

"Nothing in life is to be feared, it is only to be understood." ~Marie Curie

Publications

Adhikari S, Situ-LaCasse E, Acuña J, Irving S, **Weaver C**, Samsel K, Biffar DE, Motlagh M, Sakles J. <u>Integration of pre-intubation ultrasound into airway management course: a novel training program</u>. Indian J Crit Care Med. 2020;24(3):179-183.

Agena KM [student], **Welch Bacon CE**, **Valovich McLeod TC**. <u>Photobiomodulation reduces pain in patients with shoulder tendinopathy</u>. Athl Train Sports Health Care. 2020;12(2):56-58.

Amini A [student], Raheem S [student], Steiner A [student], Deeba F [student], **Ahmad Z**. <u>Insect venom peptides as potent inhibitors of *Escherichia coli* ATP synthase. Int J Biol Macromol. 2020;150:23-30.</u>

Anderson BE, Boyce KK [alum], Christian ME [alum], **Bay RC**, **Huxel Bliven KC**. Relationships between core stability, sex, and movement capacity. Athl Train Sports Health Care. 2020;12(3):111-118.

Anderson BE, Welch Bacon CE, Sauers EL. Athletic trainers' perceptions of advanced clinical practice: characteristics of advanced practice athletic trainers. Athl Train Educ J. 2020;15(1):35-40.

Anderson BE, Welch Bacon CE, Sauers EL. <u>Athletic trainers' perceptions of advanced clinical practice: defining advanced clinical practice in athletic training</u>. Athl Train Educ J. 2020;15(1):26-34.

Boss H [alum], **Park JH**, Carlotti A, **Papademetriou M**, Grubb J [adjunct]. <u>Mandibular micrognathia and vertical maxillary excess correction with combination LeFort I and inverted L osteotomies</u>. Am J Orthod Dentofacial Orthop. 2020;157(5):704-718.

Bowman TG, Singe SM, **Pike Lacy AM**, Register-Mihalik JK. <u>Challenges faced by collegiate athletic trainers</u>, part II: treating concussed student-athletes. J Athl Train. 2020;55(3):312-318.

Chae JM [visiting scholar], **Park JH**, Tai K [adjunct], Mizutani K, Uzuka S, Miyashita W, Seo HY. Evaluation of condyle-fossa relationships in adolescents with various skeletal patterns using cone-beam computed tomography. Angle Orthod. 2020;90(2):224-232.



Choi EY [alum], Kang SS, Lee SK, **Han BH**. <u>Polyphenolic biflavonoids inhibit amyloid-beta fibrillation and disaggregate preformed amyloid-beta fibrils</u>. Biomol Thero (Seoul). 2020;28(2):145-151.

Davenport J [alum], Walker SE [adjunct], Eberman LE, **Welch Bacon CE**. <u>Athletic training educators' perceptions of using standardized patients in teaching</u>. Athl Train Educ J. 2020;15(1):3-17.

Dominguez-Cancino KA, Palmieri PA [adjunct], Martinez-Gutierrez MS. <u>National health policy reform for primary care in Chile: a qualitative analysis of the health program documents</u>. J Prim Care Community Health. 2020;11:2150132720924884.

Ebbs D [alum], Hirschbaum JH [alum], Mika A [alum], Matsushita SC [alum], **Lewis JH**. Expanding medical education for local health promoters among remote communities of the Peruvian Amazon: an exploratory study of an innovative program model. Adv Med Educ Pract. 2020;11:215-223.

Eberman LE, Walker SE [adjunct], Cavallario J, **Welch Bacon CE**. A report from the Athletic Training Clinical Education Network on scholarship requirements in professional athletic training programs. Athl Train Educ J. 2020;15(1):55-64.

Esteves JE, **Zegarra-Parodi R**, van Dun P, Cerritelli F, Vaucher P. <u>Models and theoretical frameworks</u> for osteopathic care: a critical view and call for updates and research. Int J Osteopath Med. 2020;35:1-4.

Findakly D, Komro J [student]. <u>Not just another headache: cerebral venous sinus thrombosis in a patient with isolated antithrombin III deficiency</u>. Cureus. 2020;12(5):e8383.

Glaser K, Sackett D, Pazdernik VK. Success predictors for third-year osteopathic medical students on national standardized examinations: a family medicine clerkship course study. J Am Osteopath Assoc. 2020;120(4):253-262.

Gold J. Silver diamine fluoride prevents caries in primary teeth superior to no treatment, placebo, or fluoride varnish. J Evid Based Dent Pract. 2020;20(1):101422.

Goldstein LB. TMJ arthralgia: methylprednisolone injection may be no better than saline for relief. Pract Pain Manag. 2020;20(2):57.

Harrison SD, **Park JH**. A modified pontic appliance for missing maxillary incisors. J Clin Pediatr Dent. 2020;44(2):123-126.

Hattrup N [alum], Gray H [alum], Krumholtz M [alum], **Valovich McLeod TC**. <u>Early controlled exercise and timing of treatment following concussion: a critically appraised topic</u>. J Sport Rehabil. 2020;29(3):360-366.

Headman ZC [student], Matson MC [student], **Schneider RP**, **Potter JL**, **Loguda-Summers DL**, **Bhatia S**, **Kondrashova T**. <u>Developing neuraxial and regional pain procedural skills through innovative 3-dimensional printing technology</u>. J Am Osteopath Assoc. 2020;120(4):273-282.

Hoskin ER, Bertone M, Chun YP, Lee AL, **Motahari MZ**, Martin AB. <u>Should dental school faculty be measured and compensated using academic productivity models? Two viewpoints</u>. J Dent Educ. 2020;84(5):534-542.

Jurado C, Watanabe H, Villalobos Tinoco J, Ureta Valenzuela H, Guzman Perez G, Tsujimoto A. <u>A</u> conservative approach to ceramic veneers: a case report. Oper Dent. 2020;45(3):229-234.

Jurado CA, Tsujimoto A, Alhotan A, Villalobos-Tinoco J, AlShabib A. <u>Digitally fabricated immediate</u> complete dentures: case reports of milled and printed dentures. Int J Prosthodont. 2020;33(2):232-241.

Jurado CA, Tsujimoto A, Watanabe H, Villalobos-Tinoco J, Garaicoa JL, Markham MD, Barkmeier WW, Latta MA. <u>Chair-side CAD/CAM fabrication of a single-retainer resin bonded fixed dental prosthesis: a case report</u>. Restor Dent Endod. 2020;45(2):e15.

Kaiser G, **Degenhardt BF**, Menke JM, **Snider KT**. Characteristics and treatment of pediatric patients in an osteopathic manipulative medicine clinic. J Am Osteopath Assoc. 2020;120(3):153-163, e1-e7.

Kim GJ [student], St. Laurent E [student], **Keane JF**, **Goldstein LB**. <u>Deep cervical muscle dysfunction in the head and neck: pain causes and osteopathic treatment options</u>. Pract Pain Manag. 2020;20(2):54-56.

Komro J [student], Findakly D. <u>A rare case of incidental urachal mucinous cystadenocarcinoma</u>. Cureus. 2020;12(5):e7975.

Komro J [student], Findakly D. <u>Cerebral venous sinus thrombosis in adults with prothrombotic</u> conditions: a systematic review and a case from our institution. Cureus. 2020;12(4):e7654.

Lam KC, Marshall AN [adjunct], **Snyder Valier AR**. <u>Patient-reported outcome measures in sports medicine</u>: a concise resource for clinicians and researchers. J Athl Train. 2020;55(4):390-408.

Lam KC, Welch Bacon CE, Sauers EL, Bay RC. Point-of-care clinical trials in sports medicine research: identifying effective treatment interventions through comparative effectiveness research. J Athl Train. 2020;55(3):217-228.

Lee Y, **Park JH**, Chang NY, Lee MY, Kim BC, Seo HY, Mangal U, Chae JM [visiting scholar]. Assessment of bone density changes following two-jaw surgery using multidetector computed tomography: a pilot study. Korean J Orthod. 2020;50(3):157-169.

Lewis JH, Lage OG, Grant BK, Rajasekaran SK, Gemeda M, Like RC, Santen S, Dekhtyar M. <u>Addressing the social determinants of health in undergraduate medical education curricula: a survey report</u>. Adv Med Educ Pract. 2020;11:369-377.

Lewis JH, Whelihan K, Roy D, White EJ, Morgan C, Vora RS, Boyle KR, Luebbering C, Bay RC, Lindley MC. <u>Vaccination capability inventory of community, migrant, and homeless health centers: a survey report</u>. J Public Health Manag Pract. 2020;26(2):139-147.

Little VL, Perry LA, Mercado MWV, Kautz SA, Patten C. <u>Gait asymmetry pattern following stroke</u> determines acute response to locomotor task. Gait Posture. 2020;77:300-307.

Lunt C [alum], **Mathieson K**. Emergency department nurses' attitudes toward barcode medication administration. Can J Emerg Nurs. 2020;43(1):6-11.

Moon D, **Park JH**, Lee GH. Orthodontic treatment for a patient with anterior open bite and severe condylar resorption. Am J Orthod Dentofacial Orthop. 2020;157(3):392-407.e2.

Palmieri PA [adjunct], Leyva-Moral JM, Camacho-Rodriguez DE, Granel-Gimenez N, Ford EW, **Mathieson KM**, Leafman JS [adjunct]. <u>Hospital Survey on Patient Safety Culture (HSOPSC): a multimethod approach for target-language instrument translation, adaptation, and validation to improve the equivalence of meaning for cross-cultural research. BMC Nurs. 2020;19:23.</u>

Park JH. A licensed orthodontist versus do-it-yourself orthodontics. Am J Orthod Dentofacial Orthop. 2020;157(5):591-592.

Pike Lacy AM, Bowman TG, Singe SM. <u>Challenges faced by collegiate athletic trainers, part I:</u> organizational conflict and clinical decision making. J Athl Train. 2020;55(3):303-311.

Pike Lacy AM, Singe SM, Bowman TG. Collegiate athletic trainers' experiences with external pressures faced during decision making. J Athl Train. 2020;55(4):409-415.

Pitonyak JS, Pergolotti M, **Gupta J**. <u>Understanding policy influences on health and occupation through the use of the life course health development (LCHD) framework</u>. Am J Occup Ther. 2020;74(2):7402090010.

Ramaraj P. A survey of in-vitro and in-vivo effects of steroids on melanoma growth and its implication on the nature of the disease. J Transl Sci. 2020;6(3):1000338.

Runyon LM, **Welch Bacon CE**, Neil ER, Eberman LE. <u>Understanding the athletic trainer's role in the return-to-learn process at National Collegiate Athletic Association Division II and III institutions</u>. J Athl Train. 2020;55(4):365-375.

Snider KT, Couch R [student], **Bhatia S**. Osteopathic manipulative medicine practice patterns of third-year and fourth-year osteopathic medical students: an education research project. J Am Osteopath Assoc. 2020;120(5):293-302.

Szabó RM, **Davis JM**, Antal M. <u>Introducing career skills for dental students as an undergraduate course</u> at the University of Szeged, Hungary. BMC Med Educ. 2020;20(1):68.

Takeshima N, Kohama T, Kusunoki M, Okada S, Fujita E, Oba Y, **Brechue WF**. A 20-sec stepping test and KINECTTM sensor provides objective quantification of movement/balance dysfunction in older individuals. Exp Aging Res. 2020;46(3):244-256.

Ujiie M, Tsujimoto A, Barkmeier WW, **Jurado CA**, Villalobos-Tinoco J, Takamizawa T, Latta MA, Miyazaki M. <u>Comparison of occlusal wear between bulk-fill and conventional flowable resin composites</u>. Am J Dent. 2020;33(2):74-78.

Vargo RJ, Reddy R, Da Costa WB, Mugayar LRF, Islam MN, Potluri A. Molar-incisor malformation: eight new cases and a review of the literature. Int J Paediatr Dent. 2020;30(2):216-224.

Vedurmudi AP, **Young BA**, van Hemmen JL. <u>Active tympanic tuning facilitates sound localization in animals with internally coupled ears</u>. Hear Res. 2020;387:107861.

Walkenhorst MS [student], Reyes L, Perez G, Progulske-Fox A, Brown MB, **Phillips PL**. <u>A uniquely altered oral microbiome composition was observed in pregnant rats with *Porphyromonas gingivalis* induced periodontal disease. Front Cell Infect Microbiol. 2020;10:92.</u>

Weber Rawlins ML [fellow], Snedden TR, Kay MC [alum], **Valovich McLeod T**, **Welch Bacon CE**. School nurses' perceptions of concussion management for secondary school student-athletes. Brain Inj. 2020;34(5):665-672.

Williams R, **Park JH**, Chae JM [visiting scholar], Vaden JL. <u>The congenitally missing second premolar: space closure</u>. A viable option. Am J Orthod Dentofacial Orthop. 2020;157(4):571-583.e16.

Yadgir S, Johnson CO, Aboyans V, Adebayo OM, Adedoyin RA, Afarideh M, ... Filip I [alum], ... Radfar A [alum], et al. <u>Global, regional, and national burden of calcific aortic valve and degenerative mitral valve diseases</u>, 1990-2017. Circulation. 2020;141(21):1670-1680.

Presentations and abstracts

Chamberlain NR, Hardee MR, Sexton PS, Baer RW. Use of a physician mentored patient rounds to observe EPA 4 in second-year medical students. J Am Osteopath Assoc. 2020;120(3):e35.

Dajani T, **Allgood A**, **Bansal S**, Carrasco N. Integration of experiential lifestyle medicine and wellness into an osteopathic medicine curriculum. J Am Osteopath Assoc. 2020;120(3):e15.

Glaser K. Turning dreaded course evaluations into a teamwork triumph. Poster presented at: American Association of Colleges of Osteopathic Medicine Annual Conference Educating Leaders 2020; March 25-27, 2020. https://cslide-us.ctimeetingtech.com/aacom/2020/attendee/eposter/poster/132?r=cp9%7E7.

Glaser K, **Sackett D**. Seven essential elements for standardizing clerkship education with an online curriculum. Presented at: American Association of Colleges of Osteopathic Medicine Annual Conference Educating Leaders 2020; March 25-27, 2020. https://cslide-us.ctimeetingtech.com/aacom2020/attendee/eposter/poster/68?r=cp9%7E6.

McCoy L, **Morgan C**, Perez F, **Wagner R**. Health systems science: community clinic-based collaborative care practice. J Am Osteopath Assoc. 2020;120(3):e23-e24.

Torres-Tamayo N, Bastir M, García-Martínez D, **VanSickle C**, García-Tabernero A, Rosas A. Comparative anatomy and 3D geometric morphometrics of the SD-1663 hipbone from the El Sidrón Neandertal site (Asturias, Spain). Am J Phys Anthropol. 2020;171(S69):285.

Uy JQ, Hawks J, **VanSickle C**. The pelvis relates to gut size differently in male and female humans. Am J Phys Anthropol. 2020;171(S69):291.

VanSickle C, Jepson L [student], Johnson KK [student]. Exploring the effect of body mass on pelvic features that vary by sex. Am J Phys Anthropol. 2020;171(S69):294.

Presentations and abstracts, continued

Vargo RJ. Stafne defect of the premolar area: report of rare presentation. Presented at: 2020 American Academy of Oral Medicine Annual Conference; April 29-May 2, 2020; Orlando, FL.

Sorry we missed you last time

Dragan IF, Walji M, Vervoorn M, Quinn B, Johnson L, **Davis J**, Garcia LT, Valachovic RW. <u>ADEA-ADEE shaping the future of dental education III: the impact of scientific technologies and discoveries on oral health globally</u>. J Dent Educ. 2020;84(1):111-116.

Field J, Hervey T, Walsh S, **Davis J**, Garcia LT, Valachovic RW. <u>ADEA-ADEE shaping the future of dental education III: from interprofessional education to transprofessional learning: reflections from dentistry, applied linguistics, and law. J Dent Educ. 2020;84(1):105-110.</u>

Lopez G [student]. Understanding the misunderstood. JAAPA. 2019;32(12):1-2.

Mayberry ME, Gonik B, **Trombly RM**. <u>Perinatal oral health: a novel collaborative initiative to improve access, attitudes, comfort level, and knowledge of pregnant women and dental providers</u>. AJP Rep. 2020;10(1):e54-e61.

Patel S, Koskan A, **Spolarich A**, **Perry M**, Flood T. <u>Dental professionals' knowledge, attitudes, and practice behaviors related to human papillomavirus vaccination</u>. J Public Health Dent. 2020;80(1):61-69.

Patel US, Shapira L, Gallagher JE, **Davis J**, Garcia LT, Valachovic RW. <u>ADEA-ADEE shaping the future of dental education III: engaging with global networking to enable global oral health</u>. J Dent Educ. 2020;84(1):117-122.

Tidman M [adjunct], Skotzke E. <u>Effects of a community-based exercise program on mobility, balance, cognition, sleep, activities of daily living, and quality of life in PD: a pilot study</u>. Neurodegener Dis Manag. 2020;10(1):27-39.

Tjong E [student], Peng YY. <u>Antiepileptic drug optimization using ambulatory electrocorticographic</u> data from an implanted brain-responsive neurostimulator. Clin Case Rep. 2020;8(3):441-448.

Tonni I, Gadbury-Amyot CC, Govaerts M, Ten Cate O, **Davis J**, Garcia LT, Valachovic RW. <u>ADEA-ADEE shaping the future of dental education III: assessment in competency-based dental education: ways forward</u>. J Dent Educ. 2020;84(1):97-104.

Underwood-Wright G [student]. Improving PA diversity in Minnesota. JAAPA. 2020;33(1):1-2.