



“Under normal conditions the research scientist is not an innovator but a solver of puzzles.” ~Thomas Kuhn

Publications

Alexander JL, Sartor-Glittenberg C, Bordenave E, Bordenave L. Effect of the Matter of Balance program on balance confidence in older adults. *GeroPsych (Bern)*. 2015;28(4):183-189. [Abstract](#).

Baum KR [student], **Ahmad Z, Singh VK.** Regulation of expression of oxacillin-inducible methionine sulfoxide reductases in *Staphylococcus aureus*. *Int J Microbiol*. 2015;2015:617925. [Full text](#).

Bierwas D [alum], **Leafman J,** Wallace L [adjunct], Shaw D, Fehrer S. Physical therapy clinical instructor self-reported evidence-based practice use. *Internet J Allied Health Sci Pract*. 2015;13(4):1. [Full text](#).

Cozzi AL [student], Dunn KL [student], Harding JL [student], **Valovich McLeod TC, Welch Bacon CE.** Kinesiophobia after anterior cruciate ligament reconstruction in physically active individuals. *J Sport Rehabil*. 2015;24(4):434-439. [Abstract](#).

Gage CC [resident], **Huxel Bliven KC, Bay RC,** Sturgill JS [alum], **Park JH.** Effects of mouthguards on vertical dimension, muscle activation, and athlete preference: a prospective cross-sectional study. *Gen Dent*. 2015;63(6):48-55. [Journal issue](#).

Gonzalo-Skok O, Serna J, **Rhea MR,** Marín PJ. Relationships between functional movement tests and performance tests in young elite male basketball players. *Int J Sports Phys Ther*. 2015;10(5):628-638. [Full text](#).

Halupa C, Henry M. Using VineUp to match students with alumni industry mentors in engineering: a pilot study. *Int J High Educ*. 2015;4(4):105-112. [Full text](#).

Hoch JM, Druvenga B, Ferguson BA, **Houston MN,** Hoch MC. Patient-reported outcomes in male and female collegiate soccer players during an athletic season. *J Athl Train*. 2015;50(9):930-936. [Full text](#).

Hogg RJ, **Bay RC,** Jennette JC, Sibley R, Kumar S, Ferverza FC, Appel G, Cattran D, Fischer D, Hurley RM, Cerda J, Carter B, Jung B, Hernandez G, Gipson D, Wyatt RJ. Randomized controlled trial of mycophenolate mofetil in children, adolescents, and adults with IgA nephropathy. *Am J Kidney Dis*. 2015;66(5):783-791. [Abstract](#).

Houston MN, Hoch JM, Hoch MC. Patient-reported outcome measures in individuals with chronic ankle instability: a systematic review. *J Athl Train*. 2015;50(10):1019-1033. [Full text](#).

Publications, continued

Houston MN, Hoch JM, Van Lunen BL, Hoch MC. The development of summary components for the Disablement in the Physically Active scale in collegiate athletes. *Qual Life Res.* 2015;24(11):2657-2662. [Full text.](#)

Hunter Buskey RN [alum], **Mathieson K**, **Leafman JS**, Feinglos MN. The effect of blood glucose self-monitoring among inmates with diabetes. *J Correct Health Care.* 2015;21(4):343-354. [Abstract.](#)

Kerr ZY, Marshall SW, Simon JE, Hayden R, Snook EM, Dodge T, Gallo JA, **Valovich McLeod TC**, Mensch J, Murphy JM, Nittoli VC, Dompier TP. Injury rates in age-only versus age-and-weight playing standard conditions in American youth football. *Orthop J Sports Med.* 2015;3(9):2325967115603979. [Full text.](#)

Kerr ZY, Yeargin SW, **Valovich McLeod TC**, Mensch J, Hayden R, Dompier TP. Comprehensive coach education reduces head impact exposure in American youth football. *Orthop J Sports Med.* 2015;3(10):2325967115610545. [Full text.](#)

Kim SY, Bayome M, **Park JH**, Kook YA, Kang JH, Kim KH, Moon HB. Evaluation of the facial dimensions of young adult women with a preferred facial appearance. *Korean J Orthod.* 2015;45(5):253-260. [Full text.](#)

Kook YA, **Park JH**, Bayome M. Space regaining with modified palatal anchorage plates. *J Clin Orthod.* 2015;49(9):587-595. [Full text.](#)

Kook YA, **Park JH**, Kim Y, Ahn CS, Bayome M. Sagittal correction of adolescent patients with modified palatal anchorage plate appliances. *Am J Orthod Dentofacial Orthop.* 2015;148(4):674-684. [Full text.](#)

Leafman J, **Mathieson K**. Online instructor perceptions of social presence and educational use of social media. *Adv Soc Sci Res J.* 2015;2(11):85-96. [Abstract.](#)

Lockwood MD, **Kondrashova T**, **Johnson JC**. Feasibility of using ultrasonography to establish relationships among sacral base position, sacral sulcus depth, body mass index, and sex. *J Am Osteopath Assoc.* 2015;115(11):648-653. [Full text.](#)

Mann JB, Ivey PA, Stoner JD, Mayhew JL, **Brechue WF**. Efficacy of the National Football League-225 test to track changes in one repetition maximum bench press after training in National Collegiate Athletic Association Division IA football players. *J Strength Cond Res.* 2015;29(11):2997-3005. [Abstract.](#)

McGovern LA, **Spolarich AE**, Keim R. A survey of attitudes, behaviors, and needs of team dentists. *Gen Dent.* 2015;63(6):61-66. [Journal issue.](#)

McIsaac TL, Benjapalakorn B. Allocation of attention and dual-task effects on upper and lower limb task performance in healthy young adults. *Exp Brain Res.* 2015;233(9):2607-2617. [Full text.](#)

Patel H, **Goldstein LB**. Is there a role for NSAIDs in patients with cardiovascular disease? *Pract Pain Manag.* 2015;15(7):70-74. [Full text.](#)

Priest SM [student], **Geisbuhler TP**. Injectable sodium pentobarbital: stability at room temperature. *J Pharmacol Toxicol Methods.* 2015;76:38-42. [Abstract.](#)

Richardson CJ [student]. The PA profession and substance use disorder. *JAAPA.* 2015;28(9):11-14. [Full text.](#)

Shanahan CA, **Lewis J**. Perceptions of interprofessional clinical simulation among medical and nursing students: a pilot study. *J Interprof Care.* 2015;29(5):504-506. [Full text.](#)

Publications, continued

Snider KT, Dowling DJ, Seffinger MA, Channell MK, Yao SC, Gustowski SM, **Johnson JC**, Pryor MJ. Effect of table trainer-to-student ratios on outcome in student assessments of cervical muscle energy techniques. *J Am Osteopath Assoc.* 2015;115(9):556-564. [Full text.](#)

Tai K [adjunct], **Park JH**, Tai H, Hayashi K, Yanagi Y, Asaumi J, Iida S. 3-Dimensional accuracy of magnetic resonance imaging images: a vitrocomparison of magnetic resonance imaging and cone-beam computed tomography. *J Japan Assoc Adult Orthodon.* 2015;22(2):2-9.

Thomas CC [alum], Wallace L [adjunct], **Alexander J**, Vijayan A. The relationship between the use of adult dementia day care and caregiver quality of life. *Perspect Gerontol.* 2015;20(3):104-115. [Abstract.](#)

Waddington EL [alum], **Snider KT**, **Lockwood MD**, **Pazdernik VK**. Incidence of somatic dysfunction in healthy newborns. *J Am Osteopath Assoc.* 2015;115(11):654-665. [Full text.](#)

Presentations and abstracts

* indicates presenter

Anidi L [alum]*, Curtis D. Effect of performing warm-up and cool-down exercises on the flexibility of the calf and hamstring prior to a 50 minute workout. Presented at: 143rd American Public Health Association Annual Meeting; October 31-November 4, 2015; Chicago, IL.

Ball KC [student]*, McDaniel DJ [fellow], **Bhatia S**, **Webb SJ**, **Bellinger BS**, **Degenhardt BF**. Objective characteristics of osteopathic medical students performing rotational testing of lumbar vertebral segments. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: *J Am Osteopath Assoc.* 2015;115(12):e96-98.

Bartochowski ZM [CRDP student]*, Giles D [CRDP student], **Pazdernik V**, **Degenhardt B**. Analysis of tissue hysteresis of contracted vs relaxed muscles. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: *J Am Osteopath Assoc.* 2015;115(12):e46-47.

Berger J [student]*. Comparison of oral health effects of electronic cigarettes with conventional cigarettes. Poster presented at: 156th American Dental Association Annual Session 2015; November 5-8, 2015; Washington, DC.

Bernstein J*, **Konecny LT**, **Sheppard ME**. Assessment and enhancement of a university worksite wellness program. Presented at: Texas Society for Public Health Education Conference; October 23, 2015; Austin, TX.

Breitzke B [student]*, Naylor K [student], **Bhatia S**, **Pamperin K**, **Degenhardt B**, **Snider E**. Is accuracy of diagnosis dependent on the positioning of the patient during an osteopathic evaluation? Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: *J Am Osteopath Assoc.* 2015;115(12):e56-57.

Bruning A [student]*, Werman C [student], Daering N [fellow], Piatt C [student], **Bhatia S**, **Bellinger B**, **Webb S**, **Degenhardt B**. Assessing the influence of examiner characteristics on palpatory force in osteopathic medical students. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: *J Am Osteopath Assoc.* 2015;115(12):e101-102.

Degenhardt BF*, **Johnson JC**, Gross SR, Hagan C, Lund G, Curry WJ. Preliminary findings on the use of osteopathic manipulative treatment: outcomes during the formation of the practice-based research network, DO-Touch.NET. Presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL.

Presentations and abstracts, continued

Dishman L*. Improving hospitals' patient experience, revenue cycle management, and financial performance by utilizing an expanded Donabedian's structure-process-outcome framework. Poster presented at: International Hospital Federation 39th World Hospital Congress; October 6-8, 2015; Chicago, IL.

Eljdid G [student], Daering N [fellow]*, Tilton E [fellow], Bellinger C [student], McDaniel D [fellow], **Degenhardt B, Pazdernik V, Snider E**. Assessing the efficacy of objective feedback on palpatory skill development in osteopathic medical students. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e84-86.

Ghosh P [student]*, Espinoza M [student], Mudon K [student]. Correlation of force and displacement on diagnostic accuracy using lumbar segmental motion testing. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e114-116.

Gold J*, Tomar SL, Catalanotto F. Oral health needs of WIC children and women in North Central Florida. Presented at: 143rd American Public Health Association Annual Meeting; October 31-November 4, 2015; Chicago, IL.

Kinne BL [student]*, **Leafman JS**. Effectiveness of the Parnes particle repositioning maneuver for posterior canal benign paroxysmal positional vertigo. Poster presented at: Michigan Physical Therapy Association Fall Conference; October 16-17, 2015; Thompsonville, MI.

Konecny LT*, **Bernstein J, Sheppard ME**. Online wellness resources for graduate-level students: self-directed or facilitated? Presented at: 143rd American Public Health Association Annual Meeting; October 31-November 4, 2015; Chicago, IL.

Landon C, Connell D*, Kristin M, **Olsen L** (additional presenter Crispin M*). My Healthy World: beta testing a school health e-curriculum for grades 3-6. Presented at: 143rd American Public Health Association Annual Meeting; October 31-November 4, 2015; Chicago, IL.

Lao D [student]*, Hazama D [student], Miller J [student], Yanagida J [student], **Lewis J, Adams C**. Mini-Doc Program: community-oriented asthma education at Kamaile Academy in Waianae, Hawaii. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e132.

Lewis JH*, Rankin J. Community-oriented primary care: incorporate population health into osteopathic medical education and practice. Presented at: American Osteopathic Association of Medical Informatics Society Conference; October 17-21, 2015; Orlando, FL.

Lewis JH, Rankin J*. Medical informatics tools to promote community-oriented primary care: hands-on workshop. Presented at: American Osteopathic Association of Medical Informatics Society Conference; October 17-21, 2015; Orlando, FL.

Loeben G*. Exploring the ethical underpinnings of healthcare workers' refusal to participate: Ebola, the flu vaccine, and conscientious objection. Presented at: 17th Annual Meeting of the American Society for Bioethics and Humanities; October 22-25, 2015; Houston, TX.

Makin IRS, Pedapati C, Heath DM*. Multi-sensor optical and ultrasound-based assessment of micro- and segmental flow changes in lower extremity following controlled physiologic provocations. Poster presented at: Fourth International Fascia Research Congress; September 18-20, 2015; Washington, DC.

Presentations and abstracts, continued

Mangum K [student]*, Giles G [student], Miller J, **Robinson W**. Evaluation of musculoskeletal competency in osteopathic medical students and their faculty. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e75-77.

McIsaac T*. Walking and driving: dual task and multi-limb control in Parkinson's disease. Presented at: Arizona Parkinson's Disease Research Summit; October 8, 2015; Phoenix, AZ.

Monsef E [student]*, **Makin I, Reisbick M**. Gaming and e-learning platforms for dental teaching. Presented at: American Association for Dental Research Arizona Chapter Fall Meeting; October 15, 2015; Glendale, AZ.

Napier S [alum]*, **Mathieson K**, Belden C, Cheek D. Where have all the new grads gone? How nurse leaders can attract newly graduated nurses to medical-surgical. Poster presented at: Nursing Management Congress 2015; October 13-17, 2015; Lake Buena Vista, FL.

Olsen LK*, Peña De La Cruz A*. How does your school respond to grief crises? Presented at: American School Health Association 2015 School Health Conference; October 15-17, 2015; Orlando, FL.

Peckskamp LJ [resident]*, **Burchett K, Pazdernik VK**. Assessment of ear, nose, throat knowledge in osteopathic primary care residents and medical students. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e28.

Peternell BP [resident]*, **Snider E, Pazdernik V, Houser J, Webb S, Degenhardt B**. A 3-dimensional infrared kinematic method for detection of inherent slow rhythmic cranial motion. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e26-27.

Ramaraj P*. In-vitro anti-cancer actions of progesterone on human melanoma (BLM) cells, based on rescue and recovery studies of cell growth, adhesion and migration functions. Presented at: 9th Indo Global Summit on Cancer Therapy; November 2-4, 2015; Hyderabad, India. Abstract published in: J Cancer Sci Ther. 2015;7(10):36.

Ramaraj P*. Is melanoma a hormone-dependent cancer? Presented at: 9th Indo Global Summit on Cancer Therapy; November 2-4, 2015; Hyderabad, India. Abstract published in: J Cancer Sci Ther. 2015;7(10):46.

Shanti SD*. Why mama must read and how to make it happen: eradicating female illiteracy within one generation. Presented at: Northwestern University Global Health Interdisciplinary Symposium; November 19-20, 2015; Chicago, IL.

Snider E*, Pamperin K, Pazdernik V, Degenhardt B. Influence of landmark localization on palpation accuracy of bronze lumbar spine models. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e111.

Tate ML [student]*, Skountrianos G, Kuriata MA, Bangash S, **Cleaver LJ**, Kollmann EL, **Sexton WL**, Cullum ME. Descriptive study of Mohs surgical wounds managed with a collagen ECM dressing or standard wound care. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e77.

Thethi I, Thomas K [student]*, Mallas-Serdynski L. Increased adherence to patient follow-up visits within 7 days in heart failure patients is associated with reduced readmission rates in Michigan and Wisconsin. Presented at: American Heart Association Scientific Sessions 2015; November 7-11, 2015; Orlando, FL.

Presentations and abstracts, continued

Tilton EE [fellow]*, Bellinger CM [student], **Bellinger BS, Pazdernik VK, Degenhardt BF**. Assessing the effect of examiner fatigue on palpation accuracy. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e109-110.

Valovich McLeod TC*. Concussion: prevention through education. Presented at: Sport Concussion Summit; September 24, 2015; Ann Arbor, MI.

Waldron LC [student]*, Growney DJ. Wound healing after laparoscopic surgery: a retrospective comparison of suture and surgical adhesive tape in skin closure. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e120-121.

Weatherford R [student]*, Iser J. Use of lean principles, practices, and methodologies to realign best practice initiatives: evidenced benefit from an internal Lean Certification program. Presented at: 2015 Lean Six Sigma Healthcare Symposium; October 23, 2015; North Charleston, SC.

Werman CR [student]*, Bruning A [student], Benoit J [student], **Pazdernik V, Bellinger B, Webb E, Degenhardt B**. Relating accuracy of asymmetrical assessment of osteopathic medical students in directional diagnosis on standardized pelvic models and humans. Poster presented at: American Osteopathic Association 59th Annual Research Conference; October 17-21, 2015; Orlando, FL. Abstract published in: J Am Osteopath Assoc. 2015;115(12):e116-117.

Zegarra-Parodi R*, **Pazdernik VK**, Roustit M, Park PY [student], **Degenhardt BF**. Effects of pressure applied during standardized spinal mobilizations on peripheral skin blood flow: a randomized cross-over study. Presented at: International Conference on Research in Osteopathic Medicine; October 24, 2015; Ghent, Belgium.

Sorry we missed you last time

Kennedy A*. An intimate partner violence prevention program for healthcare students. Poster presented at: 20th International Summit and Training on Violence, Abuse, and Trauma; August 23-26, 2015; San Diego, CA.

Leder DC [student], Brown JR, **Ramaraj P**. In-vitro rescue and recovery studies of human melanoma (BLM) cell growth, adhesion and migration functions after treatment with progesterone. Int J Clin Exp Med. 2015;8(8):12275-12285. [Full text](#).

Pettit GR, Tan R, **Pettit RK**, Doubek DL, Chapuis JC, Weber CA. Antineoplastic agents 596. Isolation and structure of chromomycin A₅ from a Beaufort Sea microorganism. RSC Adv. 2015;5(12):9116-9122. [Abstract](#).

Congratulations

Chase Taylor, a third-year student at the Arizona School of Dentistry & Oral Health, represented A.T. Still University at the 51st Annual Colgate Dental Students' Conference on Research in Gaithersburg, Md., from October 25-27. Only 50 students nationwide are chosen to participate in this prestigious conference that is designed to prepare dental students for a career in research.