

ATSU RESEARCH

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Image (nerve fibers near a putative muscle spindle) courtesy of Dr. Keith Elmslie and Dr. Ranuka Ramachandra

“The outcome of any serious research can only be to make two questions grow where only one grew before.” ~Thorstein Veblen

Publications

Aldrich RM, **Gupta J**, Rudman DL. [“Academic innovation in the service of” what? The scope of North American occupational science doctoral graduates’ contributions from 1994-2015.](#) J Occup Sci. 2018;25(2):270-282.

Aranake-Chrisinger A, Cheng JZ, Muench MR [student], Tang R, Mickle A, Maybrier H, Lin N, Wildes T, Lenze E, Avidan MS. [Ability of postoperative delirium to predict intermediate-term postoperative cognitive function in patients undergoing elective surgery at an academic medical centre: protocol for a prospective cohort study.](#) BMJ Open. 2018;8:e017079.

Broglio SP, **Williams RM**, Rettmann AN, Moore B, Eckner J, Meehan SK. [No seasonal changes in cognitive functioning among high school athletes: implementation of a novel electrophysiological measure and standard clinical measures.](#) Clin J Sport Med. 2018;28(2):130-138.

Chamberlain NR, Sexton PS, Hardee MR, Baer RW. [Physician-mentored patient rounds to observe and assess entrustable professional activities 1 and 2 in preclinical medical students.](#) J Am Osteopath Assoc. 2018;118(3):199-206.

Chung CH, Tadlock LP, Barone N, Pangrazio-Kulbersh V, Sabott DG, Foley PF, Trulove TS, **Park JH**, Dugoni SA. [American Board of Orthodontics: time for change.](#) Am J Orthod Dentofacial Orthop. 2018;153(3):321-323.

Davis JM, Janczukowicz J, Steward J, Quinn B, Feldman CA. [Interprofessional education in dental education: an international perspective.](#) Eur J Dent Educ. 2018;22(suppl 1):10-16.

Degenhardt BF, Johnson JC, Brooks WJ, Norman L. [Characterizing adverse events reported immediately after osteopathic manipulative treatment.](#) J Am Osteopath Assoc. 2018;118(3):141-149.

Duong MT, Cothron AE, Lawson NC, Doherty EH. [U.S. dental schools’ preparation for the Integrated National Board Dental Examination.](#) J Dent Educ. 2018;82(3):252-259.

Ecker DJ, Milan FB, Cassese T, Farnan JM, Madigosky WS, Massie FS Jr, Mendez P, **Obadia S**, Ovitsh RK, Silvestri R, Uchida T, Daniel M. [Step up—not on—the Step 2 Clinical Skills exam: Directors of Clinical Skills Courses \(DOCS\) oppose ending Step 2 CS.](#) Acad Med. 2018;93(5):693-698.

Everman S, Farris JW, Daniels JT. [Active voice: never stop moving.](#) Sports Med Bull. April 2018.

Publications, continued

Giolo JS, Costa JG, da Cunha-Junior JP, Pajuaba AC, Taketomi EA, de Souza AV, Caixeta DC, Peixoto LG, de Oliveira EP, **Everman S**, Espindola FS, Puga GM. [The effects of isoflavone supplementation plus combined exercise on lipid levels, and inflammatory and oxidative stress markers in postmenopausal women](#). *Nutrients*. 2018;10(4):424.

Gold J. [Silver diamine fluoride arrests caries in primary teeth](#). *J Evid Based Dent Pract*. 2018;18(1):88-90.

Goldstein LB, Dillenberg J. [Dentistry as an effective entry into primary care: the dental school-community health center collaboration](#). *Compend Contin Educ Dent*. 2018;39(4):212-213.

Golec SJ [alum], **Valier AR**. [The effect of following clinical practice guidelines on the pain and disability outcomes of patients with low back pain: a critically appraised topic](#). *J Sport Rehabil*. 2018;27(2):189-193.

Heard JT, Degenhardt BF. [A focus on research at the first school of osteopathic medicine](#). *J Am Osteopath Assoc*. 2018;118(3):133-135.

Hickman SR, **Mathieson KM**, Bradford LM, Garman CD, Gregg RW, Lukens DW. [Randomized trial of oral versus intravenous acetaminophen for postoperative pain control](#). *Am J Health Syst Pharm*. 2018;75(6):367-375.

Hirai DM, Craig JC, Colburn T, Eshima H, Kano Y, **Sexton WL**, Musch T, Poole DC. [Skeletal muscle microvascular and interstitial PO₂ from rest to contractions](#). *J Physiol*. 2018;596(5):869-883.

Huber GA [alum], Priest SM [student], **Geisbuhler TP**. [Cardioprotective effect of hydroxysafflor yellow A via the cardiac permeability transition pore](#). *Planta Med*. 2018;84(8):507-518.

Hudman DA, Sargentini NJ. [Prevalence of tick-borne pathogens in Northeast Missouri](#). *Mo Med*. 2018;115(2):162-168.

Johnson JC, Degenhardt BF, Smith CK, Wolf TM, **Peterson DF**. [Tool for predicting medical student burnout from sustained stress levels: factor analysis of the Medical Education Hassles Scale-R](#). *J Am Osteopath Assoc*. 2018;118(3):170-180.

Lam KC, Nelson CP [alum], **Huxel Bliven KC, Snyder Valier AR**. [Evaluation and assessment patterns of sport-related knee sprains at the point-of-care: a report from the Athletic Training Practice-Based Research Network](#). *Athl Train Sports Health Care*. 2018;10(2):69-75.

Matthews E. [Acute kidney injury and iodinated contrast media](#). *Radiol Technol*. 2018;89(5):467CT-477CT.

McCoy L, Pettit RK, Kellar C, Morgan C. [Tracking active learning in the medical school curriculum: a learning-centered approach](#). *J Med Educ Curric Dev*. 2018;5:2382120518765135.

Michener LA, Abrams JS, **Huxel Bliven KC, Falsone S**, Laudner KG, McFarland EG, Tibone JE, Thigpen CA, Uhl TL. [National Athletic Trainers' Association position statement: evaluation, management, and outcomes of and return-to-play criteria for overhead athletes with superior labral anterior-posterior injuries](#). *J Athl Train*. 2018;53(3):209-229.

Park JH, Kim S, Lee YJ, Bayome M, Kook YA, Hong M, Kim Y. [Three-dimensional evaluation of maxillary dentoalveolar changes and airway space after distalization in adults](#). *Angle Orthod*. 2018;88(2):187-194.

Peterson S [adjunct]. [Telerehabilitation booster sessions and remote patient monitoring in the management of chronic low back pain: a case series](#). *Physiother Theory Pract*. 2018;34(5):393-402.

Ramaraj P. In-vitro effect of steroids on melanoma cell growth: a prelude to melanoma treatment? *J Cancer Ther*. 2018;9(4):338-350.

Publications, continued

Sandefur K [student], **Kondrashova T**. [Increasing self-awareness of medical students through the use of ultrasonography](#). J Am Osteopath Assoc. 2018;118(3):190-198.

Sartor-Glittenberg C, Bordenave E, Bay C, Bordenave L, Alexander JL. [Effect of a Matter of Balance programme on avoidance behaviour due to fear of falling in older adults](#). Psychogeriatrics. 2018;18(3):224-230.

Singh VK, Sirobhusanam S, Ring RP [student], Singh S, Gatto C, Wilkinson BJ. [Roles of pyruvate dehydrogenase and branched-chain \$\alpha\$ -keto acid dehydrogenase in branched-chain membrane fatty acid levels and associated functions in *Staphylococcus aureus*](#). J Med Microbiol. 2018;67(4):570-578.

Slaughter NJ [student], Belant A [student], **Welch Bacon CE**. [Current evidence does not support the accuracy of aural thermometry for core body temperature as compared to rectal thermometry](#). Athl Train Sports Health Care. 2018;10(3):105-107.

Snider EJ, Pamperin K, **Pazdernik V, Degenhardt BF**. [Influence of transverse process landmark localization on palpation accuracy of lumbar spine models](#). J Am Osteopath Assoc. 2018;118(3):151-158.

Snider KT, Redman CL, Edwards CR [resident], **Bhatia S, Kondrashova T**. [Ultrasonographic evaluation of the effect of osteopathic manipulative treatment on sacral base asymmetry](#). J Am Osteopath Assoc. 2018;118(3):159-169.

Soin A, Bock G, Giordano A, Patel C, Drachman D [adjunct]. [A randomized, double-blind study of the effects of a sustained release formulation of sodium nitrite \(SR-nitrite\) on patients with diabetic neuropathy](#). Pain Physician. 2018;21(2):179-190.

Uzuka S, Chae JM [visiting scholar], Tai K [adjunct], Tsuchimochi T, **Park JH**. [Adult gummy smile correction with temporary skeletal anchorage devices](#). J World Fed Orthod. 2018;7(1):34-46.

Valovich McLeod TC, Shepard LI [alum], **Bay RC, Williams RM**. [Reports of concussion history and newly diagnosed concussions are higher among students with self-reported learning disabilities and attention deficit hyperactivity disorder](#). Athl Train Sports Health Care. 2018;10(2):64-68.

Vincel GW [student], Fuszner CD [adjunct], Pratt T [alum]. [Complete sagittal root fracture: case report](#). Dent Today. 2018;37(5):113-115.

White DM [alum], Stephens P [adjunct]. [State of evidence-based practice in physician assistant education](#). J Physician Assist Educ. 2018;29(1):12-18.

White EJ, Lewis JH, McCoy L. [Gaming science innovations to integrate health systems science into medical education and practice](#). Adv Med Educ Pract. 2018;9:407-414.

Presentations and abstracts

Ackroyd A. Louder together: bridging departmental divides to build a united social media presence. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Ahmad Z. Selective inhibition ATP synthase in combating microbial infections. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):797.1.

Presentations and abstracts, continued

Allgood JA, Rea M, Knight A, **Morgan C**. Strategies to address student and resident wellness: bridging the standards of UME and GME. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Allgood JA, **Steffans S**, **Whelihan KE**, **Lewis JH**. Attitudes towards people experiencing homelessness among students, preceptors, and faculty. Poster presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Brown AG [student], Thapa M, Hooker JW IV, **Ostrowski TD**. Impaired chemoreflex response to acute hypoxia correlates with decreased activation of the medial nucleus tractus solitarius in the STZ-induced rat model of Alzheimer's disease. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):545.3.

Brown K [student], **Sexton WL**. Effect of atorvastatin on interstitial PO₂ in skeletal muscle of rats. Presented at: 8th Annual Philadelphia College of Osteopathic Medicine Research Day; May 9, 2018; Philadelphia, PA.

Buell JH [student], Avigliano JD [student], **Schrant BL**, **Sexton WL**. Diaphragm function before and after neuromuscular blockade in rats. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):743.11.

Chamberlain NR, **Baer R**, **Hardee M**, **Sexton P**. What students say when physicians ask them to call a patient and discuss test results. Poster presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Crutchfield JM. The (re)education of the educators: teaching anatomy. Presented at: Association for Surgical Education Annual Meeting; May 1-3, 2018; Austin, TX.

Diamant R, Nealon B. The relationships between visual-perceptual-motor skills, sensory processing behaviors, and handwriting in school-age children with autism. Poster presented at: 2018 American Occupational Therapy Association Annual Conference; April 19-22, 2018; Salt Lake City, UT.

Dishman L. How does patient experience predict operating margins and cash-flow margins of U.S. for-profit, non-profit, and governmental hospitals? Presented at: 2018 Michigan Academy of Science, Arts and Letters Annual Conference; March 9, 2018; Mt. Pleasant, MI.

Dishman L. Patient experience as a predictor of operating margins and cash-flow margins of United States for-profit, non-profit, and governmental hospitals. Presented at: 2018 Industry Studies Conference; May 30-June 1, 2018; Seattle, WA.

Fick J, **Dishman L**, **Adler K**, **Williams L**. Leadership-competency gaps of health administration graduates: what does the industry tell us? Presented at: 2018 Michigan Academy of Science, Arts and Letters Annual Conference; March 9, 2018; Mt. Pleasant, MI.

Finch C, **Makin IR**. Longitudinal ultrasound curriculum: a reality. Presented at: Arizona Osteopathic Medical Association 96th Annual Convention; April 11-15, 2018; Scottsdale, AZ.

Gohlke E, **Fallone K**, **Spolarich AE**. Training dental hygiene students to care for individuals with special needs. Poster presented at: Special Care Dentistry Association 30th Annual Meeting; April 27-29, 2018; Seattle, WA.

Gold J. How to read systematic reviews in evidence-based practice. Presented at: 2018 American Dental Education Association Annual Session; March 17-20, 2018; Orlando, FL.

Presentations and abstracts, continued

Gold J. Silver diamine fluoride for caries control. Presented at: 2018 National Oral Health Conference; April 16-18, 2018; Louisville, KY.

Goldstein L. Improving underserved health through clinical training at CHCs. Presented at: National Rural Health Association Annual Rural Health Conference and Health Equity Conference; May 8-11, 2018; New Orleans, LA.

Harris N [alum], **Welch Bacon CE.** Using active and student-centered learning techniques to promote higher-order thinking in athletic training students. Presented at: 7th Biennial Southeast Athletic Trainers' Association Athletic Training Educators' Conference; March 9, 2018; Atlanta, GA.

Hassan S, Rizk A, Motawle AG, Abdelfattah SM, **Ramaraj P.** Protective effect of silybin against verapamil-induced hepatotoxicity in rats. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):511.3.

Hintz M [student], Ernest TL [student], **Kondrashov P.** Use of contralateral knee as control in the destabilization of medial meniscus osteoarthritis rat model. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):640.4.

Howell S, Hnin MMT, Michaelis R, **Trombly C, Spolarich A, Dillenberg J, Cottam W.** Expanding dental workforce training within collaborative, team-based care. Presented at: 2018 American Dental Education Association Annual Session; March 17-20, 2018; Orlando, FL.

Jackson TM [student], **Stanley EM, Ostrowski TD, Middlemas DS.** Ghrelin, a potential antidepressant in adult rats, does not reduce depressive-like symptoms in juvenile rats. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):554.3.

Keenan G, **Lukavsky T, Spolarich AE.** Coping with chronic illness. Presented at: Special Care Dentistry Association 30th Annual Meeting; April 27-29, 2018; Seattle, WA.

Kinney KE [student], **Robbins GB, Brechue WF.** Carbonic anhydrase inhibition does not impact force generation or fatigue following sustained voluntary maximal isometric contractions. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):852.2.

Kristensen V [student], **Perry M, Spolarich AE.** Assisted pet therapy in the dental setting. Presented at: 47th Annual Meeting of the American Association for Dental Research; March 21-24, 2018; Fort Lauderdale, FL.

LaBaere RJ, Fons D, Mackrides P, Mentel M, Mirocha N. Creative approaches to bringing osteopathic recognition to your residency program. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Lam KC. Disablement models: a framework for whole person, patient-centered healthcare. Presented at: 2018 Rocky Mountain Athletic Trainers' Association Symposium; April 12-15, 2018; Salt Lake City, UT.

Latvis L [student], McClain K [student], Smith S [student], Studley J [student], **Dishman L.** What are the attributes of U.S. hospitals' financial performance? Presented at: 2018 Michigan Academy of Science, Arts and Letters Annual Conference; March 9, 2018; Mt. Pleasant, MI.

Makin IR, Alam M, Iyengar S, Sadhwani D, Moon E, Yanes A, Geisler A, Silapunt S, Servaes S, Weil A, Poon E. Utility of high-resolution superficial diagnostic ultrasound system for assessing skin thickness of the face and neck. Presented at: 2018 American Institute of Ultrasound in Medicine Annual Convention; March 24-28, 2018; New York, NY.

Presentations and abstracts, continued

Makin IR, Sadhwani D, Geisler A, Weil A, West D, Poon E, Alam M. Controlled high-frequency scanning technique to reliably measure subcutaneous tissue thickness in combination with carbon dioxide aesthetic procedure. Presented at: 2018 American Institute of Ultrasound in Medicine Annual Convention; March 24-28, 2018; New York, NY.

Makin IRS, Levine R, Shlossman M. Double-blinded study to investigate effectiveness of 980 nm diode laser for chronic periodontal disease: preliminary results. Presented at: 38th American Society for Laser Medicine and Surgery Annual Conference; April 11-15, 2018; Dallas, TX.

Makin IRS, Pedapati C, Huxel-Bliven K, Vahdatinia R [student], **Crutchfield J, Heath DM**. Ultrasound imaging based medical education for first- and second-year osteopathic medical students. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Makin IRS, Sadhwani D, Geisler A, Weil A, West D, Poon E, Alam M. Carboxytherapy for subcutaneous abdominal fat reduction: a randomized controlled trial. Presented at: 38th American Society for Laser Medicine and Surgery Annual Conference; April 11-15, 2018; Dallas, TX.

Miller A [student], Fulcher A [student], Dock P [student], **Ramaraj P**. Biochemical basis of protection by progesterone in melanoma based on curcumin pre-treatment of human melanoma cells models. Poster presented at: ENDO 2018 100th Endocrine Society Annual Meeting; March 17-20, 2018; Chicago, IL.

Morgan C, Morgan J. Creating a primary care pipeline: a collaborative approach. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Obadia S, Ratto L, McNeil L. Training faculty in a distributed model to prepare OMS for the COMLEX Level 2 PE. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Park JH. Correction of vertical problems with TADs and CBCT in challenging cases. Presented at: 2018 American Association of Orthodontists Annual Session; May 4-8, 2018; Washington, DC.

Park JH. Key factors in anterior open bite correction. Presented at: Northern California Edward H. Angle Society of Orthodontists Meeting; April 27, 2018; San Mateo, CA.

Park JH. The application of CBCT and TADs in challenging cases. Presented at: Orthodontic Education and Research Foundation Annual Meeting; March 8-11, 2018; St. Louis, MO.

Park JH. The application of CBCT and TADs in contemporary orthodontics. Presented at: 2018 Korean Orthodontic Research Institute Annual Session; February 28-March 1, 2018; Seoul, South Korea.

Richardson C [alum]. Treatment readiness in physician assistants in a state monitoring program for substance use disorders. Poster presented at: 2018 Federation of State Physician Health Programs Annual Education Conference; April 25-28, 2018; Concord, NC.

Scarpa J [student]. The effects of a four-week mindful breathing meditation intervention on stress levels of registered nurses in an East Coast acute care nursing facility. Presented at: 3rd International Conference on Nursing and Midwifery; May 23-24, 2018; New York, NY.

Schrant B, Archer L, Sexton P. Simulated PGY1 night call: early exposure to EPA 10. Poster presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Presentations and abstracts, continued

Shin L [student], Ortman L, **Levy AB**, Halket C, Moore B, **Spolarich AE**, Mitchell JC. PIPS vs. standard treatment for endodontic bacterial decontamination. Poster presented at: 47th Annual Meeting of the American Association for Dental Research; March 21-24, 2018; Fort Lauderdale, FL.

Shlossman M, **Spolarich AE**. Effects of chlorine dioxide rinse in adolescents with orthodontia. Poster presented at: 47th Annual Meeting of the American Association for Dental Research; March 21-24, 2018; Fort Lauderdale, FL.

Snider KT. A novel method for training preceptors to teach and assess OMM. Presented at: American Association of Colleges of Osteopathic Medicine 2018 Annual Conference; April 18-21, 2018; Washington, DC.

Spolarich AE. Antibiotic stewardship. Presented at: Special Care Dentistry Association 30th Annual Meeting; April 27-29, 2018; Seattle, WA.

Spolarich AE, **Makin IRS**, Bowers J, Valentine M, Engelthaler D. Nasal MRSA colonization in dental students. Poster presented at: 47th Annual Meeting of the American Association for Dental Research; March 21-24, 2018; Fort Lauderdale, FL.

Syed H [student], **Ahmad Z**. Connection between antimicrobial venom peptides and bacterial ATP synthase. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):LB104.

Thomas K [alum], **Dishman L**, **Fick J**. Examining the relationship among hospitalist continuing education, hospitalist communication competency, and stroke patient outcomes: a discussion of findings. Presented at: 2018 Michigan Academy of Science, Arts and Letters Annual Conference; March 9, 2018; Mt. Pleasant, MI.

Velasquez T [student], **Perry M**, **Spolarich AE**. Recall of oral hygiene education among patients with special needs and their caregivers. Poster presented at: Special Care Dentistry Association 30th Annual Meeting; April 27-29, 2018; Seattle, WA.

Wasinger NA [fellow], **Geisbuhler TP**, **Brechue WF**. Carbonic anhydrase inhibition: effect on rat hearts in vitro with and without pH perturbations. Poster presented at: Experimental Biology 2018; April 21-25, 2018; San Diego, CA. Abstract published in: FASEB J. 2018;32(1 suppl):901.10.

Sorry we missed you last time

Allen D. Ayurveda: the science of life. Presented at: 9th Annual International Conference on the Health Risks of Youth; January 3-9, 2018; Clearwater, FL.

Allen D. Communication: the cornerstone of learning. Presented at: 9th Annual International Conference on the Health Risks of Youth; January 3-9, 2018; Clearwater, FL.

Anderson J [student]. Content analysis of student manuals in federally funded secondary teen pregnancy prevention programs. Presented at: 9th Annual International Conference on the Health Risks of Youth; January 3-9, 2018; Clearwater, FL.

Clemens J [alum], **Gold J**, **Chaffin J**. [Effect and acceptance of silver diamine fluoride treatment on dental caries in primary teeth](#). J Public Health Dent. 2018;78(1):63-68.

Dishman L. [Practices of effective online faculty: how to enhance e-learning experience of health administration students](#). J Health Adm Educ. 2018;35(1):95-106.

Sorry we missed you last time, continued

Dominick K [student], McDaniel D [student], Tilton E [student], Flory K [student], **Kondrashov P.** [Introduction of a combined gastrointestinal histopathology laboratory exercise into an undergraduate medical school curriculum.](#) Mo Med. 2018;115(1):50-55.

Houser JJ, Kondrashov P. [Gross anatomy education today: the integration of traditional and innovative methodologies.](#) Mo Med. 2018;115(1):61-65.

Huxel Bliven KC, Parr GP. [Outcomes of Latarjet procedure compared with Bankart repair for recurrent traumatic anterior shoulder instability.](#) J Athl Train. 2018;53(2):181-183.

Kondrashova T, Kondrashov P. [Integration of ultrasonography into the undergraduate medical curriculum: seven years of experience.](#) Mo Med. 2018;115(1):38-43.

Lee SK, Abbas NH, Bayome M, Baik UB, Kook YA, Hong M, **Park JH.** [A comparison of treatment effects of total arch distalization using modified C-palatal plate vs buccal miniscrews.](#) Angle Orthod. 2018;88(1):45-51.

McAllister S [student], McIntire S [student], **Kondrashova T.** [Integration of 3-dimensional/4-dimensional ultrasound technology into undergraduate medical education: student perception of innovative obstetrics education.](#) Mo Med. 2018;115(1):44-49.

Mengarelli M [student], Nepusz A [student], **Kondrashova T.** [A comparison of point-of-care ultrasonography use in rural versus urban emergency departments throughout Missouri.](#) Mo Med. 2018;115(1):56-60.

Mullaguri N, Katyal N, Sarwal A, **Beary JM,** George P, Karthikeyan N, Nattanamai P, Newey CR. [Pitfall in pupillometry: exaggerated ciliospinal reflex in a patient in barbiturate coma mimicking a nonreactive pupil.](#) Cureus. 2017;9(12):e2004.

Palmieri PA [adjunct]. [La tecnica Delphi: un método de consenso para la investigación en servicios de salud en Latino América.](#) Agora Rev Cient. 2017;4(2).

Pau A, Omar H, Khan S, **Musawi A,** Seow LL, Toh CG. [Factors associated with faculty participation in research activities in dental schools.](#) Singapore Dent J. 2017;38:45-54.

Schrant BL, Archer LL, Long R. [Human patient simulation as a teaching tool.](#) Mo Med. 2018;115(1):71-74.

Sexton P. [Maintaining balance in medical school through medical humanities electives.](#) Mo Med. 2018;115(1):35-36.

Simon M, Maerlender A, Metzger K, Decoster L, Hollingworth A, **Valovich McLeod T.** [Reliability and concurrent validity of select C3 Logix test components.](#) Dev Neuropsychol. 2017;42(7-8):446-459.

Swartzendruber A [student]. Exploration of daily sit time among university athletes. Presented at: 9th Annual International Conference on the Health Risks of Youth; January 3-9, 2018; Clearwater, FL.

Wilson MA. [Research at A.T. Still University's Kirksville College of Osteopathic Medicine.](#) Mo Med. 2018;115(1):32-34.

Wong CY, Saravanan C, **Musawi A,** Gan SW. [Effects of a combination of non-pharmaceutical psychological interventions on dental anxiety.](#) J Clin Transl Res. 2017;3(3):311-317.

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