



# ATSU RESEARCH

A newsletter produced by Research Support

Images (periodontal tissue of the maxillary first molar in rat) courtesy of Dr. Jae Hyun Park and colleague Dr. Je-Won Shin

*“It takes a trained and discerning researcher to keep the goal in sight and to detect evidence of the creeping progress toward it.” ~John C. Polanyi*

## Publications

Abdulkarim HH, Vij A, McLeod DE. [Combination scan technique: an innovative approach to diagnosing altered passive eruption](#). J Cosmet Dent. 2020;36(3):64-70.

Abdulwhab A, Ku JH, Alfawaz F, Park JH, Kook YA. [Adjunctive surgery after total arch distalization to optimize esthetics](#). APOS Trends Orthod. 2020;10(3):185-190.

Agadjanian AK, Kondrashov P. [Late Pleistocene \(Eemian\) mollusk and small mammal fauna from Mikhailovka-5 \(Kursk oblast, Central Russia\)](#). Fossil Imprint. 2020;76(1):17-39.

Batten S [student], Pazdernik V, Schneider R, Kondrashova T. [Interprofessional approach to learning vascular access with ultrasonography by medical students and nurses](#). Mo Med. 2020;117(5):450-456.

Bayome M, Park JH, Shoaib AM, Lee NK, Boettner V, Kook YA. [Comparison of facial esthetic standards between Latin American and Asian populations using 3D stereophotogrammetric analysis](#). J World Fed Orthod. 2020;9(3):129-136.

Cayton SJ [alum], Valovich McLeod TC. [Characteristics of burnout among collegiate and secondary school athletic trainers: a systematic review](#). Athl Train Sports Health Care. 2020;12(5):227-234.

Chae JM [visiting scholar], Gousman J [student], Seo JW, Bay RC, Jue SS, Park JH. [A retrospective CBCT study of the relationship between mandibular symphysis bone density and mandibular growth direction](#). J Clin Pediatr Dent. 2020;44(5):356-365.

Chae JM [visiting scholar], Park JH, Kim SH, Mangal U, Seo HY. [Prognostic indicators for anterior mandibular repositioning in adolescents with Class II malocclusion: a cross-sectional cephalometric study](#). J Clin Pediatr Dent. 2020;44(4):274-282.

## **Publications, continued**

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Challa KT, LeBlanc M [student], Makonnen H. [Escalation of an otherwise curable cancer: retroperitoneal mass destruction associated with testicular seminoma in a psychiatric patient](#). Cureus. 2020;12(10):e10925.

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Daood U, **Omar H**, Qasim S, Nogueira LP, Pichika MR, Mak KK, Steier L, Cky Y, Lin SL, Fawzy AS. [New antimicrobial and collagen crosslinking formulated dentin adhesive with improved bond durability](#). J Mech Behav Biomed Mater. 2020;110:103927.

Darnall C [student], **Keane JF**, **Goldstein LB**. [Pelvic inflammatory disease: diagnosis, education, and treatment options](#). Pract Pain Manag. 2020;20(5).

**Doublestein DA**. [The lived experience of primary lymphoedema: a phenomenological study of personage and caregiver](#). J Lymphoedema. 2020;15(1):22-28.

Elsaharty SA, Tjong E [student], Gadiok G [student]. [Spontaneous intraperitoneal urinary bladder rupture due to alcohol-intoxication](#). Urology. 2020;145:e12-e16.

Franklin RC, Peden AE, Hamilton EB, Bisignano C, Castle CD, Dingels ZV, ... Filip I [alum], ... Radfar A [alum], et al. [The burden of unintentional drowning: global, regional and national estimates of mortality from the Global Burden of Disease 2017 study](#). Inj Prev. 2020;26(suppl 1):i83-i95.

Frantsve-Hawley J, **Kumar SS**, Rindal DB, Weyant RJ. [Implementation science and periodontal practice: translation of evidence into periodontology](#). Periodontol 2000. 2020;84(1):188-201.

Glaviano NR, Marshall AN [adjunct], Mangum LC, Hart JM, Hertel J, Russell S, Saliba S. [Improvements in lower-extremity function following a rehabilitation program with patterned electrical neuromuscular stimulation in females with patellofemoral pain: a randomized controlled trial](#). J Sport Rehabil. 2020;29(8):1075-1085.

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Haagsma JA, James SL, Castle CD, Dingels ZV, Fox JT, Hamilton EB, ... Filip I [alum], ... Radfar A [alum], et al. [Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017](#). Inj Prev. 2020;26(suppl 1):i12-i26.

Haagsma JA, Olij BF, Majdan M, van Beeck EF, Vos T, Castle CD, ... Filip I [alum], ... Radfar A [alum], et al. [Falls in older aged adults in 22 European countries: incidence, mortality and burden of disease from 1990 to 2017](#). Inj Prev. 2020;26(suppl 1):i67-i74.

Halgas B, **Bay C**, Neagoe A, Richey K, Hofmann L, Foster K. [Association between hyperoxia and mortality in severely burned patients](#). Burns. 2020;46(6):1297-1301.

## **Publications, continued**

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Hasan N [student], McGrath M [student], Cortes G [student], Miller J, Deck C. [A case report on managing hemolysis, elevated liver enzymes, and low platelets \(HELLP syndrome\) during a rapid response code](#). Cureus. 2020;12(10):e11028.

Hattrup NM [alum], Gardiner RL [alum], Gray HN [alum], **Welch Bacon CE, Valovich McLeod TC**. [The ability of baseline and normative neurocognitive testing to identify cognitive impairments following concussion: a critically appraised topic](#). Int J Athl Ther Train. 2020;25(6):281-288.

Hintz M [student], Ernest TL [student], **Kondrashov P**. [Use of the contralateral knee as a control in the destabilization of medial meniscus osteoarthritis rat model](#). Mo Med. 2020;117(5):457-460.

**Huxel Bliven KC**. [Our commitment to diversity, equity, and inclusion](#). J Sport Rehabil. 2020;29(7):859.

James SL, Castle CD, Dingles ZV, Fox JT, Hamilton EB, Liu Z, ... Filip I [alum], ... Radfar A [alum], et al. [Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017](#). Inj Prev. 2020;26(suppl 1):i96-i114.

James SL, Lucchesi LR, Bisignano C, Castle CD, Dingles ZV, Fox JT, ... Filip I [alum], ... Radfar A [alum], et al. [Epidemiology of injuries from fire, heat and hot substances: global, regional and national morbidity and mortality estimates from the Global Burden of Disease 2017 study](#). Inj Prev. 2020;26(suppl 1):i36-i45.

Jones KC, Tocco EC, Marshall AN [adjunct], **Valovich McLeod TC, Welch Bacon CE**. [Pain education with therapeutic exercise in chronic nonspecific low back pain rehabilitation: a critically appraised topic](#). J Sport Rehabil. 2020;29(8):1204-1209.

**Jurado CA**, Mourad F, Felton D, Tinoco JV. [Clinical workflow of two different CAD/CAM systems for veneers manufacture](#). European J Gen Dent. 2020;9(3):174-180.

**Jurado CA**, Tsujimoto A, Villalobos-Tinoco J, Watanabe H, Takamizawa T, Miyazaki M. [Minimally invasive technique for non-vital tooth bleaching using traditional Japanese paper](#). J Oral Sci. 2020;62(4):458-460.

Kasamatsu TM, Nottingham SL, Eberman LE, Neil ER, **Welch Bacon CE**. [Patient care documentation in the secondary school setting: unique challenges and needs](#). J Athl Train. 2020;55(10):1089-1097.

Katyal N, Singh I, Narula N, Idiculla PS, Premkumar K, **Beary JM**, Nattanmai P, Newey CR. [Continuous electroencephalography \(CEEG\) in neurological critical care units \(NCCU\): a review](#). Clin Neurol Neurosurg. 2020;198:106145.

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Komro J [student], Gonzales J [student], **Marberry K**, Main DC, **Cramberg M, Kondrashov P**. [Fibrocartilaginous metaplasia and neovascularization of the anterior cruciate ligament in patients with osteoarthritis](#). Clin Anat. 2020;33(6):899-905.

## **Publications, continued**

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**Kondrashova T**, Canaan R [student], Gunn B [student], **Pazdernik V**, **Houser JJ**. [Development of competency in needle-guided procedures through the use of soft-embalmed cadavers](#). Mo Med. 2020;117(5):461-468.

**LaBaere RJ II**, Jordan KJ. [Impact of the single accreditation system on Missouri osteopathic graduate medical education](#). Mo Med. 2020;117(5):444-449.

Laudenbach JM, **Kumar SS**. [Common dental and periodontal diseases](#). Dermatol Clin. 2020;38(4):413-420.

Leyva-Moral JM, Dominguez-Cancino KA, Edwards JE, Moríña-Soler D, Cesario SK, Guevara-Vasquez GM, Feijoo-Cid M, Palmieri PA [adjunct]. [Attitudes toward caring for people living with HIV/AIDS: a cross-sectional study of nursing faculty in six countries](#). Open AIDS J. 2020;14:90-99.

Linsenmeyer M, Wimsatt L, Speicher M, Basehore P, **Sexton PS**. [Status of Entrustable Professional Activities \(EPA\) implementation at colleges of osteopathic medicine in the United States and future considerations](#). J Am Osteopath Assoc. 2020;120(11):749-760.

Lisee CM, DiSanti JS [fellow], Chan M, Ling J, Erickson K, Shingles M, Kuenze CM. [Gender differences in psychological responses to recovery after anterior cruciate ligament reconstruction before return to sport](#). J Athl Train. 2020;55(10):1098-1105.

**Marberry K**, Boehm K, Korpi F, **Johnson J**, **Kondrashov P**. [Anatomical and radiographic characterization of the lateral patellofemoral ligament of the knee](#). Mo Med. 2020;117(5):469-474.

**Mehta Z**, **Hale T**, McMillan R [student], Sudaj G [student], Pullman K, Belus G. [Neurodegenerative diseases and the auditory-vestibular system](#). Hear J. 2020;73(10):38, 40-41.

Melvin C [alum]. [Linked together: one health](#). Today's Vet Nurse. 2020;3(4):30-36.

Merkley H [alum], **Alexander J**. [Assessment of the electronic health record skills needed for the health information management student](#). J Allied Health. 2020;49(3):164-168.

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Moon DN, **Park JH**, Lee GH. [Authors' response](#). Am J Orthod Dentofacial Orthop. 2020;158(3):317.

Mullaguri N, **Beary JM**, Newey CR. [Early detection of brainstem herniation using electroencephalography monitoring: case report](#). BMC Neurol. 2020;20:406.

Olawuyi O [alum], **Mathieson K**. [Pharmacovigilance assessment of cardiac implications of nicotine replacement therapy among smokers](#). Curr Drug Saf. 2020;15(3):173-180.

Oska C [student], **Keane JF**, **Goldstein LB**. [Provider perspective: carpal tunnel's association with hypothyroidism](#). Pract Pain Manag. 2020;20(5).

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Pandian V, Morris LL, Brodsky MB, Lynch J, Walsh B, Rushton C, Phillips J, Rahman A, DeRose T, Lambe L, Lami L, Wu SPM, Garza FP, Maiani S, Zavalis A, Okusanya KA, Palmieri PA [adjunct], McGrath BA, Pelosi P, Sole ML, Davidson P, Brenner MJ. [Critical care guidance for tracheostomy care during the COVID-19 pandemic: a global, multidisciplinary approach](#). Am J Crit Care. 2020;29(6):e116-e127.

**Park JH**, Heo S, Tai K [visiting adjunct], Kojima Y, Kook YA, Chae JM [visiting scholar]. [Biomechanical considerations for total distalization of the mandibular dentition in the treatment of Class III malocclusion](#). Semin Orthod. 2020;26(3):148-156.

**Park JH**, Kook YA, Kim YJ, Lee NK. [Biomechanical considerations for total distalization of the maxillary dentition using TSADs](#). Semin Orthod. 2020;26(3):139-147.

**Park JH**, Moon DN, Lee SM, Lee GH. [Orthodontic treatment of a patient with severe TMD](#). J Clin Orthod. 2020;54(9):537-550.

Pate JD [student], Gilbert CM, Bonucchi JT. [Eradication of papillary thyroid carcinoma in a patient receiving pemetrexed and bevacizumab](#). AACE Clin Case Rep. 2020;6(5):e247-e251.

Pitonyak JS, Corsilles-Sy C, **Diamant RB**, James AB. [Examining the educational and professional learning contexts where occupational therapy practitioners gained competencies for intraprofessional collaboration](#). J Occup Ther Educ. 2020;4(4):13.

Prasad JL, Robbins TJ, **Vargo RJ**, Sosovicka M, Summersgill KF. [Intraoral herniation of a sinonasal polyp: an underreported complication of maxillary extraction?](#) J Oral Maxillofac Surg. 2020;78(11):1909-1918.

Radzak KN, Sefton JM, Timmons MK, Lopp R, Stickley CD, **Lam KC**. [Musculoskeletal injury in Reserve Officers' Training Corps: a report from the Athletic Training Practice-Based Research Network](#). Orthop J Sports Med. 2020;8(9):2325967120948951.

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Roth C, Brewer MA, **Bay RC**, Gosselin KP. [Nurses' experiences of "being swamped" in the clinical setting and association with adherence to AWHONN nurse staffing guidelines](#). MCN AM J Matern Child Nurs. 2020;45(5):271-279.

**Roush JR**, Heick JD, Genovese J [alum], Kurashima K [alum], Yarrington D [alum]. [Using kinetic energy with potential energy when determining power during the stair climbing test](#). Internet J Allied Health Sci Pract. 2020;18(4):5.

Sayed M, Dewan H, Mubarak M, Khubrani Z, Hummadi S, **Jurado CA**. [Evaluation of abutment parallelism and path of withdrawal using three intra- and one extra-oral methods: a survey and in vitro study](#). European J Gen Dent. 2020;9(3):122-128.

**Snyder Valier AR**. [Looking to improve your practice? Consider the science of quality improvement to get started](#). J Athl Train. 2020;55(11):1137-1141.



## **Publications, continued**

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Srinivasan R, Cortes G [student], Richardson I, Guelfguat M. [Salpingovesical fistula mimicking an enterovaginal fistula](#). Radiol Case Rep. 2020;15(9):1473-1476.

Steinhour A [student], Hodder J [adjunct]. [Appropriate prescribing of dental prophylaxis in patients with orthopedic implants](#). JAAPA. 2020;33(10):50-52.

Sun L, Sharma AK, **Han BH**, Mirica LM. [Amentoflavone: a bifunctional metal chelator that controls the formation of neurotoxic soluble A \$\beta\$ <sub>42</sub> oligomers](#). ACS Chem Neurosci. 2020;11(17):2741-2752.

Tavarna T, **Phillips PL**, Wu XJ, Reyes L. [Fetal growth restriction is a host specific response to infection with an impaired spiral artery remodeling-inducing strain of \*Porphyromonas gingivalis\*](#). Sci Rep. 2020;10:14606.

Tsujimoto A, **Jurado CA**, Barkmeier WW, Sayed ME, Takamizawa T, Latta MA, Miyazaki M, Garcia-Godoy F. [Effect of layering techniques on polymerization shrinkage stress of high- and low-viscosity bulk-fill resins](#). Oper Dent. 2020;45(6):655-663.

Uy J, Hawks J, **VanSickle C**. [Sexual dimorphism of the relationship between the gut and pelvis in humans](#). Am J Phys Anthropol. 2020;173(1):130-140.

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Ware OR, Coolman TD [student], Shinohara MM. [Dermatologist burnout: contribution of gender and impact of children](#). J Am Acad Dermatol. 2020;83(4):1178-1181.

Weber Rawlins ML [fellow], **Welch Bacon CE**, Tomporowski P, Gay JL, Bierema LL, Schmidt JD. [Using the health belief model to predict concussion-reporting intentions and behaviour](#). Brain Inj. 2020;34(12):16455-16465.

**Wilson M**. [Transitioning medical education and healthcare delivery](#). Mo Med. 2020;117(5):440-443.

Wlodarkiewicz C [student], **Adams J, Kondrashova T**. [Educational value of ultrasonography used as a diagnostic tool by medical students at a student-run free clinic](#). Mo Med. 2020;117(5):475-479.

Yang P, Li C, Lee M, Marzvanyan A [student], Zhao ZH, Ting K, Soo C, Zheng Z. [Photopolymerizable hydrogel-encapsulated fibromodulin-reprogrammed cells for muscle regeneration](#). Tissue Eng Part A. 2020;26(19-20):1112-1122.

**Young BA, Adams J, Beary JM, Mardal KA, Schneider R, Kondrashova T**. [The myodural bridge of the American alligator \(\*Alligator mississippiensis\*\) alters CSF flow](#). J Exp Biol. 2020;223(22):jeb230896.

## Presentations and abstracts

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Chaudhury T [student], Bellisario J [student], Peterson A [student], Deninger K [student], Verma T [student], Silva K [student], Lin C [student], Yanez S [student], Chang M [student], Adam J [student], Lehman D [student], Ong L [student], **Wagner R, Dixon C, Whelihan K, Lewis JH**. Twists, turns, and blockages to colorectal screening follow-up. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Huy H [student], Kim G [student], Pelia A [student], Ahmad MS [student], Cutler BJ [student], De La Torre C [student], Hemsley NA [student], Isono M [student], Liu Y [student], Olabamiji S [student], Rubin S [student], **Au K, Whelihan K, Lewis JH**. Evaluation of intimate partner violence screening for pregnant women at Near North Health Services Corporation (NNHSC). Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

**Jurado CA**. Translucent zirconia for implant restorations in the esthetic zone. Presented virtually at: Dental World XX Anniversary Meeting; October 8-10, 2020.

**Jurado CA, Tomeh H**, Rivera M Rivera P [student], Wong A [student]. Evaluation of polishing systems for CAD/CAM polymer infiltrated ceramic network restoration. Poster presented virtually at: American College of Prosthodontists 50th Annual Session; November 1-7, 2020.  
<https://epostersonline.com/acp2020/node/164>.

Krouse A [student], Fehervari A [student], Kennedy K [student], Routson K [student], Ashraf H [student], Grant S [student], Madhava S [student], Durr T [student], Toma T [student], **Meek B, Sivakoff M, Whelihan K, Lewis JH**. Evaluating health knowledge, literacy, and activity levels of elementary students through the Nutrition and Health Awareness program. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Latvis L [alum], **Fick J, Dishman L**. Leadership competencies and patient experience: a literature review. Presented virtually at: Michigan Academy of Science, Arts and Letters 2020 Annual Conference; September 26, 2020.

Lee A [student], **Bliss J**, Marks B [student], Marrakchi D [student], Jue H [student], Rasmussen J [student], Nguyen N [student], Kirkpatrick S [student], Kamal S [student], Wilkerson S [student], Kothari T [student], **Michaelis R, Whelihan K, Lewis JH**. Focus group model for collaborative health education with refugees in King County, WA. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Martin M, Manson L, **Tshuma L**, Wade A, Lutgen C. Essential integrated care skills for medical providers. Presented virtually at: North American Primary Care Research Group 48th Annual Meeting; November 21-24, 2020.

Moore H [alum], **Dishman L, Fick J**. Understanding operational succession planning and employee turnover of healthcare organizations. Presented virtually at: Michigan Academy of Science, Arts and Letters 2020 Annual Conference; September 26, 2020.

## **Presentations and abstracts, continued**

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Ndinjiakat SK [alum], **Fick J, Dishman L**. How does formal succession planning affect leadership sustainability and organizational performance of United States hospitals? Presented virtually at: Michigan Academy of Science, Arts and Letters 2020 Annual Conference; September 26, 2020.

**Park JH**. Orthodontic journals with impact factors. Presented virtually at: 9th International Orthodontic Congress; October 4-6, 2020.

**Park JH**. Orthognathic surgery vs. TADs in contemporary orthodontics. Presented virtually at: 59th Congress of the Korean Association of Maxillofacial Plastic and Reconstructive Surgeons; October 29-31, 2020.

Patel S [student], Longman L [student], Sadeghi A [student], Shafer M [student], Murphy P [student], Nies S [student], Grover S [student], Esrail R [student], **Grady L, Villanueva N, Whelihan K, Lewis JH**. Improving knowledge of services provided at the Family Support Center (FSC) of NYU-LH to increase ability to address social determinants of health. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Perez K [student], Bruno M [student], Chen J [student], Garcia RM [student], Imbrogno K [student], Kahlon J [student], Kono K [student], Krakora M [student], Lam K [student], Mun R [student], **Adams C, Whelihan K, Lewis JH**. Mini docs: empowering Waianae coast adolescents to be advocates for their health and their community. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Peterson S [adjunct]. Clinical decision making program reduced risk of adverse events following total knee arthroplasty over 3 years. Presented virtually at: 2020 American Academy of Orthopaedic Manual Physical Therapists Annual Conference; November 4-8, 2020.

Sabbah S [student], Quint Z, Hood K, Mersch M, Stevenson R, Singh S, Martingano D. The LABOR study: labor length and birth outcomes osteopathic research. Poster presented virtually at: American College of Osteopathic Obstetricians and Gynecologists 2020 Advances in Women's Health Virtual Conference; October 16-18, 2020. *First place poster competition winner*

Seng A [student], Brow G [student], Aladroos H [student], Brazeal C [student], Daniel J [student], Haddad S [student], Matian P [student], Mundh G [student], Saleh J [student], Sandhu H [student], **Quezada C, Cyrns D, Sitzmann J, Whelihan K, Lewis JH**. Effectiveness of educational events on osteopathic medicine awareness amongst healthcare workers at Family HealthCare Network. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Sharif A [student], Samboju V [student], Sy E [student], Lee J [student], Kun B [student], Saleh M [student], Muscato N [student], Johnson S [student], Azam F [student], Dugum A [student], **Watts L, DeFontes D, Whelihan K, Lewis JH**. Hygiene and sanitation needs of people experiencing homelessness in Portland, OR. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

Sturges D, **Tshuma L**, Brown S, Nagasawa P, Bester V, Ryujin D, Murray D, Bolden A, Maldonado M, Harris T, Mealy K. A way forward: a roadmap for diversity, equity, and inclusion. Presented virtually at: 2020 Physician Assistant Education Association Education Forum; October 19-23, 2020.



## **Presentations and abstracts, continued**

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Sturges D, **Tshuma L**, Bruessow D, Bates R, Greenlee Q. Toward health equity: social determinants of health and PA education. Presented virtually at: 2020 Physician Assistant Education Association Education Forum; October 19-23, 2020.

Thompson M [student], Love A [adjunct]. Importance of defining the social and cultural identity of college students for improved well-being on campus. Presented virtually at: American Public Health Association 2020 Annual Meeting; October 24-28, 2020.

**Tshuma L**, Dahl-Popolizio S, Manson L, Trolley-Hanson A, Lusenhop W. Huddle up! The interprofessional team at its best. Presented virtually at: Collaborative Family Healthcare Association 2020 Annual Conference; October 7-10, 2020.

**Tshuma L**, **Sheridan V**, **Schwartz F**. Transforming lives and communities with our nations' health centers: behavioral health education for trainees, faculty and clinical providers. Presented virtually at: Collaborative Family Healthcare Association 2020 Annual Conference; October 7-10, 2020.

**Tshuma L**, Sturges D, Scott T. Caring for integrated care teams and trainees: imposter syndrome and burnout in an evolving healthcare paradigm. Presented virtually at: Collaborative Family Healthcare Association 2020 Annual Conference; October 7-10, 2020.

Wang A [student], Berberich J [student], Akhtar MM [student], Crish A [student], Desai R [student], Franklin T [student], Gries F [student], Kaur N [student], Pavelka R [student], **Shanahan C**, **Whelihan K**, **Lewis JH**. Approaches to nutritional health awareness and first aid in students with special needs. Poster presented virtually at: National Association of Community Health Centers 2020 Community Health Institute; August 30-September 1, 2020.

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. Presented virtually at: Michigan Academy of Science, Arts and Letters 2020 Annual Conference; September 26, 2020.

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. Presented virtually at: 6th PROMIS International Conference; October 25-27, 2020.

**Zegarra-Parodi R**, Dubas A. #NATIVE: experiencing temporary meditative states to explore your intuitive palpatory skills. Presented virtually at: Centre for Osteopathic Medicine Collaboration (COME) 6th Annual Meeting Quantum 2020; October 2-3, 2020.

## **Sorry we missed you last time**

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Dominguez-Cancino KA, Choque-Medrano E, Matta-Solis HH, Palmieri PA [adjunct]. Resilience in Latin American adolescents: a different construct? Presented virtually at: 31st International Nursing Research Congress; July 22-24, 2020.

Freiburger RL [alum], **Welch Bacon CE, Snyder Valier AR, Lewis JH, Bay RC, Picha KJ**. Athletic trainers' perceptions of and experiences with social determinants of health in the secondary school setting. Presented virtually at: 2020 National Athletic Trainers' Association Virtual Clinical Symposia; July 2020.

Lee DS, Roh SY, Choi H [student], Park JC. [NFI-C is required for epiphyseal chondrocyte proliferation during postnatal cartilage development](#). Mol Cells. 2020;43(8):739-748.

Markham MD, Tsujimoto A, Barkmeier WW, **Jurado CA**, Fischer NG, Watanabe H, Baruth AG, Latta MA, Garcia-Godoy F. [Influence of 38% silver diamine fluoride application on bond stability to enamel and dentin using universal adhesives in self-etch mode](#). Eur J Oral Sci. 2020;128(4):354-360.

**Park JH**, Lee KM, Kim JC, Moon DN, Lee GH. [Evaluation of mandibular position for splint therapy using a virtual articulator](#). J Clin Orthod. 2020;54(8):466-472.

**Picha KJ, Hlavac R, Lohman Bonfiglio CM, Welch Bacon CE, Huxel Bliven KC**. Graduate students' use and perceptions of learning resources provided in a human anatomy course. Presented virtually at: American Association of Clinical Anatomists Annual Conference 2020; June 15-19, 2020.

**Welch Bacon CE, Gaither K**. [Personalized learning pathways: using technology to promote learning beyond the classroom](#). New Dir Teach Learn. 2020;162:91-102.

Williams RM [alum], **Welch Bacon CE, Snyder Valier AR, Lewis JH, Bay RC, Picha KJ**. Athletic trainers' perceptions of social determinants of health. Presented virtually at: 2020 National Athletic Trainers' Association Virtual Clinical Symposia; July 2020.

Wright-FitzGerald AS [alum], **Snyder Valier AR, Welch Bacon CE, Lewis JH, Bay RC, Picha KJ**. Athletic trainers' perceptions of and experience with social determinants of health in the collegiate and university setting. Presented virtually at: 2020 National Athletic Trainers' Association Virtual Clinical Symposia; July 2020.

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