo-Miyaki A, Sasai H, Tsujimoto T, So R, Tanaka K. *Int J Sport Nutr Exerc Metab*. 2015 Feb;25(1):69-77.
27. [The effect of a low-fat spread with added plant sterols on vascular function markers: results of the Investigating Vascular Function Effects of Plant Sterols \(INVEST\) study](#). Ras RT, Fuchs D, Koppenol WP, Garczarek U, Greyling A, Keicher C, Verhoeven C, Bouzamondo H, Wagner F, Trautwein EA. *Am J Clin Nutr*. 2015 Apr;101(4):733-41.

## SPORT MEDICINE & REHABILITATION

28. [Current and emerging rehabilitation for concussion: A review of the evidence](#). Broglio SP, Collins MW, Williams RM, Mucha A, Kontos AP. *Clin Sports Med*. 2015 Apr;34(2):213-231.
29. [Isometric hip abduction using a Thera-Band alters gluteus maximus muscle activity and the anterior pelvic tilt angle during bridging exercise](#). Choi SA, Cynn HS, Yi CH, Kwon OY, Yoon TL, Choi WJ, Lee JH. *J Electromyogr Kinesiol*. 2015 Apr;25(2):310-5.
30. [The back squat: A proposed assessment of functional deficits and technical factors that limit performance](#). Myer GD, Kushner AM, Brent JL, Schoenfeld BJ, Hugentobler J, Lloyd RS, Vermeil A, Chu DA, Harbin J, McGill SM. *Strength Cond J*. 2014 Dec 1;36(6):4-27.

## SHOULDER

31. [Frequency, imaging findings, risk factors, and long-term sequelae of distal clavicular osteolysis in young patients](#). Roedel JB, Nevalainen M, Gonzalez FM, Dodson CC, Morrison WB, Zoga AC. *Skeletal Radiol*. 2015 May;44(5):659-66.
32. [Effectiveness of passive physical modalities for shoulder pain: systematic review by the ontario protocol for traffic injury management collaboration](#). Yu H, et al. *Phys Ther*. 2015 Mar;95(3):306-18.

## MISCELLANEOUS

33. [Impact of organized sports on activity, participation and quality of life in people with neurological disabilities](#). Sahlin KB, Lexell J. *PM R*. 2015 Mar 28. pii: S1934-1482(15)00171-9.
34. [Association between preterm birth and thoracic musculoskeletal static alterations in adolescents](#). Garcia KM, Davidson J, Goulart AL, Santos AM. *Braz J Phys Ther*. 2015 03/02;19(1):10-17.

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## RECENT PUBLICATIONS FROM LOGAN FACULTY & STAFF

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- A. **Gliedt JA, Daniels CJ**, Wuollet A. [Narrative review of perioperative acupuncture for clinicians](#). J Acupunct Meridian Stud. 2015 Jan [in press].
- B. **Gliedt JA, Hawk C, Anderson M**, Ahmad K, Bunn D, Cambron J, Gleberson B, Hart J, Kizhakkeveetil A, Perle SM, Ramcharan M, Sullivan S, Zhang L. [Chiropractic identity, role and future: a survey of North American chiropractic students](#). Chiropr Man Therap. 2015;23:4.
- C. Nierhaus T, Pach D, Huang W, Long X, **Napadow V**, Roll S, Liang F, Pleger B, Villringer A, Witt CM. [Differential cerebral response to somatosensory stimulation of an acupuncture point vs. two non-acupuncture points measured with EEG and fMRI](#). Front Hum Neurosci. 2015 Feb 13;9:74.
- D. **Welk AB, Haun DW**, Clark TB, **Kettner NW**. [Use of high-resolution ultrasound to measure changes in plantar fascia thickness resulting from tissue creep in runners and walkers](#). J Manipulative Physiol Ther. 2015 Jan;38(1):81-5.
- E. Twist E, Lawrence DJ, Salsbury SA, **Hawk C**. [Do informed consent documents for chiropractic clinical research studies meet readability level recommendations and contain required elements: a descriptive study](#). Chiropr Man Therap. 2014 Dec 10;22(1):40.
- F. **Battaglia P, Welk A, Kettner N**. [Ultrasound appearance and dynamic evaluation of variant long head of the biceps tendon anatomy with MRI correlation](#). J Ultrasound. 2014 Sep.
- G. Desbordes G, Li A, Loggia ML, Kim J, Schalock PC, Lerner E, Tran TN, Ring J, Rosen BR, Kaptchuk TJ, Pfab F, **Napadow V**. [Evoked itch perception is associated with changes in functional brain connectivity](#). Neuroimage Clin. 2014 Dec 3;7:213-21.
- H. Lee A, Yu A, Young S, **Battaglia P**, Ho J. [Omohyoid muscle syndrome in a mixed-martial arts athlete: A case report](#). Sports Health. 2014 Mar.

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