Winter 2021 Quartile



"Great scientific advances spring from pure research." ~Jacques-Yves Cousteau

Publications

Baroni F, Mancini D, Tuscano SC, Scarlata S, Lunghi C, Cerritelli F, **Haxton J**. <u>Osteopathic manipulative treatment and the Spanish flu: a historical literature review</u>. J Am Osteopath Assoc. 2021;121(2):181-190.

Boatman D [alum]. <u>Appalachian caregiver perspectives on childhood gun safety in the home</u>. J Appalach Health. 2021;3(1):4.

Cavallario JM, **Welch Bacon CE**, Walker SE, Eberman LE. <u>Barriers to scholarship integration in professional athletic training programs and resources needed to overcome barriers: a report from the Association for Athletic Training Education Research Network. Athl Train Educ J. 2021;16(1):13-27.</u>

Crivello BJ, Reddy AA, Pazdernik VK, Davis JM. <u>Impact of experiential learning on dental students'</u> training in nitrous oxide inhalation sedation. J Dent Educ. 2020;84(12):1399-1408.

Daher Y [student], Austin ET, Murter BT, Murphy L, **Gray K**. The history of medical education: a commentary on race. J Am Osteopath Assoc. 2021;121(2):163-170.

Frank LD [resident], **Bhatia S**, **Snider KT**. Characteristics and management of pregnant patients from a neuromusculoskeletal medicine/osteopathic manipulative medicine clinic. J Am Osteopath Assoc. 2020;120(12):913-920.

Freiburger R [alum], **Picha KJ**, **Welch Bacon CE**, **Snyder Valier AR**. <u>Educational technique: incorporating social determinants of health into athletic training education</u>. Athl Train Educ J. 2020;15(4):321-330.

GBD 2017 US Neurological Disorders Collaborators, Feigin VL, Vos T, Alahdab F, Amit AML, Bärnighausen TW, ... Filip I [alum], et al. <u>Burden of neurological disorders across the US from 1990-2017: a Global Burden of Disease study</u>. JAMA Neurol. 2021;78(2):165-176.



Publications, continued

Goldstein LB, Trombly R, McLeod D, Goldstein JM, Lymberopolous G. <u>Dental education in the time</u> of COVID-19 and beyond. Compend Contin Educ Dent. 2021;42(1):47-48.

Gousman J [alum], **Park JH**, Chae JM [visiting scholar]. <u>Evaluating mandibular symphysis bone</u> <u>density according to various skeletal patterns with CBCT</u>. Orthod Craniofac Res. 2021;24(1):70-77.

Green W, Sauers E. Meeting personal health care needs in primary care: a response from the athletic training profession. Athl Train Educ J. 2020;15(4):278-288.

Halim H, Halim IA [alum]. The study of tooth angulation and inclination for bracket design of Deutromalay race: a comparison study to white race. J World Fed Orthod. 2020;9(4):164-169.

Haque I, Kawsar HI, Motes H [student], Sharma M, Banerjee S, Banerjee SK, Godwin AK, Huang CH. <u>Downregulation of miR-506-3p facilitates EGFR-TKI resistance through induction of sonic hedgehog signaling in non–small-cell lung cancer cell lines</u>. Int J Mol Sci. 2020;21(23):9307.

Heick JD, **Bay** C. <u>Determining near point of convergence: exploring a component of the vestibular/ocular motor screen comparing varied target sizes</u>. Int J Sports Phys Ther. 2021;16(1):21-30.

Heiles K, **Sheridan V**, Hendriksz T, Giusti R, Cymet TC. When the clinical environment is closed to students: the harsh reality of COVID-19 and implications for colleges of osteopathic medicine. Cureus. 2020;12(12):e12044.

Jrolf CW [student]. Managing obesity in adults as a chronic condition. JAAPA. 2021;34(2):50-53.

Kim CH, Joh B, Lim HJ, **Park JH**, Kook YA, Kim Y. <u>A conservative approach for an adult patient with a fractured tooth and crowding: autotransplantation at the fracture site</u>. Am J Orthod Dentofacial Orthop. 2021;159(2):234-245.

Kim JH, Kim YH, Kim SJ, Sung J, Song YM, Shin JW, **Park JH**, Chae HS. <u>Twin study: genetic comparison of matrix versus intramatrix rotation in the mandible and three different occlusal planes</u>. Prog Orthod. 2020;21(1):44.

Laird J [student]. <u>Magnetic sphincter augmentation device placement for treatment of gastroesophageal reflux</u>. JAAPA. 2020;33(12):30-32.

Leyva-Moral JM, Aguayo-Gonzalez M, Palmieri PA [adjunct], Guevara-Vasquez G, Granel-Grimenez N, Dalfó-Pibernat A. <u>Attitudes and beliefs of nurses and physicians about managing sexual health in primary care: a multi-site cross-sectional comparative study</u>. Nurs Open. 2021;8(1):404-414.

Li C, Miao X, Wang S, Liu Y [student], Sun J, Liu Q, Cai L, Wang Y. <u>Elabela may regulate SIRT3-mediated inhibition of oxidative stress through Foxo3a deacetylation preventing diabetic-induced myocardial injury</u>. J Cell Mol Med. 2021;25(1):323-332.

Lowenthal PR, Greear K, Humphrey M, Lowenthal A, Conley Q, Giacumo LA, Dunlap JC. <u>Creating accessible and inclusive online learning: moving beyond compliance and broadening the discussion</u>. Q Rev Distance Educ. 2020;21(2).

Publications, continued

Marshall AN [adjunct], **Valovich McLeod TC**, **Lam KC**. Characteristics of injuries occurring during cross-country: a report from the Athletic Training Practice-Based Research Network. J Athl Train. 2020;55(12):1230-1238.

Meador M, Hannan J, **Roy D**, **Whelihan K**, Sasu N, Hodge H, **Lewis JH**. <u>Accelerating use of self-measured blood pressure monitoring (SMBP) through clinical-community care models</u>. J Community Health. 2021;46(1):127-138.

Mehrotra S, Goldstein LB. The influence of psychological factors on temporomandibular disorders. J Sports Med Pain Manag. 2020;1(1):3.

Murayama R, Kurokawa H, Fischer NG, **Jurado CA**, Tsujimoto A, Takamizawa T, Miyazaki M, Garcia-Godoy F. <u>Ultrasonic measurement of remaining dentin thickness using a pencil-type transducer</u>. Am J Dent. 2020;33(6):320-324.

Nurrohman H, Habelitz S, Saeki K, Sadr A, Gower LB, Pazdernik V, Tagami J, Marshall SJ, Marshall GW. Enhanced silver diamine fluoride therapy using the PILP method: a nanoindentation study. Dent Mater J. 2020;39(6):1009-1015.

Pardell-Dominquez L, Palmieri PA [adjunct], Dominguez-Cancino KA, Camacho-Rodriguez DE, Edwards JE, Watson J, Leyva-Moral JM. <u>The meaning of postpartum sexual health for women living in Spain: a phenomenological inquiry</u>. BMC Pregnancy Childbirth. 2021;21:92.

Park JH, Rogowski L [resident], Kim JH [resident], Al Shami S [fellow], **Howell SEI**. <u>Teledentistry platforms for orthodontics</u>. J Clin Pediatr Dent. 2021;45(1):47-52.

Park JJ [alum], Tostado S [fellow], **Park JH**. <u>How would you treat this malocclusion</u>? PCSO Bull. 2021;93(1):40-47.

Park KH [visiting scholar], Han SJ, Choi S, Kim KS, Park S, Park JH. <u>Surface roughness on the slots and wings of various ceramic self-ligating brackets and their potential concern on biofilm formation</u>. J Clin Pediatr Dent. 2020;44(6):451-458.

Pendlebury G [student], **Keane JF**, **Shoup D**, **Goldstein LB**. <u>Polytrauma: managing PTSD and comorbid pain in veterans</u>. Psycom Pro. Winter 2020.

Peterson S [adjunct], Laslett M. <u>Alternating lumbar lateral shift: a case report</u>. J Man Manip Ther. 2021;29(1):59-66.

Picha KJ, **Snyder Valier A**, Heebner NR, Abt JP, Usher EL, Capilouto G, Uhl TL. <u>Physical therapists'</u> <u>assessment of patient self-efficacy for home exercise programs</u>. Int J Sports Phys Ther. 2021;16(1):184-194.

Poploski KM, **Picha KJ**, Winters JD, Royer SD, Heebner NR, Lambert B, Lephart SM, Abt JP. <u>Influence of limb dominance and shoulder injury on strength and explosive force in US Marines</u>. Int J Sports Phys Ther. 2020;15(6):1129-1140.

Publications, continued

Roberts B [student], Makar AE [student], Canaan R [student], **Pazdernik V**, **Kondrashova T**. <u>Effect of occipitoatlantal decompression on cerebral blood flow dynamics as evaluated by Doppler ultrasonography</u>. J Am Osteopath Assoc. 2021;121(2):171-179.

Roy D, Meador M, Sasu N, Whelihan K, Lewis JH. <u>Are community health center patients interested in self-measured blood pressure monitoring (SMBP): and can they do it?</u> Integr Blood Press Control. 2021;14:19-29.

Sayed ME, **Jurado CA**, Tsujimoto A. <u>Factors affecting clinical decision-making and treatment planning strategies for tooth retention or extraction: an exploratory review</u>. Niger J Clin Pract. 2020;23(12):1629-1638.

Sloan LC [alum], Obisesan O [adjunct]. <u>The CMS emergency preparedness rule: challenges for rural medical centers</u>. Risk Hazards Crisis Public Policy. 2020;11(4):434-448.

Takakuwa KM, Mistretta A [alum], **Pazdernik VK**, Sulak D. <u>Education, knowledge, and practice characteristics of cannabis physicians: a survey of the Society of Cannabis Clinicians</u>. Cannabis Cannabinoid Res. 2021;6(1):58-65.

Thayer JJ [alum], Park JJ [alum], **Duong MT**, **Park JH**. The current status of orthodontic education in US pediatric dental residencies. J Dent Educ. 2020;84(12):1334-1340.

Tinoco JV, **Jurado CA**, Sayed ME, Garcia Cortes JO, Kaleinikova Z, Hernandez A, Alshabib A, Tsujimoto A. <u>Conservative approach for management of fractured maxillary central incisors in young adults</u>. Clin Case Rep. 2020;8(12):2692-2700.

VanSickle C, Cofran Z, Hunt D. <u>Did Neandertals have large brains? Factors affecting endocranial</u> volume comparisons. Am J Phys Anthropol. 2020;173(4):768-775.

Vellimana AK, Aum DJ, Diwan D, Clarke JV, Nelson JW, Lawrence M, **Han BH**, Gidday JM, Zipfel GJ. <u>SIRT1 mediates hypoxic preconditioning induced attenuation of neurovascular dysfunction following subarachnoid hemorrhage</u>. Exp Neurol. 2020;334:113484.

Weber Rawlins ML [fellow], **Welch Bacon CE**, Tomporowski P, Gay JL, Bierema L, Schmidt JD. <u>A</u> qualitative analysis of concussion-reporting behavior in collegiate student-athletes with a history of sport-related concussion. J Athl Train. 2021;56(1):92-100.

Whitman JM, Shepherd M, Neilson B, Janicky TJ, Garcia WJ, Peterson S [adjunct], Stevens BJ. <u>An orthopedic manual physical therapy fellowship training's impact on professional development, involvement, personal lives, and income: a survey study.</u> J Man Manip Ther. 2020;28(5):287-297.

Yazel-Smith LG, Bishop CA, Ayars CL. Obesity health education integrated into current work roles of health education specialists. Am J Health Stud. 2020;35(3):192-201.

Presentations and abstracts

Counts AJ [alum], **Bernstein J**, **Konecny L**, Sarosi GA. The effect of wellness initiatives on well-being and burnout symptoms in surgical residents. Presented virtually at: 16th Annual Academic Surgical Congress; February 2-4, 2021.

Fay DR. Bringing the Paralympics home: identifying and creating local adaptive sports opportunities. Presented virtually at: American Physical Therapy Association Combined Sections Meeting 2021; February 1-28, 2021.

Fay DR, Becerra RG [student], Deckert CF [student], Horton K [alum], Madich HP [student], Rodenbostel DL [alum]. Para athletes: spatial and temporal sprint performance measures in athletes with hypertonia, ataxia, and athetosis. Presented virtually at: American Physical Therapy Association Combined Sections Meeting 2021; February 1-28, 2021.

Foster V [alum], **Bernstein J**. Associations between faculty and student self-efficacy and attitudes toward evidence-informed practice. Presented virtually at: 19th Annual Hawaii International Conference on Education; January 4-7, 2021.

Kays P. Patient-provider interactions and influence on health care for women with chronic pelvic pain. Presented virtually at: American Physical Therapy Association Combined Sections Meeting 2021; February 1-28, 2021.

Kuettel JM, **McIsaac TL**, Schmitz E [student], Buzzell LS [student], Woytek H [student]. Clinical variability of six-minute walk test protocols by licensed physical therapists: a survey. Presented virtually at: American Physical Therapy Association Combined Sections Meeting 2021; February 1-28, 2021. Abstract published in: J Neurol Phys Ther. 2021;45(1):58.

White EJ, Olson JH, Heath DM, Coty ME. Preparing incoming medical students for success using online prematriculation coursework. Poster presented virtually at: 18th Annual Innovations in Medical Education Online Conference; February 18-19, 2021.

Young JL [adjunct], Rhon D, Cleland JA, Snodgrass S. Utilization of knee radiographs and the influence on rehabilitation for patellofemoral pain. Presented virtually at: American Physical Therapy Association Combined Sections Meeting 2021; February 1-28, 2021.

Sorry we missed you last time

Bartle EK [alum], **Crivello BJ**, Bullock JL, Ogbureke EI. Mentorship availability and needs for junior faculty members at the United States and Australian dental schools. Eur J Dent Educ. 2020;24(4):790-798.

Black KD. DPT students and faculty enhancing the collaborative care experience in an interprofessional education clinic in the emergency department. Presented virtually at: Educational Leadership Conference 2020; October 16-18, 2020.

Kumar SS, Mohammad H, Kar K. <u>Management of cyclosporine-influenced gingival enlargement with azithromycin</u>. Clin Adv Periodontics. 2020;10(3):140-144.

Manella KJ, Wilkinson TC, Lewis MC, Dunn JC, Alhajeri S. Stakeholder perspectives on payment for clinical experience: NCCE Taskforce summary findings and final recommendations. Presented virtually at: Educational Leadership Conference 2020; October 16-18, 2020.

Wilkinson TC, Bayliss JE, Bock KJ, Neely L. Evolution in clinical education: from the summit to current practices. Presented virtually at: Educational Leadership Conference 2020; October 16-18, 2020.

Wilkinson TC, **Ellison TA**. Investigating assessment of clinical performance: feasibility of adopting a new tool. Presented virtually at: Educational Leadership Conference 2020; October 16-18, 2020.

Issues of *ATSU Research* can be found on iConnect, ATSU's e-news portal, under the <u>Academic</u> Publishing News tab.