

NCMIC FOUNDATION

Publications and Presentations

Publications

Articles in Submission:

Gliedt JA, Walker RJ, Lu K, Dawson AZ, Egede LE. The relationship between patient satisfaction and healthcare expenditures in adults with spine related disorders: An analysis of the 2008-2015 Medical Expenditures Panel Survey (MEPS). *Spine*. Submitted 2/11/2020, 3rd resubmission 7/24/2020.

Moore AE, Motaghi S, Sadeghirad B, Begum H, Riva JJ, Dolovich L. The impact of unpaid volunteers on health-related outcomes for older adults residing in the community: A systematic review and meta-analysis of randomized trials. *Can Geriatr J*. [pending submission] 2020.

Connor JP, Bernstein C, Kilgore K, Rist PM, Osypiuk K, Kowalski M, Wayne PM. Perceptions of chiropractic care among women with migraine: A qualitative study. *Journal of Manipulative and Physiological Therapeutics* (Manuscript in press). 2020.

Agarwal A, Emary PC, Gallo L, Oparin Y, Shin SH, Fitzcharles M, Adachi JD, Cooper MD, Craigie S, Guyatt GH, Busse JW. Physician attitudes towards the nature and management of fibromyalgia: a systematic review [In Progress].

Articles in Peer-Reviewed Journals

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Swain MS, Gliedt JA, de Luca K, Newell D, Holmes M. Chiropractic student's cognitive dissonance to statements about professional identity, role, setting and future: international-national perspectives from a secondary analysis of pooled data. *Chiro & Manual Therp*. 2021, 29.5, 2 feb 2021..

Herman PM, Edgington SE, Sorbero ME, Hurwitz EL, Goertz CM, Coulter ID. Visit frequency and outcomes for patients using ongoing chiropractic care for chronic low-back and neck pain: An observational longitudinal study. *Pain Physician*. 2021; 24:E61-E74.

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Fan Y., Ryu Y., Zhao R., Bills K.B., Steffensen S.C., Yang C.H., Kim H.Y. Enhanced Spinal Neuronal Responses as a Mechanism for Increased Number and Size of Active Acupoints in Visceral Hyperalgesia. *Scientific Reports* (2020) Jun 25;10(1):10312. doi: 10.1038/s41598-020-67242-9. PMID: 32587303

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Books & Chapters

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Conference Proceedings

2020

Wayne PM, Bernstein C, Kowalski M, Connor JP, Osypiuk K, Long CR, et al. The Integrative Migraine Pain Alleviation through Chiropractic Therapy (IMPACT) Trial: Study Rationale, Design and Intervention Validation. In: International Congress for Integrative Medicine and Health. April 28-May 1, 2020. Cleveland, Ohio, USA.

Connor JP, Bernstein C, Kilgore K, Rist PM, Osypiuk K, Kowalski M, Wayne PM. Perceptions of chiropractic care among women with migraine: A qualitative study. In: International Congress for Integrative Medicine and Health. April 28-May 1, 2020. Cleveland, Ohio, USA.

2019

Shannon Z, Shannon K. Informal, hidden, and null curriculum in chiropractic education. Association of Chiropractic Colleges Research Agenda Conference 2019, March 14-16, 2019, Baltimore, Maryland.

Goertz C, Shannon Z, Long C, Vining R, Hays RD, Spritzer K, Coulter I. PROMIS®-29 outcomes of U.S. military personnel with low back pain adaptively allocated to usual medical care alone versus usual medical care plus chiropractic care. Association of Chiropractic Colleges Research Agenda Conference 2019, March 14-16, 2019, Baltimore, Maryland.

Goertz C, Long C, Shannon Z, Vining R, Hays R, Spritzer K, Coulter I. PROMIS-29 Outcomes of Active-Duty Military Personnel with Low Back Pain in a Pragmatic Clinical Trial Comparing Usual Medical Care Plus Chiropractic Care to Usual Medical Care Alone. World Federation of Chiropractic Biennial Congress, March 20-23, 2019, Berlin, Germany.

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Leininger B, Bronfort G, Evans R, Hodges J, Kuntz K, Nyman J. Cost-effectiveness of spinal manipulation, exercise, or self-management for neck or back pain in the United States using an individual participant data meta-analysis approach. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Leininger B, Bronfort G, Haas M, Neradilek M, Evans R, Shama R. Cost-effectiveness of different doses of spinal manipulative therapy for cervicogenic headache. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Evans R, Haley A, Burgess D, Kennedy D. A mindfulness-based intervention for adaptive pain behaviors: Application of a theory and evidence-based design process. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Schultz C, Evans R, Maiers M, Schultz K, Leininger B, Bronfort G. Spinal manipulative therapy and exercise therapy for older adult with chronic low back pain: a randomized clinical trial. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Schultz C, Evans R, Connett J, Bronfort G. Examining the behavioral and contextual elements of spinal manipulative therapy. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Burgess D, Allen K, Bangerter A, Bronfort G, Cross L. Learning to apply mindfulness to pain (LAMP). International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

Ferguson J, Haley A, Matthias M, Meis L, Polusny M, Taylor B, Taylor S, Evans R. A pragmatic randomized clinical trial of two mindfulness-based interventions for chronic musculoskeletal pain. International Forum for Neck and Back Pain Research, July 2019, Quebec, Canada.

2018

Bernstein, C, Kowalski, M, Hernandez, A, et al. Rationale and Design of a Randomized Controlled Trial of Chiropractic Therapy for Migraine Pain Alleviation. In: American Headache Society (AHS) 60th Annual Scientific Meeting. June 28-Jul 01, 2018. San Francisco, California, USA.

Hernandez, A, Rist, P, Bernstein, C, et al. Spinal manipulation for migraine related pain and disability: A systematic review and meta-analysis. In: International Congress for Integrative Medicine and Health. May 8-11, 2018. Baltimore, Maryland, USA.

K. Bills, S. C. Steffensen. "Neural Mechanism Underlying the Use of mechanoacupuncture in the treatment of drug-abuse disorders." Int. Acupuncture Conference, Las Vegas, NV (2018)

K. Bills, A. Payne, S.C. Steffensen “Teaching Synaptic Transmission Using Primary Literature: A Skills-Based Approach to Increased Student Engagement,” Society for Neuroscience, San Diego, CA (2018)

K. Bills, T. Clarke, J. Brundage, S.C. Steffensen “Peripheral mechanoreceptors mediate changes in mesolimbic GABA and DA neurons via activation of delta opioid receptors,” Society for Neuroscience, San Diego, CA (2018)

A. Payne, K. Bills, S.C. Steffensen “An innovative approach to a neuroscience capstone learning experience,” Society for Neuroscience, San Diego, CA (2018)

Riva J. Resourcing your GRADE Guideline Endeavors, “*Its all about the fight...*”. New York Academy of Medicine, 2-3 Aug. 2018.

Corcoran KL. Chiropractic Management for Veterans. Pain Research, Informatics, Multi-morbidities and Education (PRIME) Center Presentation of VA Connecticut Healthcare System, West Haven, CT, June 2018.

Lisi AJ, Corcoran KL, DeRycke EC, Bastian LA, Becker WC, Edmond SN, et al. Opioid Use Among Veterans of Recent Wars Receiving Veterans Affairs Chiropractic Care. International Congress on Integrative Medicine and Health, Baltimore, MD, May 2018.

Corcoran KL, Dunn AS, Green BN, Formolo LR, Beehler GP. Changes in female veterans’ neck pain following chiropractic care at a hospital for veterans. Association of Chiropractic Colleges Research Agenda Conference, Dallas, TX, March 2018.

Lisi AJ, Corcoran KL, DeRycke EC, Bastian LA, Becker WC, Edmond SN, et al. Opioid Use Among Veterans of Recent Wars Receiving Veterans Affairs Chiropractic Care. Association of Chiropractic Colleges Research Agenda Conference, Dallas, TX, March 2018.

William Anderst. In Vivo Biomechanics of Cervical Spine Manipulation. North American Spine Society 33rd Annual Meeting, Los Angeles, Sep, 2018.

Trent Peng, "Utilization of chiropractic care in U.S. children and adolescents: results from the 2012 NHIS. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX], awarded as the Best Scientific Paper at the conference.

Keila Nichols. Two sisters with plagiocephaly accompanied by torticollis - one treated with a cranial orthosis (DocBand); the other with Sacro Occipital Technique (SOT) Cranial Therapy: a comparative case report. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX]

Kathleen Perry. Unresponsiveness to sacro occipital technique (SOT) procedures suggested possible pathological contribution to patient presentation: A case report. [Platform Presentation

accepted for 2018 ACC/RAC Conference, Dallas, TX.]

Rick Serola, Charles Blum. Sacroiliac joint myoligamentous interrelationships: Implications of sacral nutation dysfunction on whole body kinematics. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

Thomas Bloink, Charles Blum. Chiropractic care for TMJ and extreme tongue fatigue: A case report. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

William Boro. Intervention in gall bladder dysfunction through chiropractic adjustment and nutritional therapy: a case report. [Poster Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

Charles Blum. Chiropractic care of a rock climber's shoulder with FHP (forward head posture): A case report. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

John Edwards, Jeanne Ohm, Charles Blum. Identifying the frequency of perinatal sacroiliac hypermobility indicators in a chiropractic clinic. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

Rachel Hamel. SOT cranial therapy for the treatment of abnormal sensations of the tongue, tinnitus, TMD and neck pain. [Platform Presentation accepted for 2018 ACC/RAC Conference, Dallas, TX.]

2017

K. Bills, J.T. Yorgason, M. Woodbury, S.C. Steffensen “D2 Receptor density increases on dopaminergic terminal in the nucleus accumbens with 6-weeks moderate intensity aerobic exercise,” Mary Lou Fulton Conference, Brigham Young University, Provo, UT (2017)

J.T. Yorgason, S.S. Pistorius, K. Bills, S.C. Steffensen “Ethanol-mediated inhibition of ventral tegmental area gabaergic neurons, and involvement of connexin-36 mediated electrical coupling,” Research Society on Alcoholism, Denver, CO (2017)

Bills, K., Yorgason, J.T., McCarthy, S., Woodbury, M., and Steffensen, S.C. Exercise-induced down-regulation of D2 autoreceptors in the nucleus accumbens. Soc. Neurosci. Absts 42 (2017) 515.06

K. Bills, T. Clarke, J. Brundage, S.C. Steffensen “Peripheral mechanoreceptors mediate changes in mesolimbic GABA and DA neurons via activation of delta opioid receptors,” Society for Neuroscience, Salt Lake City, Utah (2017)

Kettner N, Ellingsen DM, Protsenko E, Mawla I, Kowalski MH, Swensen D, O’Dwyer-Swensen D, Napadow V, Loggia ML. Neural Correlates of Spinal Manipulative Therapy. ACC-RAC conference, 2017, Washington, DC.

Bills K. Effects of Aerobic Exercise Intensity on Dopamine Release in the Nucleus Accumbens. Graduate Research Fair, Brigham Young University (2017)

Bills K. Changes in evoked dopamine release in the nucleus accumbens with moderate exercise” Grad Expo, Brigham Young University, Provo, UT (2017)

Anderson B. Examining medical claims data on the utilization of chiropractic services for treatment of low back pain to determine risk of treatment escalation. 2017 APHA, Atlanta, GA

Remeta EM. Chiropractic sacro-occipital technique (SOT) and cranial treatment model for traumatic brain injury along with monitoring and supplementing for neurotransmitter balance: A case report. 3rd International Conference on Neurological Disorders and Brain Injury. April 18-19, 2017 London, UK.

Remeta EM. Chiropractic cranial treatment model and neuroplasticity in a post stroke 72-year-old male: A case report. 3rd International Conference on Neurological Disorders and Brain Injury. April 18-19, 2017 London, UK.

Remeta EM. Chiropractic cranial treatment protocol increases successful outcome of the multidisciplinary care model for traumatic brain injury(TBI)patients: A case series. 3rd International Conference on Neurological Disorders and Brain Injury. April 18-19, 2017 London, UK.

Benner C, Blum C. CMRT and acupuncture in the treatment of dysmenorrhea (oligomenorhea): A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Bloink T, Blum C. Chiropractic care of a 52-year-old female patient presenting with cervical spine disc replacement surgery with complications: A Case Report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Bloink T, Blum C. Chiropractic care of a 30-year-old male patient presenting with cervical spine disc replacement surgery with complications: A Case Report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Bloink T, Blum C. Chiropractic as part of an interdisciplinary team for the care of a patient with an orbital pseudo tumor: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Blum C. B6 hypervitaminosis during pregnancy with neurological symptoms: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Blum C. Chiropractic conservative care of a patient presenting with carpal tunnel syndrome: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Boro W. Relief of neurological symptoms secondary to surgical removal of thoracic astrocytoma and laminectomy by category I block placement: a case report. 2017 ACC, RAC, WFC, NCLC,

ACA Conferences in Washington DC.

Esposito V, Sr, Esposito V, Jr, Blum C. Trauma induced severe refractory motion sickness disorder treated with sacro occipital technique, applied kinesiology, and cranial chiropractic care: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Ferranti M, Anastasio B, Varnum C. Chiropractic management of a 6-month-old male with deformational plagiocephaly, facial asymmetry, delayed constriction, and abdominal rigidity. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Getzoff H, Blum C. Anterior thoracic adjusting and the relationship to cervical flexion: a retrospective case study of twenty-four patients. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Gleberzon B, Roecker C, Good C, Blum C, Cooperstein R. Toward a Standardized Chiropractic Technique Program: Consensus Results of Two Inter-Collegiate Workshops. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Hagen C. Chest pain and posterior rib misalignment: a differential diagnosis. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Hamel R, Rahimi M, Blum C. Sacro-occipital technique (SOT) cranial therapy with an occlusal splint for the treatment of fibromyalgia and obstructive sleep apnea with blocked sinus. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Holbeck M. Chiropractic treatment of a post-concussion syndrome secondary to volleyball injury in a 14-year-old female: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Klingensmith R, Blum C. Chiropractic manipulative reflex technique (CMRT) treatment for GERD of a 3 year-old male child: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Rosen M, Blum C, Rosen E. Chiropractic care of a two year-old diagnosed with gastroesophageal reflux (GER) and a hiatal hernia (HH): A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Rosen M, Blum C, Rosen E. Resolution of a left sided 5th phalangeal 2nd inter-phalangeal joint stenosing tenosynovitis (trigger finger) in a 2 1/2 year-old female: A case report. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Scoppa J. Treatment of acute TMJ pain and dysfunction with sacro-occipital technique and cranial techniques. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Scoppa, J. Treatment of knee pain in an athlete sprinter with sacro-occipital technique and cranial techniques. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Shirazi D, Gerardo R, Blum C. Dental chiropractic interdisciplinary care of three patients with different conditions yet similar symptom presentation: A case series. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

Sundy D, Blum C. A Multimodal Approach to the Conservative Management of Meniscus Tear. 2017 ACC, RAC, WFC, NCLC, ACA Conferences in Washington DC.

2016

Lisi AJ. Implementation of a novel interprofessional chiropractic clinical residency in the US Department of Veterans Affairs. World Federation of Chiropractic Educational Conference, Montreal, Canada, October 19-22, 2016

Herman PM, Coulter ID. Complementary and Alternative Medicine: Professions or Modalities? Policy Implications for Coverage, Licensure, Scope of Practice, Institutional Privileges, and Research. Presentation at the 2016 International Congress for Integrative Medicine and Health. Las Vegas, May 19, 2016.

Riva JJ, Klowak J, Elsharawi R, Costa A, Whyte R. Medical student attitudes towards research education and opportunities during their training: a cross-sectional survey at McMaster University. Accepted for a poster presentation to the 2016 Cochrane Colloquium: Seoul, South Korea (Oct 23-27, 2016).

McMaster University, Program for Interprofessional Education, Practice & Research (PIPER) program, McMaster University, Hamilton, ON. (November 5, 2016). Lead presenter, facilitator, panel member for education on the role of chiropractors (in context of Complementary & Alternative Health Care) to an audience of 35 medical, physical therapy, occupational therapy, midwifery, physician assistant and social work learners.

Michael G. DeGroot School of Medicine, Hamilton, ON. (October 20, 2015). Co-presenter 1.5-hour didactic workshop to 2nd year medical students on Complementary & Alternative Medicine, as part of the Professional Competencies curriculum.

Herman PM, Coulter ID. Complementary and Alternative Medicine: Professions or Modalities? Policy Implications for Coverage, Licensure, Scope of Practice, Institutional Privileges, and Research. Presentation at the 2016 International Congress for Integrative Medicine and Health. Las Vegas, May 19, 2016.

Ammendolia C, Schneider M, Rampersaud YR, Zickmund S, Ham KM, William K, Stuber K, Lane C. 1) Outcomes in Neurogenic Claudication due to Lumbar Spinal Stenosis: Conceptual Framework, 2) Outcomes in Neurogenic Claudication due to Lumbar Spinal Stenosis: Patients' Perspective. International Back and Neck Pain Forum 2016, Keele University, Buxton, Derbyshire, UK, 31 May – 3 June.

Lisi AJ, Brandt CA. Trends in the use of chiropractic services in the Department of Veterans Affairs. Association of Chiropractic Colleges-Research Agenda Conference, Orlando, FL, March

2016.

Salsbury S, Goertz CM, Twist E, Smith V, Lisi AJ. Doctors of chiropractic working in private sector medical facilities: A descriptive survey. Accepted by ACC-RAC 2016 as a platform presentation.

Dougherty P, Killinger L, Hawk C, Schneider M. Best practices in geriatrics (workshop). Association of Chiropractic Colleges-Research Agenda Conference. Orlando, March 2016.

Russell BS, Hoiriis KT, Hosek RS, Weiner MT. Kinetic and kinematic analysis of walking gait, before and after chiropractic care, following fifth metatarsal fractures. Accepted by ACC-RAC 2016 as platform presentation.

Capes M, Russell BS, Oz M, Hosek RS. Kinetic gait assessment before and after chiropractic lower extremity adjustments. Accepted by ACC-RAC 2016 as platform presentation.

2015

Bitra J, Phung J, Weber II KA, Inoue N, Espinoza Orías AA, Parrish TB. Use of a Novel MRI Compatible Head-Positioning Device for the Three Dimensional Kinematic Analysis of the Cervical Spine in Axial Rotation, American Society of Neuroradiology 53rd Annual Meeting 2015, Chicago, IL.

Canadian Chiropractic Association. National Convention, Niagara Falls, ON. (September 18, 2015). Presenter for a 1.5-hour didactic and small-group workshop on excellence in team-based care.

Pohlman KA, Carroll L, Hartling L, Tsuyuki R, Vohra S. Pediatric chiropractors' attitude and opinion about patient safety culture. *J Chiropr Educ* 2015;29(1):84.

Hewitt E, Pohlman KA, Hestbaek L. Core competencies of the certified pediatric chiropractor: results of a Delphi consensus process. *Oregon Collaborative for Integrative Medicine*, Portland, OR, June 2015.

Schneider MJ, Evans R, Haas M, Leach M, Hawk C, Long C, Cramer G, Walters O, Vihstadt C, Terhorst L. Distance education online intervention for evidence based practice literacy (Platform Presentation). World Federation of Chiropractic Congress - European Chiropractors' Union Convention, Athens, Greece; May 13-16, 2015

Leininger B. Pain reduction and costs of spinal manipulative therapy for older adults with neck pain: a RCT-based cost-effectiveness analysis (Platform Presentation). ACC-RAC 2015, Las Vegas, NV; March 19-21, 2015.

Leininger B. Chronic Neck Pain in Older Adults: Cost-Effectiveness of Spinal Manipulation, Supervised Exercise and Self-Management; Academy Health 2015; Minneapolis, MN; June 14-16, 2015.

Leininger B. Cost-Effectiveness of Spinal Manipulation (Webinar). Academic Consortium for Integrative Medicine and Health; August 10, 2015.

Evans R. Spinal Manipulation for Chronic Low Back and Neck Pain: Best Evidence Update (Keynote Presentation), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

Evans R. Self-Management for Chronic Low Back and Neck Pain: Best Evidence Update and Implications for Practice. (Keynote Presentation), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

Bronfort G. Revisiting the Biopsychosocial Model for Chronic Spine Pain. (Keynote Presentation), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

Evans R, Bronfort G. Comparative Effectiveness Research: Can Randomized Controlled Trials Be More Pragmatic or Should We Use Observational Studies Instead? (Workshop), The Chiropractic & Osteopathic College of Australia's 11th Biennial Conference 2015; Melbourne, Australia; October 9-11, 2015.

Riva J, More A. Collaborative Care: A New Paradigm that Ensures Excellence in Patient Care. Canadian Chiropractic Conference, 18 Sep 2015, Niagara Falls, Canada.

Haldeman S, Hondras M. Developing primary spine care: World Spine Care model and protocols [platform presentation]. 13th World Federation of Chiropractic Biennial Congress, Athens, Greece, 15 May 2015.

Hondras, M, Salsbury S, Nissen N, Johannessen H. Walking sticks for muscle, bone and joint health in rural Botswana: Villager perspectives from the World Spine Care MuBoJo project [poster]. In: Proceedings of the 13th WFC Biennial Congress, p. 145-6. Athens, Greece, 13-16 May 2015.

Hondras, M, Johannessen H, Hartvigsen J, Myburgh C, Haldeman S. Should healthcare in rural Botswana focus on integration and group activities to ease the burdens associated with muscle, bone and joint disorders? The World Spine Care MuBoJo project [poster]. In: Proceedings of the 13th WFC Biennial Congress, p. 145. Athens, Greece, 13-16 May 2015.

Petrie, MA, Suneja, M, Faidley, E, Shields, RK. Low force contractions induce fatigue consistent with muscle mRNA expression in people with spinal cord injury. APTA CSM 2015

Nate Hinkeldey, Michael Olson, Michael Petrie, and Nicole Ingrand. Interdisciplinary Care Models: Working Together to Benefit the Patient. Palmer College, Florida Homecoming 2015

Petrie MA. Muscle Physiology Review: The use of physiology during patient evaluation and care. Palmer College, Florida Homecoming 2015

Petrie MA, McHenry CL, Suneja M, Shields RK. “Muscle Metabolic Gene Expression Following Three Stressors: Mechanical (vibration), Systemic Heat Stress, And Muscle Activation,” American College of Sport Medicine, Annual Conference: Exercise is Medicine 2015

Russell BS, Hosek R, Hoiriis KT. Kinetic gait evaluation of three patients with foot and ankle injuries, before and after a limited protocol of chiropractic care [conference abstract]. *J Chiropr Educ*. 2015; 29(1): 103. DOI 10.7899/JCE-14-34.

Dudley-Javoroski S, McHenry CL, Petrie MA, Shields RK. “Bone Architecture Adaptations after Spinal Cord Injury: Impact of Long Term Vibration of a Constrained Lower Limb,” American College of Sport Medicine, Annual Conference: Exercise is Medicine 2015
Michael Petrie, D.C., Ph.Dc. Muscle Physiology Review: The use of physiology during patient evaluation and care. Palmer College, Florida Homecoming 2015

Gay CW, Bishop MD. “Longitudinal assessment of pressure pain sensitivity following an acute muscular injury and manual therapy” Accepted for poster presentation at the 13th WFC Congress, May 13-16th, 2015 Athens, Greece.

2014

Pohlman KA, O’Beirne M, Thiel H, Cassidy JD, Mior S, Hurwitz EL, Westaway M, Ishaque S, Yager JY, Vohra S. Development and validation of instruments to evaluate adverse events after spinal manipulation therapy. *J Altern Complement Med* 2014;20(5):A49.

Petrie, MA, Johanns, JJ, Kockler, AM, Shields, RK. Muscle Electrical Stimulation Enhances Learning from Unexpected Events induced during a Single Limb Task, American College of Sport Medicine, Annual Conference: Exercise is Medicine 2014

Nate Hinkeldey, Michael Olson, Michael Petrie, and Mike Tunning. Interdisciplinary Care Models: Working Together to Benefit the Patient. Palmer College, Davenport Homecoming 2014

Spurgin K, Gutierrez R, Prien A, Curras-Collazo M. “Cardiovascular toxicity and sympathetic nervous system disruption following developmental exposure to organohalogen pollutant” Center for Neuronal-Glial Interactions (CGNI), University of California, Riverside, January 2014

Russell BS, Hosek R, Hoiriis KT, Linkhorn AE. Kinetic evaluation of gait in an injured football player before and after chiropractic care [conference abstract]. *J Chiropr Educ* 2014;28(1):97.

Ron Boesch, Dave Juehring, Michael Petrie, and Mike Tunning. An Overview of Movement Development, Injury and Recovery. Palmer College, Davenport Homecoming 2014

Spurgin, K., Gutierrez, R., Prien, A., and M. C. Curras-Collazo Sympathetic nervous system disruption following developmental exposure to organohalogen pollutants, Center for Neuronal-Glial Interactions (CGNI), University of California, Riverside, January 2014.

Spurgin, K., Gutierrez, R., Prien, A., and M. C. Curras-Collazo “Developmental PBDE Exposure Increases Blood Pressure and Hypothalamic-Pituitary-Adrenal Axis Activity in Osmotic Challenged Rats” American Autonomic Society, November 2014

Petrie MA, Johanns JJ, Kockler AM, Shields RK. Muscle Electrical Stimulation Enhances Learning from Unexpected Events induced during a Single Limb Task, American College of Sport Medicine, Annual Conference: Exercise is Medicine 2014

Hinkeldey N, Olson M, Petrie MA, Tunning M. Interdisciplinary Care Models: Working Together to Benefit the Patient. Palmer College, Davenport Homecoming 2014

Boesch R, Juehring D, Petrie MA, Tunning M. An Overview of Movement Development, Injury and Recovery. Palmer College, Davenport Homecoming 2014

Gay CW, Letzen JE, Craggs JG, Robinson ME, Bishop MD. “Longitudinal assessment of connectivity across resting-state networks in a model of acute low back pain” Poster presentation at the International Association for the Study of Pain’s 15th World Congress of Pain, Buenos Aires, Argentina, October 6-11, 2014

Gay CW. “Changes in Resting-State Functional Connectivity following Acute Muscular Injury and Manual Therapy” Oral Presentation at the 2014 Neuromuscular Plasticity Noons, Gainesville, FL July 26th 2014

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