

ATSU Research

A newsletter produced by the Department of Research Support

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

“A research journal serves that narrow borderland which separates the known from the unknown.” ~Prasanta Mahalanobis

Publications

- Babaie E, Bacino M, White J, **Nurrohman H**, Marshall GW, Saeki K, Habelitz S. [Polymer-Induced Liquid Precursor \(PILP\) remineralization of artificial and natural dentin carious lesions evaluated by nanoindentation and microcomputed tomography](#). J Dent. 2021;109:103659.
- Banerjee R, Marsal J [student], Huang CY, Lo M, Kambhampati S, Kennedy VE, Arora S, Wolf JL, Martin TG, Wong SW, Shah N. [Early time-to-tocilizumab after B cell maturation antigen-directed chimeric antigen receptor T cell therapy in myeloma](#). Transplant Cell Ther. 2021;27(6):477.e1-477.e7.
- Bayome M, **Park JH**, **Bay C**, Kook YA. [Distalization of maxillary molars using temporary skeletal anchorage devices: a systematic review and meta-analysis](#). Orthod Craniofac Res. 2021;24(suppl 1):103-112.
- Becker JJ, **McIsaac TL**, Copeland SL, Cohen RG. [Alexander technique vs targeted exercise for neck pain: a preliminary comparison](#). Appl Sci. 2021;11(10):4640.
- Bhagat R, Vandekar M, Vaid NR, **Park JH**, Kook YA. [A staged expansion screw protocol to retract the premaxilla in BCLP infants with delayed nasoalveolar molding](#). J Clin Pediatr Dent. 2021;45(2):123-128.
- Bier-Lanning C, Cramer JD, Roy S, Palmieri PA [adjunct], Amin A, Bonilla-Asalde CA, Bradley PJ, Chaturvedi P, Cognetti DM, Dias F, Di Stadio A, Fagan JJ, Feller-Kopman DJ, Hao S, Kim KH, Koivunen P, Loh WS, Mansour J, Naunheim MR, Schultz MJ, Shang Y, Sirjani DB, St. John MA, Tay JK, Vergez S, Weinreich HM, Wong EW, Zenk J, Rassekh CH, Brenner MJ. [Tracheostomy during COVID-19 pandemic: comparison of international perioperative care protocols and practices in 26 countries](#). Otolaryngol Head Neck Surg. 2021;164(6):1136-1147.
- Blankinship LA, Rouse WA, **Bernstein J**, Kruk J, Aboul-Enein BH. [A narrative review of ethnic minority studies for faith-based health promotion interventions with special reference to the contemporary Christian nurse](#). J Relig Health. 2021;60(2):1375-1387.
- Cavallario JM, **Welch Bacon CE**, Eberman LE, Walker SE [adjunct]. [Celebrating women scholars in athletic training](#). J Athl Train. 2021;56(3):217-218.
- Cha BK, **Park JH**, Choi DS, Jang I. [Facemask therapy with skeletal anchorage: a possible alternative to orthognathic surgery](#). Orthod Craniofac Res. 2021;24(suppl 1):13-20.

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Publications, continued

Chitneni A [student], Hasoon J, Urits I, Viswanath O, Kaye AD, Eskander J. [Synergistic effects of dexamethasone and dexmedetomidine in extending the effects of pectoral I and pectoral II blocks for postoperative analgesia following total mastectomy with lymph node dissection.](#) Clin Pract. 2021;11(2):190-192.

Cho HN, Yoon HJ, **Park JH**, Park YG, Kim SJ. [Effect of extraction treatment on upper airway dimensions in patients with bimaxillary skeletal protrusion relative to their vertical skeletal pattern.](#) Korean J Orthod. 2021;51(3):166-178.

Choi JY, Choo HR, Oh SH, **Park JH**, Chung KR, Kim SH. [Finite element analysis of C-expanders with different vertical vectors of anchor screws.](#) Am J Orthod Dentofacial Orthop. 2021;159(6):799-807.

Chou AHK, **Park JH**, Shoaib AM, Lee NK, Lim HJ, Abdulwhab AA, Alfawaz F, Kook YA. [Total maxillary arch distalization with modified C-palatal plates in adolescents: a long-term study using cone-beam computed tomography.](#) Am J Orthod Dentofacial Orthop. 2021;159(4):470-479.

Curry EC [alum], Hart RG [alum], Habtu DY [alum], **Chamberlain NR**. [Detection and partial characterization of extracellular inducers of persistence in *Staphylococcus epidermidis* and *Staphylococcus aureus*.](#) J Med Microbiol. 2021;70(6).

DiBaise M, Kohn S. [Diagnosing and managing patients with rheumatoid arthritis.](#) JAAPA. 2021;34(5):27-34.

Floyd NA, Dominguez-Cancino KA, Butler LG, Rivera-Lozada O, Leyva-Moral JM, Palmieri PA [adjunct]. [The effectiveness of care bundles including the Braden scale for preventing hospital acquired pressure ulcers in older adults hospitalized in ICUs: a systematic review.](#) Open Nurs J. 2021;15:74-84.

Gray R [student], **Danks R**, Lesh M, Diaz-Arias A. [Congenital appendiceal diverticulum: an incidental finding during an appendectomy.](#) Cureus. 2021;13(4):e14488.

Halim IA [alum], **Park JH**, Liou EJW, Zeinalddin M, Al Samawi YS [fellow], **Bay RC**. [Preliminary study: evaluating the reliability of CBCT images for tongue space measurements in the field of orthodontics.](#) Oral Radiol. 2021;37(2):256-267.

Hamstra-Wright KL, **Huxel Bliven KC**, **Bay RC**, Aydemir B. [Risk factors for plantar fasciitis in physically active individuals: a systematic review and meta-analysis.](#) Sports Health. 2021;13(3):296-303.

Hamstra-Wright KL, **Huxel Bliven KC**, Napier C. [Training load capacity, cumulative risk, and bone stress injuries: a narrative review of a holistic approach.](#) Front Sports Act Living. 2021;3:665683.

Hansen HJ, Estilo C, **Owosho A**, Solano AK, Randazzo J, Huryn J, Yom SK. [Dental status and risk of odontogenic complication in patients undergoing hematopoietic stem cell transplant.](#) Support Care Cancer. 2021;29(4):2231-2238.

Hasoon J, Chitneni A [student], Urits I, Viswanath O, Kaye AD. [Peripheral stimulation of the saphenous and superior lateral genicular nerves for chronic knee pain.](#) Cureus. 2021;13(4):e14753.

Helmbrecht B [alum], **Ayars C**. [Predictors of stress in first-generation college students.](#) J Stud Aff Res Pract. 2021;58(2):214-226.

Jang YK, Chung DH, Lee JW, Lee SM, **Park JH**. [A comparative evaluation of midfacial soft tissue and nasal bone changes with two maxillary protraction protocols: tooth-borne versus skeletal-anchored facemasks.](#) Orthod Craniofac Res. 2021;24(suppl 1):5-12.

Jochimsen KN, Mattacola CG, Noehren B, **Picha KJ**, Duncan ST, Jacobs CA. [Low self-efficacy and high kinesiophobia are associated with worse function in patients with femoroacetabular impingement syndrome.](#) J Sport Rehabil. 2021;30(3):445-451.

Publications, continued

Kang H, Lee NK, Kim J, **Park JH**, Kim Y, Kook YA. [Factors associated with the maxillary third molar position after total arch distalization using a modified C-palatal plate in adolescents](#). Orthod Craniofac Res. 2021;24(suppl 1):31-38.

Kawamura J, **Park JH**, Kojima Y, Tamaya N, Kook YA, Kyung HM, Chae JM [visiting scholar]. [Biomechanical analysis for total mesialization of the maxillary dentition: a finite element study](#). Am J Orthod Dentofacial Orthop. 2021;159(6):790-798.

Kelly LA, Johnson KL, **Bay RC**, Todd M. [Key elements of the critical care work environment associated with burnout and compassion satisfaction](#). Am J Crit Care. 2021;30(2):113-120.

Kim GS, Lim SH, Cho YH, Jeong SR, Park HS, **Park JH**. [Long-term changes of anterior alveolar bone after treatment with mandibular molar distalization, evaluated with cone-beam computed tomography](#). Am J Orthod Dentofacial Orthop Clin Companion. 2021;1(1):73-85.

Kim H, Park SH, **Park JH**, Lee KJ. [Nonsurgical maxillary expansion in a 60-year-old patient with gingival recession and crowding](#). Korean J Orthod. 2021;51(3):217-227.

Kim KJ, **Park JH**, Chang NY, Kim BC, Chae JM [visiting scholar]. [Hemimandibular hyperplasia treatment with condylectomy and orthodontic camouflage treatment using miniplate](#). Am J Orthod Dentofacial Orthop. 2021;159(6):852-865.e5.

King AA [alum], Cox J [student], Bhatia S, **Snider KT**. [Characteristics and treatment of geriatric patients in an osteopathic neuromusculoskeletal medicine \(ONMM\) clinic](#). J Osteopath Med. 2021;121(5):503-511.

Kontos AP, Monti K [student], Eagle SR, Thomas E, Holland CL, Thomas D, Bitzer HB, Mucha A, Collins MW. [Test-retest reliability of the Vestibular Ocular Motor Screening \(VOMS\) tool and modified Balance Error Scoring System \(mBESS\) in US military personnel](#). J Sci Med Sport. 2021;24(3):264-268.

Lee DW, **Park JH**, **Bay RC**, Choi SK, Chae JM [visiting scholar]. [Cortical bone thickness and bone density effects on miniscrew success rates: a systematic review and meta-analysis](#). Orthod Craniofac Res. 2021;24(suppl 1):92-102.

Lee DW, **Park JH**, Moon W, Seo HY, Chae JM [visiting scholar]. [Effects of bicortical anchorage on pterygopalatine suture opening with microimplant-assisted maxillary skeletal expansion](#). Am J Orthod Dentofacial Orthop. 2021;159(4):502-511.

Lee GH, **Park JH**, Moon D, Lee SM. [Protocols for orthodontic treatment of patients with temporomandibular joint disorders](#). Am J Orthod Dentofacial Orthop. 2021;159(3):373-388.

Lee JY, **Park JH**, Lee NK, Kim J, Kim JM, Chae JM [visiting scholar], Kook YA. [Biomechanical analysis for total arch distalization according to location of force application and types of temporary skeletal anchorage devices](#). Clin J Korean Assoc Orthod. 2021;11(2):89-101.

Lee MY, **Park JH**, Chang NY, Seo HY, Chae JM [visiting scholar]. [Bone density measurements: multi-slice computed tomography versus cone-beam computed tomography](#). Clin J Korean Assoc Orthod. 2021;11(1):1-10.

Lim SH, **Park JH**. [Occlusal build-ups to prevent compensatory mandibular molar eruption during maxillary molar intrusion](#). J Clin Orthod. 2021;55(5):305-307.

Lohman Bonfiglio CM, Gilbert KK, Brismée JM, Sobczak S, Hixson KM [alum], James CR, Sizer PJ. [Upper limb neurodynamic testing with radial and ulnar nerve biases: an analysis of cervical spinal nerve mechanics](#). Musculoskelet Sci Pract. 2021;52:102320.

Mackert M, Bouchacourt L, Lazard A, Wilcox GB, Kemp D, Kahlor LA, George C, Stewart B, **Wolfe J**. [Social media conversations about community water fluoridation: formative research to guide health communication](#). J Public Health Dent. 2021;81(2):162-166.

Publications, continued

Mangal U, **Park JH**, Lim SH, Choi SK, Sung JH, Chae JM [visiting scholar]. [Control of the occlusal plane in orthognathic surgery](#). Am J Orthod Dentofacial Orthop Clin Companion. 2021;1(1):43-54.

Mann JB, Bird M, Signorile JF, **Brechue WF**, Mayhew JL. [Prediction of anaerobic power from standing long jump in NCAA Division IA football players](#). J Strength Cond Res. 2021;35(6):1542-1546.

McManus LS, Dominguez-Cancino KA, Stanek MK, Leyva-Moral JM, Brave-Tare CE, Rivera-Lozado O, Palmieri PA [adjunct]. [The patient-centered medical home as an intervention strategy for diabetes mellitus: a systematic review of the evidence](#). Curr Diabetes Rev. 2021;17(3):317-331.

Morales-Rosado JA, Singh H [student], Olson RJ, Larsen BT, Hager MM, Klee EW, Dhamija R. [Recurrent ganglioneuroma in PTPN11-associated Noonan syndrome: a case report and literature review](#). Am J Med Genet A. 2021;185(6):1883-1887.

Nagasawa PR, Harris T, Bester VS, Bolden AR, **Tshuma L**, Ryujin D, Murray D, Brown SD, Sturges D. [“I can’t breathe”: courageous conversations and responses to racism in physician assistant education](#). J Physician Assist Educ. 2021;32(2):127-130.

Nguyen C, Boutron I, **Zegarra-Parodi R**, Baron G, Alami S, Sanchez K, Daste C, Boisson M, Fabre L, Krief P, Krief G, Lefèvre-Colau MM, Rannou F. [Effect of osteopathic manipulative treatment vs sham treatment on activity limitations in patients with nonspecific subacute and chronic low back pain: a randomized clinical trial](#). JAMA Intern Med. 2021;181(5):620-630.

Nottingham SL, Kasamatsu TM, **Welch Bacon CE**. [Documentation practices of athletic trainers employed in the clinic, physician practice, and emerging clinical settings](#). J Athl Train. 2021;56(3):243-251.

Olds MK, Lemaster N, **Picha K**, Walker C, Heebner N, Uhl T. [Line hops and side hold rotation tests load both anterior and posterior shoulder: a biomechanical study](#). Int J Sports Phys Ther. 2021;16(2):477-487.

Owosho A, Tyler D, Adesina O, Odujoko O, Summersgill K. [NR4A3 \(NOR-1\) immunostaining shows better performance than DOG1 immunostaining in acinic cell carcinoma of salivary gland: a preliminary study](#). J Oral Maxillofac Res. 2021;12(1):e4.

Owosho AA, Adesina OM, Odujoko O, Soyeye OO, Komolafe A, Bauer R, Holte K, Summersgill KF. [MYB-NFIB translocation by FISH in adenoid cystic carcinoma of the head and neck in Nigerian patients: a preliminary report](#). Head Neck Pathol. 2021;15(2):433-437.

Owosho AA, Okwuosa C, Obi DI, Okiti RO, Summersgill KF. [Clear cell odontogenic carcinoma of the mandible harboring EWSR1 rearrangement: report of a massive jaw tumor and review of diagnostic considerations](#). Case Rep Dent. 2021;2021:5558019.

Owosho AA, Tyler D Jr, Summersgill KF. [A clinicopathologic study of secretory carcinoma of minor salivary gland: a series of 4 cases and diagnostic considerations](#). Oral Surg Oral Med Oral Pathol Oral Radiol. 2021;131(4):463-467.

Paik CH, Park KH, **Park JH**. [New orthopedic and orthodontic treatment modality for adult patients with skeletal Class III malocclusion with insufficient maxillary incisor exposure](#). Am J Orthod Dentofacial Orthop Clin Companion. 2021;1(1):22-30.

Pangrazio-Kulbersh V, Sabott DG, Foley P, Trulove T, Hernandez-Orsini R, **Park JH**, McCullough S, Rossouw E. [Evolution of the American Board of Orthodontics scenario-based clinical examination](#). Am J Orthod Dentofacial Orthop. 2021;159(6):703-704.

Park JH. [Continuing in the fine tradition](#). Am J Orthod Dentofacial Orthop. 2021;159(6):702.

Park JH. [TSADs special issue](#). Orthod Craniofac Res. 2021;24(suppl 1):3-4.

Publications, continued

- Park JH**, Kim JH [resident], **Bay RC**, Darendeliler MA, Wishney M, Nagel NJ. [Trends in the choice of a clinician for orthodontic treatment in the United States](#). Am J Orthod Dentofacial Orthop. 2021;159(6):766-773.
- Park JH**, Kim JH [resident], Rogowski L [resident], Al Shami S [fellow], **Howell SEI**. [Implementation of teledentistry for orthodontic practices](#). J World Fed Orthod. 2021;10(1):9-13.
- Park JH**, Lee GH, Moon DN, Kim JC, Park M, Lee KM. [A digital approach to the evaluation of mandibular position by using a virtual articulator](#). J Prosthet Dent. 2021;125(6):849-853.
- Park JU, **Park JH**, Kim Y, Kim CH, Kook YA. [Reprint of team approach for orthognathic surgery](#). Semin Orthod. 2021;27(1):34-44.
- Park KH, Park YG, **Park JH**. [Recovery of anterior torque loss and correction of deep bite occurring during orthodontic treatment with premolar extraction in Class II patients](#). Am J Orthod Dentofacial Orthop Clin Companion. 2021;1(1):31-42.
- Pham STD [student], Lee A, Struminger JS, Belkoff KM, Mendoza B, Berman SS. [Mycotic intrarenal aortic aneurysm due to mycobacterium after intravesical treatment for bladder cancer](#). J Vasc Surg Cases Innov Tech. 2021;7(2):354-356.
- Prier J [alum], **Ayars C**. [Evaluation of ethics curricula and faculty in accredited undergraduate radiologic technology programs](#). Radiol Technol. 2021;92(4):331-344.
- Quintana C, Heebner NR, **Picha KJ**, Andrews ML, Abt JP, Hoch MC. [Test-retest reliability and methodological considerations of the Sensory Organization Test in healthy young adults](#). Athl Train Sports Health Care. 2021;13(3):103-110.
- Quintana CP, **Valovich McLeod TC**, Olson AD, Heebner NR, Hoch MC. [Vestibular and ocular/oculomotor assessment strategies and outcomes following sports-related concussion: a scoping review](#). Sports Med. 2021;51(4):737-757.
- Rashid S**, ElSalhy M. [Efficacy of MI Paste® on bleaching-related sensitivity: randomized clinical trial](#). Int J Dent. 2021;2021:9963823.
- Roush J**, Heick JD, Hawk T [alum], Eureka D [alum], Wallis A [alum], Kiflu D [alum]. [Agreement in walking speed measured using four different outcome measures: 6-meter walk test, 10-meter walk test, 2-minute walk test, and 6-minute walk test](#). Internet J Allied Health Sci Pract. 2021;19(2):7.
- Ruotolo A**, Banks R [adjunct], **Gibson M**. [Perceived benefits of the AuD degree among Canadian audiologists](#). Can Audiol. 2021;8(3).
- Sainbayar E [student], Holt N [student], Jacobson A [student], Bhatia S, **Weaver C**. [Efficacy of implementing intermittent STOP THE BLEED® reviews on long term retention of hemorrhage control skills of first year medical students](#). J Osteopath Med. 2021;121(6):543-550.
- Shultz SJ, **Valovich McLeod TC**. [The growing influence of female athletic training scholars](#). J Athl Train. 2021;56(3):219.
- Singh R, Richter KR, Pollock JR, Haglin JM, Balli N [student], Catapano J, Zimmerman RS, Patel NP. [Trends in neurosurgical practice size: increased consolidation 2014-2019](#). World Neurosurg. 2021;149:e714-e720.
- Snyder Valier AR**, **Picha KJ**, **Fay DR**. [Athletic trainers' experiences working with athletes with a physical disability in school-based sports](#). Int J Athl Ther Train. 2021;26(3):167-174.

Publications, continued

Speer JE, Barcellona MN, Lu MY, Zha Z, Jing L, Gupta MC, Buchowski JM, Kelly MP, Setton LA. [Development of a library of laminin-mimetic peptide hydrogels for control of nucleus pulposus cell behaviors](#). J Tissue Eng. 2021;12:20417314211021220.

Speer JE, Lyon M, Johnson J. [Gains and losses in virtual mentorship: a descriptive case study of undergraduate mentees and graduate mentors in STEM research during the COVID-19 pandemic](#). CBE Life Sci Educ. 2021;20(2):14.

Thimsen TJ [alum]. [Identifying teaching methods used by clinical instructors in nuclear medicine](#). Radiol Technol. 2021;92(4):354-366.

Thompson-Robinson M, Adlam J, **Anderson E**, Traylor D [adjunct], Dodge-Francis C. [COVID-19 and communities of color: understanding the impact of racism on public health](#). Nev J Public Health. 2021;18:18-40.

Tjong E [student], **Keane JF**, **Goldstein LB**. [Knee pain and function: nonoperative approaches to managing patellofemoral pain syndrome](#). Pract Pain Manag. 2021;21(3).

Uppuluri A, Bhagat S [student], Zarbin MA, Bhagat N. [Central retinal artery occlusion with atrial fibrillation or atrial flutter](#). Graefes Arch Clin Exp Ophthalmol. 2021;259(6):1673-1676.

Vaidya P [resident], **Keane JF**, **Goldstein L**. [Gout diagnosis and management: updated treatment guidelines](#). Pract Pain Manag. 2021;21(3).

Van Lunen BL, Clines SH, Reems T, Eberman LE, Hankemeier DA, **Welch Bacon CE**. [Employability in academe for athletic trainers with the doctor of athletic training degree](#). J Athl Train. 2021;56(3):220-226.

Welch LM [alum], **Ayars CL**. [Investigation of the cultural competence of dental hygienists practicing in a region of low diversity](#). J Dent Hyg. 2021;95(2):14-20.

Williams RM [alum], Johnson RS [alum], **Snyder Valier AR**, **Bay RC**, **Valovich McLeod TC**. [Evaluating multiple domains of health in high school athletes with sport-related concussion](#). J Sport Rehabil. 2021;30(4):545-551.

Windsor PK, Plassmeyer SP, Mattock DS, Bradfield JC, Choi EY [alum], Miller BR 3rd, **Han BH**. [Biflavonoid-induced disruption of hydrogen bonds leads to amyloid- \$\beta\$ disaggregation](#). Int J Mol Sci. 2021;22(6):2888.

Woldt JL, **Nenad MW**. [Reflective writing in dental education to improve critical thinking and learning: a systematic review](#). J Dent Educ. 2021;85(6):778-785.

Wright SA [alum], **Snyder Valier AR**. [Health-related quality of life in former Division II collegiate athletes using the Disablement of the Physically Active Scale](#). Athl Train Sports Health Care. 2021;13(2):85-92.

Young BA, **Adams J**, **Beary JM**, Mardal KA, **Schneider R**, **Kondrashova T**. [Variations in the cerebrospinal fluid dynamics of the American alligator \(*Alligator mississippiensis*\)](#). Fluids Barriers CNS. 2021;18:11.

Presentations and abstracts

Anderson E, Glaser K, Lewis JH, Appikatla S, Ellsworth M, Sheridan V, Whisenant E. Leading and teaching in the nation's health centers to address health disparities: the PCTE fellowship. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Andriole DA, Holmboe E, Linsenmeyer M, Ryan MS, Santen S, **Sheridan V.** Perspectives on assessment across the continuum. EPAs, milestones, and more. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Arbizu M, Johnson HA, Michaels VG, Cottam WW. Social mission and health equity from classroom to clinic to practice. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Bachus V [alum], **Dishman L, Fick J.** How does multi-generational employee engagement affect United States federally qualified health centers' financial performance? Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Barnhart M, **Bay RC, Valovich McLeod TC.** The influence of timing of reporting and clinic presentation on concussion recovery outcomes: a systematic review and meta-analysis. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S161.

Beard K, Batra S, Brandt B, **Lewis JH.** Transforming health and health professions education. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Bonazelli E [student], **Dishman L, Fick J.** A systematic literature review: relationships between US hospitals' executive leadership competencies and organizational VBP performance. Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Bowman TG, Hargrave C, Singe SM, Register-Mihalik JK, Pike Lacy AM [fellow]. Returning to the higher education classroom following concussion. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S160.

Brantley M [alum], **Dishman L, Fick J.** Exploring the impact of patient education and medication adherence on the health outcomes of adult diabetic patients in large urban areas of the US. Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Bright H, Brodie A, Lipke L, Fitterling L, Kelley S, Robinson K. The top-cited articles in osteopathic medical education: a bibliometric analysis. Poster presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Burch A. Listening and learning through COVID-19: lived experience in the US of an academic dean in the health professions. Presented virtually at: World Physiotherapy Congress 2021; April 9-11, 2021.

Cabra NL [alum], Pennington TC [alum], Cavallario JM, Eberman LE, **Welch Bacon CE.** Athletic trainers' familiarity with and perceptions of athletic training scope of practice. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S35.

Carlisle T [student], **Bay RC, Lam KC.** Epidemiology of patients presenting to emergency departments in the United States with football-related injuries, 2006-2019. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S77.

Cavallario JM, **Welch Bacon CE,** Walker SE [adjunct], **Bay RC,** Van Lunen BL. Influence of preceptor/student gender bias on the implementation of core competency professional behaviors during clinical experience: a report from the AATE Research Network. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S272.

Presentations and abstracts, continued

Cox J [student], **Kirsch J**. Interrelatedness of forearm and neck somatic dysfunction: an osteopathic manipulative treatment case report. Poster presented virtually at: 2021 American Academy of Osteopathy Convocation; March 17-21, 2021.

Crawford RJ, Ni A, **Villaneuva N**. Sparking the change that we wish to see. Poster presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Dajani T, Parker S [student], Shumway DO [student], Brown M [student], Chang J [student], Hollebeck SJ [student], Jones D [student], Lee S [student], McGinnis M [student], **Roy D**. Association between cognitive test anxiety scale and poor COMSAE Phase 1 scores. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

David S, **Farris J**, Kerr Z, Rosenthal M, Singe S, Konin J. The presence of cannabis-related content in healthcare curriculums in the USA. Poster presented virtually at: Sports, Medicine and Health Summit 2021; April 20-24, 2021.

Davis B [student], **Dishman L**. Exploring the effects of a syringe services program (SSP) in a Native American community. Poster presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

DeVore K. Growing our own at A.T. Still University: community empowerment. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

DiBaise M, **Kiselyk A**. Ensuring an equitable admissions process: using non-cognitive variables. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Dishman L. How to teach online health administration courses effectively? Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Dobrowolski DJ, **Welch Bacon CE**, Eberman LE. Factors influencing athletic trainers to pursue residency training. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S96.

Evans C [student], **Picha KJ**, **Huxel Bliven KC**, **Bay RC**, **Valovich McLeod TC**. The relationships between early sports specialization, overuse injuries, and health-related quality of life in throwing athletes. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S151.

Fischer J, Graneto J, Krajcik D, **Sexton P**, Speicher M. Professional development in medical education: opportunities for growth. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Garrison D [student], **Degenhardt B**, **Kirsch J**. Standardizing methodology for headache research in manipulative therapy. Poster presented virtually at: 2021 American Academy of Osteopathy Convocation; March 17-21, 2021.

Glaser K. Transforming international service learning into meaningful community engagement. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Glaser K, Moeller A [student], Gould M, Laurent ML, **Pazdernik VMK**, Roett M. Social circle of a medical student: influence on primary care choice. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Glaser K, **Pazdernik VMK**, **Sackett D**, **Sheridan V**. Online clerkship curriculum enhances student performance on national standardized examinations. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Presentations and abstracts, continued

Glaser K, Whisenant E. Developing the primary care transformation executive (PCTE) fellowship curriculum. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Gold J. Effects of cannabis on oral health. Presented at: 4th Florida Medical Cannabis Conference; June 11-13, 2021; Naples, FL.

Gold J. How “we” train competent evidence-based practitioners. Presented virtually at: 2021 American Dental Education Association Annual Meeting; March 13-16, 2021.

Hayer R, Terry VS, **Whisenant E.** The H&P 360: developing an integrated learning innovation to expand the role of social determinants of health in equitable chronic disease prevention and management. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Heath D. Locally grown: community health centers mentor local students as “hometown scholars” to match students in ATSU-SOMA’s contextual learning curricular model. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Hickman KA [student]. Compliance and liability considerations for physicians and organizations employing physician assistants and nurse practitioners: a review of case law and complaints. Presented virtually at: Health Care Compliance Association 25th Annual Compliance Institute; April 19-22, 2021.

Hofmann DW, **Welch Bacon CE**, Eberman LE. Developing and assessing clinical reasoning in athletic training residency education. Presented virtually at: 2021 National Athletic Trainers’ Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S103.

Howell S, Motahari M, Trombly CR, Cottam WW. IPE from the classroom to practice. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Inks P, Michaels VG. Growing our own at A.T. Still University: integrated primary care, oral health, and behavioral health. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Jepson S, LaBaere R II, Snider KT. Integrating scholarly activity into a crowded osteopathic recognition curriculum. Presented virtually at: Society of Teachers of Family Medicine Annual Spring Conference; May 3-7, 2021.

Jepson SM, LaBaere R II, Snider K. Supporting osteopathic recognition with scholarship opportunities. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Jones BC, Cavallario JM, **Welch Bacon CE**, Walker SE [adjunct], **Bay RC**, Van Lunen BL. Athletic training student core competency professional behavior implementation between immersive and non-immersive experiences: a report from the AATE Research Network. Presented virtually at: 2021 National Athletic Trainers’ Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S87.

Kirkpatrick SN [student]. Enhancing sustainability of global health initiatives through community engagement and public health education. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Lam KC, Marshall AN [adjunct], **Valovich McLeod TC**, **Snyder Valier AR.** Injury and treatment characteristics of sport-specific injuries from 2013-2020: a report from the Athletic Training Practice-Based Research Network. Presented virtually at: 2021 National Athletic Trainers’ Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S152.

Lam KC, Welch Bacon CE. Academic electronic medical records: an education tool to enhance patient documentation and health information technology in clinical practice. Presented virtually at: Virtual Athletic Training Educators’ Conference 2021; April 29-May 1, 2021.

Presentations and abstracts, continued

Latvis L [alum], **Fick J, Dishman L**. Leadership competencies and patient experience: a literature review. *Mich Acad.* 2021;47(3):52.

Latvis L [alum], **Fick J, Dishman L**. What senior healthcare leadership competencies matter most to affect positive patient experiences in United States inpatient acute care hospitals? Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Lewis EJ, Tucker WS, Laudner KG, **Snyder Valier AR**, Decoster LC, Matthews LW, **Huxel Bliven KC**. Strength and range of motion differences at the hip, thoracolumbar, and glenohumeral joints between Division I and Division III baseball players. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S313.

Lutgen CB, Manson L, **Tshuma L**, Harrell S, Martin M, Wade A. Integrated care capacity building: essential skills for primary care providers. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Madhavpeddi A, Phillips MA, Cox-Ferreras M, Kozak I, McCarthy MF, **Danielsen RD**. Serving those who serve: educating the current and future health care workforce on providing care to America's veteran population. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Makin IRS, Jabs H, Mast TD, Radziemski L. Demonstration of healthcare-specific Li-ion battery charging using ultrasound power delivery. Presented at: Institute of Electrical and Electronics Engineers Wireless Power Transfer Conference; June 1-4, 2021; San Diego, CA.

Makin IRS, Pedapati C, Kendall K [student], **Huxel Bliven K**. Quantitative median nerve assessment at carpal tunnel among repetitive wrist use dental practitioners. Presented virtually at: American Institute of Ultrasound in Medicine 2021 Annual Meeting; April 11-14, 2021.

Marshall AN [adjunct], Wikstrom EA, **Bay RC, Lam KC**. The impact of treatment characteristics on self-reported function at the time of return to play following an ankle sprain injury: a report from the Athletic Training Practice-Based Research Network. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S24.

Martin M, **Tshuma L**, Manson L, Lutgen C, Wade A, Harrell L. Identifying essential skills for integrated behavioral health: a Delphi survey with the AAFP National Research Network. Presented virtually at: 2021 Society of Teachers of Family Medicine Annual Spring Conference; May 3-7, 2021.

Matthews LW, Tucker WS, Laudner KG, **Snyder Valier AR**, Decoster LC, Lewis EJ, **Huxel Bliven KC**. Relationships between hip, thoracolumbar and glenohumeral ranges of motion in Division I collegiate baseball players. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S311.

Moore H [alum], **Dishman L, Fick J**. Planning for the future: a cross-sectional exploration of the relationship between operational succession planning and employee turnover in medical practices. Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Moore H [alum], **Dishman L, Fick J**. Understanding operational succession planning and employee turnover of healthcare organizations. *Mich Acad.* 2021;47(3):52-53.

Moreau M [alum], Robison HJ, **Snyder Valier AR, Huxel Bliven KC**, Morris SN, Nelson EJ. Descriptive report of injuries sustained by secondary school baseball players categorized by level of community socioeconomic status. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S44.

Presentations and abstracts, continued

Morgan C, Ruddy M, Spegman D. Innovations in sharing community oriented primary care research with communities. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Mun RW [student]. Underestimation of disease burden among Native Hawaiian diabetes mellitus patients. Poster presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Ndinjiakat SK [alum], **Fick J**, **Dishman L**. How does formal succession planning affect leadership sustainability and organizational performance of United States hospitals? *Mich Acad.* 2021;47(3):53-54.

Normore C, Boatright D, Flinter MM, Evans C. Fixing the framework. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Nottingham SL, **Welch Bacon CE**, Kasamatsu TM. Documentation behaviors of athletic trainers employed in college/university clinical settings. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S206.

Obadia S, **Schwartz F**, Thomas-Hemak L. High value training relationships with community health center partners. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Ogbanga B [student]. Discussion group: making your voice heard in a professional climate. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Park JH. Anterior open bite correction: conventional treatment vs. TADs. Presented virtually at: 2021 American Association of Orthodontists Annual Session; June 25-27, 2021.

Park JH. Going viral: COVID effects on education, patient care, and recruitment. Presented virtually at: 2021 American Association of Orthodontists Society of Educators Carla A. Evans Educational Leadership Virtual Conference; May-June, 2021.

Pendlebury GA [student], **Goldstein LB**, **Keane J**, Oro P [student], Rehman S. A call to action: VA pilot program addressing the suicide epidemic in the veteran population. Poster presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Perry KB, **Obadia S**. Growing our own at A.T. Still University: innovative learning integration. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Picha KJ, **Hlavac R**, Williams B [alum], **Conley Q**, **Huxel Bliven KC**. Strategies for implementing team-based learning into a synchronous online graduate anatomy course. Presented virtually at: 2021 American Association of Clinical Anatomists Annual Meeting; June 28-July 2, 2021.

Picha KJ, **Valovich McLeod TC**, **Bay RC**, Evans C [student], **Huxel Bliven KC**. Upper extremity injury history impacts current health related quality of life in collegiate baseball and softball athletes. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S301.

Pike Lacy AM [fellow], Cavallario JM, **Lam KC**, **Welch Bacon CE**. Athletic trainers' perceptions of and experiences with unlearning in clinical practice. Poster presented virtually at: Virtual Athletic Training Educators' Conference 2021; April 29-May 1, 2021. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S36. *Winner of the NATA Foundation Free Communications Early-Career Researcher Award*

Pong M. Admissions process: selecting the right students for a mission to serve. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Presentations and abstracts, continued

Ricker-Boles K, Adlam J, Dodge-Frances C, Traylor D [adjunct], **Anderson E**, Murphy-Belcaster M, Thompson-Robinson M, King S, Burton T. Women's perceived stressors and coping during COVID-19. Poster presented virtually at: XULA-COP 14th Health Disparities Conference; April 7-8, 2021.

Rivera MJ, Arredondo S, **Welch Bacon CE**, Games KE, Eberman LE. Practice-based research experiences of Doctor of Athletic Training degree graduates. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S100.

Scott K [alum]. Exploring the effects of physician-in-training burnout on quality of patient care. Poster presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Sheridan V, Tshuma L, Schwartz FN. Impacting communities through osteopathic education: CHC partnerships for integrated care. Presented virtually at: American Association of Colleges of Osteopathic Medicine Annual Conference; April 20-22, 2021.

Silva H, Davis JM, Krueger G. A new and innovative model between community health and an academic dental institution: addressing oral health disparities of US veterans through community and academic partnerships. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Silva K [student]. Educational benefits of meaningful engagement with international communities. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Skinner K. Aging effects on a concurrent and sequential dual-task paradigm. Poster presented virtually at: 48th Annual Scientific and Technology Conference of the American Auditory Society; March 4-6, 2021.

Speer JE, Clapacs Z. Development and implementation of an engineering research course for a college-in-prison program. Presented virtually at: 2021 Summer Biomechanics, Bioengineering and Biotransport Conference; June 14-18, 2021.

Speer JE, Lyon M, Johnson J. Virtual research mentoring between graduate and undergraduate students during the COVID-19 pandemic. Presented virtually at: 2021 Summer Biomechanics, Bioengineering and Biotransport Conference; June 14-18, 2021.

Sturges D, Bruessow D, Greenlee Q, **Tshuma L**. Toward health equity: social determinants of health and PA practice. Presented virtually at: American Academy of Physician Assistants 2021 Conference; May 23-26, 2021.

Thomas K [alum]. The impact of target stroke on time to alteplase and symptomatic intracranial hemorrhage complication rates: an analysis from 2010-2020. Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Toohill HR [student], **Huxel Bliven KC**, Hamme J [student], **Lam KC, Snyder Valier AR**. Clinical evaluation findings in patients diagnosed with deltoid ligament ankle sprains: a report from the Athletic Training Practice-Based Research Network. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: J Athl Train. 2021;56(suppl 6):S167.

Traylor D [adjunct], **Anderson E**, Thompson-Robinson M, Adlam J, Ricker K, Dodge-Frances C, Burton T, King S, Murphy-Belcaster M. COVID-19: stress and coping in communities of color. Presented virtually at: National Rural Health Association Annual Rural Health Conference; May 4-7, 2021.

Traylor D [adjunct], **Anderson E**, Thompson-Robinson M, Adlam J, Ricker K, Dodge-Frances C, Burton T, King S, Murphy-Belcaster M. Stress and coping: African Americans during COVID-19. Poster presented virtually at: National Rural Health Association Annual Rural Health Conference; May 4-7, 2021.

Tshuma L, Brown SD, Harris T. Addressing opioid use disorders in diverse communities: finding the you in OUD solutions! Presented virtually at: American Academy of Physician Assistants 2021 Conference; May 23-26, 2021.

Presentations and abstracts, continued

Tshuma L, Gupta J, Dahl-Popolizio S. Better together: occupational therapists in primary care integrated behavioral health teams. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Tshuma L, Sheridan V. Integrated behavioral health medical education partnerships in diverse communities. Poster presented virtually at: 2021 Group on Diversity and Inclusion (GDI) and Health Workforce Research Joint Conference; May 5-7, 2021.

Tshuma L, Spegman D, Schwartz F. Integrated behavioral health education for trainees, faculty, and providers: transforming lives and communities with our nation's health centers. Presented virtually at: 2021 Beyond Flexner Conference; April 26-28, 2021.

Valovich McLeod TC, Lam KC, Snyder Valier AR, Weber Rawlins ML [fellow], Bay RC. Test-retest reliability and concurrent validity of the Concussion Quality of Life-Youth patient-report outcome measure. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S18. *Winner of the NATA Foundation Free Communications Established Career Researcher Award*

Wade A, Cory BB, **Tshuma L**, Manson L, Harrell L, Martin M. Identifying core competencies for primary care medical providers practicing integrated behavioral health. Presented virtually at: Society of Behavioral Medicine 42nd Annual Meeting; April 12-16, 2021. Abstract published in: *Ann Behav Med.* 2021;55(suppl 1):S263.

Waterman DC, **Welch Bacon CE**, Cavallario JM, Eberman LE. Athletic trainers' perceptions and frequency of use of health care core competencies. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S201.

Wehner A [student], **Fick J, Dishman L.** A systematic literature review of the relationship between resilience and burnout among healthcare executives. Presented virtually at: Michigan Academy of Science, Arts and Letters Annual Conference; March 12, 2021.

Welch Bacon CE, Lam KC. Academic electronic medical records: an educational tool to enhance patient documentation and health information technology in clinical practice. Presented virtually at: Virtual Athletic Training Educators' Conference 2021; April 29-May 1, 2021.

Welch Bacon CE, Pike Lacy AM [fellow], Kroskie R [alum], Cavallario JM. Athletic training students' perceptions of translating knowledge from classroom to clinical practice. Presented virtually at: 2021 National Athletic Trainers' Association Clinical Symposia; June 22-24, 2021. Abstract published in: *J Athl Train.* 2021;56(suppl 6):S101.

Welch Bacon CE, Van Lunen BL. Educational research: building my research plan part 1. Presented virtually at: National Athletic Trainers' Association Educational Advancement Research Series Virtual Conference; April 8-May 6, 2021.

Welch Bacon CE, Van Lunen BL, Cavallario JM. Educational research: building my research plan part 2. Presented virtually at: National Athletic Trainers' Association Educational Advancement Research Series Virtual Conference; April 8-May 6, 2021.

Welch Bacon CE, Walker SE [adjunct], Cavallario JM, Bay RC, Van Lunen BL. Athletic training student application of health information technology based on their role during patient encounters: a report from the AATE Research Network. Poster presented virtually at: Virtual Athletic Training Educators' Conference 2021; April 29-May 1, 2021.

Wilbers J [alum], **Dishman L, Fick J.** Quality of patient care as an antecedent of patient satisfaction: a mixed-method study about inpatient acute-care hospitals across the United States. *Mich Acad.* 2021;47(3):51.

Woldt J, Nenad M. The accreditation self-study: consider it handled! Presented virtually at: 2021 American Dental Education Association Annual Meeting; March 13-16, 2021.

Sorry we missed you last time

Burton T, Andrews J, Murphy-Belcaster M, Thompson-Robinson M, Dodge Francis C, Traylor D [adjunct], **Anderson E**, Ricker K, King S. [Stress and coping among American Indian/Alaska Natives in the age of COVID-19](#). Am Indian Cult Res J. 2020;44(2):49-70.

Cunningham JW [student]. [Prompt evaluation and treatment of third-trimester bleeding](#). JAAPA. 2021;34(1):26-31.

DiSanti JS [fellow], **Snyder Valier AR**, **Valovich McLeod TC**. Exploring parent-athlete dyads' perceptions of sports specialization and sport experiences in an early youth community-based sport program. Presented virtually at: 2021 Pediatric Research in Sports Medicine (PRiSM) Annual Meeting; January 28-30, 2021.

Haynes PL, **Wolf RL**, Howe GW, Kelly MR. [Unemployed individuals reporting hindrance work stress at previous job have increased likelihood of insomnia disorder](#). Int J Behav Med. 2021;28(1):39-47.

Jepson S, Mirocha N [NCOPPE member], Bortell M [NCOPPE member]. A nuts and bolts approach to continued osteopathic recognition. Presented virtually at: ACGME/AOGME Inaugural Osteopathic Recognition Pre-Conference; February 24, 2021.

Jung CY, **Park JH**, Ku JH, Lee NK, Kim Y, Kook YA. [Dental and skeletal effects after total arch distalization using modified C-palatal plate on hypo- and hyperdivergent Class II malocclusions in adolescents](#). Angle Orthod. 2021;91(1):22-29.

Nimblett-Clarke A [student]. [The role of vaccine exemptions in the resurgence of measles](#). JAAPA. 2021;34(2):36-40.

Salas-Provance MB, Escobedo Arriola M, Torres Arrunátegui PM. [Managing in a crisis: American and Peruvian professionals' experiences during COVID-19](#). Perspect ASHA Spec Interest Groups. 2020;5(6):1785-1788.

Snedden T, **Valovich McLeod TC**, Post E, Zaslow T, Fetchen-DiCesaro S, Mohrbacher D, Bell DR, PRiSM Sports Specialization Research Interest Group. Pediatric healthcare provider knowledge and perceptions of sports specialization. Presented virtually at: 2021 Pediatric Research in Sports Medicine (PRiSM) Annual Meeting; January 28-30, 2021.

Valovich McLeod TC, Snedden T, Post E, Zaslow T, Fetchen-DiCesaro S, Mohrbacher D, Bell DR, PRiSM Sports Specialization Research Interest Group. Pediatric healthcare provider awareness, confidence, and use of sports specialization recommendations and applications towards youth athlete counseling. Presented virtually at: 2021 Pediatric Research in Sports Medicine (PRiSM) Annual Meeting; January 28-30, 2021.

Woodard T [student], Anderson L [student], Ehrig J, Shaver C, Hofkamp M. [SARS-CoV-2 testing and clinical outcomes in a Texas tertiary care center labor and delivery unit](#). Proc (Bayl Univ Med Cent). 2021;34(2):229-231.

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