

# ATSU RESEARCH

A newsletter produced by Research Support

Image (bovine lens epithelial cells) courtesy of Dr. Patricia Sexton

*“I think there will always be something interesting left to be discovered.”  
~Linus Pauling*

## Publications

Al-Nabulsi M, Daud A, Yiu C, **Omar H**, Sauro S, Fawzy A, Daood U. [Co-blend application mode of bulk fill composite resin](#). Materials (Basel). 2019;12(16):2504.

Baik UB, Bayome M, Abbas NH, **Park JH**, Lee UL, Kim YJ. [Factors associated with spontaneous angular changes of impacted mandibular third molars as a result of second molar protraction](#). Am J Orthod Dentofacial Orthop. 2019;156(2):178-185.

Baik UB, Kim Y, Sugawara J, Hong C, **Park JH**. [Correcting severe scissor bite in an adult](#). Am J Orthod Dentofacial Orthop. 2019;156(1):113-124.

Batista JP, Mariano IM, Souza TCF, Costa JG, Giolo JS, Cheik NC, Espindola FS, **Everman S**, Puga GM. [The acute effects of mat Pilates on hemodynamic and salivary nitrate responses after exercise in postmenopausal women](#). J Aging Phys Act. 2019;27(3):371-377.

Cascia N, **Picha K**, Hettrich CM, Uhl TL. [Considerations of conservative treatment after a partial ulnar collateral ligament injury in overhead athletes: a systematic review](#). Sports Health. 2019;11(4):367-374.

Clark JM [student], Keller EJ. [Reconsidering requests: futility in IR](#). J Vasc Interv Radiol. 2019;30(6):961-962.

Cooper L, Harper R, Wham GS Jr, Cates J, Chafin SJ Jr, Cohen RP, Dompier TP, Huggins RA, Newman D, Peterson B, **Valovich McLeod TC**. [Appropriate medical care standards for organizations sponsoring athletic activity for the secondary school-aged athlete: a summary statement](#). J Athl Train. 2019;54(7):741-748.

**DiBaise M**, Tarleton SM. [Hair, nails, and skin: differentiating cutaneous manifestations of micronutrient deficiency](#). Nutr Clin Pract. 2019;34(4):490-503.

Dyrbye LN, Sciolla AF, Dekhtyar M, Rajasekaran S, **Allgood JA**, Rea M, Knight AP, Haywood A, Smith S, Stephens MB. [Medical school strategies to address student well-being: a national survey](#). Acad Med. 2019;94(6):861-868.

Eberman LE, Neil ER, Nottingham SL, Kasamatsu TM, **Welch Bacon CE**. [Athletic trainers' practice patterns regarding medical documentation](#). J Athl Train. 2019;54(7):822-830.

## **Publications, continued**

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**Fay D, Wilkinson T, Anderson AD [alum], Hanyzewski M [alum], Hellwig K [alum], Meador C [alum], Schultz K [alum], Wong J [alum].** [Effects of modified instructions on Peabody Developmental Motor Scales, Second Edition, Gross Motor scores in children with typical development.](#) Phys Occup Ther Pediatr. 2019;39(4):433-445.

**Gold J.** [Silver diamine fluoride may prevent and arrest root caries in older adults.](#) J Evid Based Dent Pract. 2019;19(2):186-188.

**Harris N, Welch Bacon CE.** [Developing cognitive skills through active learning: a systematic review of health care professions.](#) Athl Train Educ J. 2019;14(2):135-148.

**Hodges PW, Cholewicki J, Popovich JM Jr, Lee AS, Aminpour P, Gray SA, Cibulka MT, Cusi M, Degenhardt BF, Fryer G, Gutke A, Kennedy DJ, Laslett M, Lee D, Mens J, Patel VV, Prather H, Stuessen B, Stuge B, Vleeming A.** [Building a collaborative model of sacroiliac joint dysfunction and pelvic girdle pain to understand the diverse perspectives of experts.](#) PM R. 2019;11(suppl 1):S11-S23.

**Horris H [alum], Anderson BE, Bay RC, Huxel Bliven KC.** [Clinical breathing mechanics differ based on test and position.](#) J Sport Rehabil. 2019;28(6):635-639.

**Hussain MM, Solomon IE, Pazdernik V, Bandarpalle S, Navarro I, Shneyder T, LeBeau L.** [Relationship between elevated automatic blood pressure readings and manual blood pressure readings in adult patients with normal and high body mass index.](#) J Am Osteopath Assoc. 2019;119(6):364-370.

**Huxel Bliven KC.** [Opportunity awaits....](#) J Sport Rehabil. 2019;28(5):397.

**Kim J, Kook YA, Bayome M, Park JH, Lee W, Choi H [resident], Abbas NH.** [Comparison of tooth movement and biological response in corticotomy and micro-osteoperforation in rabbits.](#) Korean J Orthod. 2019;49(4):205-213.

**Lee GH, Park JH, Lee SM, Moon DN.** [Orthodontic treatment protocols for patients with idiopathic condylar resorption.](#) J Clin Pediatr Dent. 2019;43(4):292-303.

**Lewis JH, Whelihan K, Roy D.** [Teaching students to identify and document social determinants of health.](#) Adv Med Educ Pract. 2019;10:653-665.

**Leyva-Moral JM, Loayza-Enriquez BK, Palmieri PA [adjunct], Guevara-Vasquez GM, Elias-Bravo UE, Edwards JE, Feijoo-Cid M, Davila-Olano LY, Rodriguez-Llanos JR, Leon-Jimenez FE.** [Adherence to antiretroviral therapy and the associated factors among people living with HIV/AIDS in Northern Peru: a cross-sectional study.](#) AIDS Res Ther. 2019;16:22.

**Lopez-Murray E.** [Health of asylum-seeking immigrants: providing medical care from a volunteer's perspective.](#) JAAPA. 2019;32(8):13-14.

**Matthews EP.** [Radiation physics, biology, and protection.](#) Radiol Technol. 2019;90(5):471-485.

**McDonald M, Salisbury H.** [Physical activity, exercise, and musculoskeletal disorders in sonographers.](#) J Diagn Med Sonogr. 2019;35(4):305-315.

**Meadows J, Denninger T, Peterson S [adjunct], Milligan L, Zapanta J.** [Short-term response to treatment targeting the thoracolumbar junction in patients with hip pain: a case series.](#) J Orthop Sports Phys Ther. 2019;49(8):611-619.

**Mehrotra S, Keane JF, Goldstein L.** [Trigeminal neuralgia: current diagnosis and treatment options.](#) Pract Pain Manag. 2019;19(4):46-47, 49.

## Publications, continued

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Moshirfar M, Murri MS, Shah TJ, Skanchy DF, Tuckfield JQ, Ronquillo YC, Birdsong OC, Hofstedt D [student], Hoopes PC. [A review of corneal endotheliitis and endotheliopathy: differential diagnosis, evaluation, and treatment](#). Ophthalmol Ther. 2019;8(2):195-213.

Peterson S [adjunct], Denninger T. [Physical therapy management of patients with chronic low back pain and hip abductor weakness](#). J Geriatr Phys Ther. 2019;42(3):196-206.

Rhodes G, **Bernstein J**, Grendell R. [Nurses' drowsy driving prevention strategies: a qualitative exploratory multiple-case study](#). J Nurs Educ Pract. 2019;9(6):73-81.

**Sackett DR, Dajani T**. [Fat shaming in medicine: overview of alternative patient strategies](#). Osteopath Fam Physician. 2019;11(4):18-23.

Saito T [alum], **Park JH**. [Relapse correction with a modified spring aligner using expansion screw](#). J Clin Orthod. 2019;53(6):334.

Sandefur K [student], Kahleova H, Desmond AN, Elfrink E, Barnard ND. [Crohn's disease remission with a plant-based diet: a case report](#). Nutrients. 2019;11(6):1385.

Singh J, **Salisbury H**. [Attitudes and perceptions of non-clinical health care students' towards interprofessional learning](#). Health Interprof Pract Educ. 2019;3(4):eP1177.

**Spolarich AE**. [Using CTV to reduce caries risk](#). Dimens Dent Hyg. 2019;17(7):16, 18.

Tadlock LP, Barone N, Pangrazio-Kulbersh V, Sabott DG, Foley PF, Trulove TS, **Park JH**, Hernandez-Orsini R, Chung CH. [American Board of Orthodontics: update on the new scenario-based clinical examination](#). Am J Orthod Dentofacial Orthop. 2019;155(6):765-766.

**Troncoso VA, Keane JF, Heath D, Goldstein L**. [Cervicogenic headache: diagnosis and management](#). Pract Pain Manag. 2019;19(4).

Tsang C [student], Sokal-Gutierrez K, Patel P, Lewis B, Huang D, Ronsin K, Baral A, Bhatta A, Khadka N, Barkan H, Gurung S. [Early childhood oral health and nutrition in urban and rural Nepal](#). Int J Environ Res Public Health. 2019;16(14):2456.

**Valovich McLeod TC**, Kostishak N Jr [alum], **Anderson BE, Welch Bacon CE, Lam KC**. [Patient, injury, assessment, and treatment characteristics and return-to-play timelines after sport-related concussion: an investigation from the Athletic Training Practice-Based Research Network](#). Clin J Sport Med. 2019;29(4):298-305.

Wright S [alum], Anderson C [alum], **Welch Bacon CE**. [Evaluation of conservative treatment and surgical intervention for Achilles tendon rupture in athletes](#). Athl Train Sports Health Care. 2019;11(4):166-167.

## Presentations and abstracts

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Abner TN [alum], Reimann RM [alum], **Valovich McLeod TC, Welch Bacon CE**. Post-professional athletic training students' attitudes and beliefs regarding evidence-based practice. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S323.

## Presentations and abstracts, continued

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Agarwal S [student], Burr J [student], Darnall C [student], Ellison B [student], Kassenbrock D [student], El-Khalil A [student], Khosraviani N [student], Teich-McGoldrick R [student], Wu J [student], **Whelihan K, Lewis JH**. Community-based intervention to increase usage of medication disposal bins. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Bailey SK [alum], **Lam KC**. Parsonage Turner Syndrome in a tactical athlete: a case study. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S268.

Barnhart M [student], Wilson A [student], **Welch Bacon CE**, Marshall AN [postdoctoral fellow], **Valovich McLeod TC**. Delayed versus immediate reporting of concussion and its impact on length of recovery among athletes. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S23-S24.

**Bradbury M**, Sheffield M. From the basic concept of pH to complex acid-base disorders in two hours using self-directed learning. Poster presented at: 23rd Annual Meeting of the International Association of Medical Science Educators; June 8-11, 2019; Roanoke, VA.

Bravo H [fellow], **Whisenant E, Roy D, Ellsworth M, Lewis JH**. Utilizing a team-based approach for improving colorectal cancer screening in underserved populations. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Choque-Medrano E, Dominguez-Cancino K, Matta-Solis HH, Perez-Siguas RE, Palmieri PA [adjunct]. Resilience levels and family function of vulnerable adolescents residing in a shelter in Peru. Presented at: 30th International Nursing Research Congress; July 25-29, 2019; Calgary, Canada.

Clines SH, **Welch Bacon CE**, Eason CM, Pagnotta KD, Huggins RA, Van Lunen BL. Athletic directors' perceptions regarding the value of athletic trainers employed in the secondary school setting. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S150.

Cohen GW, Medina R, Hoffman E, Paladin S, Clines S, **Welch Bacon CE**, Eberman LE, Cavallario J, Van Lunen BL. The role of academic debt and benefits to the profession on the interest of professional post-baccalaureate athletic training students' in a Doctor of Athletic Training degree. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S99.

Connolly M [student], Delaney T [student], Funnamark R [student], Gallagher E [student], Hendry R [student], Liow G [student], Livingston D [student], Martin A [student], Ullal K [student], Tran E [student], **Bansal S, Whelihan K, Lewis JH**. Creative education in school nutrition. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Corbett RO, Marshall AN [postdoctoral fellow], **Lam KC**, Hertel J. Association between rehabilitation and goal achievement in athletes discharged from care following an ankle sprain: a report from the Athletic Training Practice-Based Research Network. Presented at: Canadian Athletic Therapists Association 2019 National Conference; May 30-June 1, 2019; Calgary, Canada. And presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S39.

Cortes G [student], Cornejo M [student], Hasan N [student], Kulkarni R [student], Chung J [student], Labban N [student], Tsai D [student], **Walker A, Dixon A, Whelihan K, Lewis JH**. Assessing Unity Health Care staff awareness of the Stork's Nest program. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

## Presentations and abstracts, continued

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Daher Y [student], Hahn L [student], Alkotob U [student], Biegler M [student], Cooper C [student], Do J [student], Kang S [student], Oska C [student], **Shanahan C, Whelihan K, Lewis JH**. Assessment of elementary students' understanding of differences in viral and bacterial infections and education of proper antibiotic use. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Dominguez-Cancino K, Choque-Medrano E, Matta-Solis HH, Glenni-Garay Z, Palmieri PA [adjunct]. The effect of shelter residency and parental interactions on the resilience of vulnerable adolescents. Presented at: 30th International Nursing Research Congress; July 25-29, 2019; Calgary, Canada.

Dominguez-Cancino KA, Krederdt-Araujo SL, Paz-Villanueva M, Jiménez-Cordova RJ, Mendigure-Fernandez J, Palmieri PA [adjunct]. Nurse-led diabetes management programs and Latinos living with diabetes mellitus: the relationship between spirituality and social support. Presented at: International Council of Nurses 2019 Congress; June 27-July 1, 2019; Singapore.

Dugum A [alum], **Patel S, Perry M, Spolarich AE**. Compliance with fluoride therapy and caries rate in cancer patients. Poster presented at: International Association for Dental Research 97th General Session; June 19-22, 2019; Vancouver, Canada.

Duvidovich S [student], Liang E [student], Sharif I. Relationship between health literacy and parent-completed autism screens in a Spanish-speaking population. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Eberman LE, Clines SH, Van Lunen BL, **Welch Bacon CE**. Academic employers' perceived benefits and deterrents of hiring a Doctor of Athletic Training credentialed faculty member. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train*. 2019;54(suppl 6):S98-S99.

Ebrahim E [fellow], **Whisenant E, Roy D, Ellsworth M, Lewis JH**. Optimizing health center opioid prescribing and monitoring practices. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

**Fick JW**. Identifying and applying resilient and relevant authentic assessments in changing learning environments. Presented at: 2019 Association of University Programs in Health Administration Annual Meeting; June 12-14, 2019; New Orleans, LA.

Gardiner RL [student], Root HJ [adjunct], **Valovich McLeod TC**. Self-reported sports and recreational concussion history in male collegiate gymnasts. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train*. 2019;54(suppl 6):S292-S293.

Gaudet JA, Decoster LC, Hollingworth AT, **Valovich McLeod TC**. Effect of concussion history on instrumental and clinical balance performance. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train*. 2019;54(suppl 6):S291.

Gettu N [student], Grewal H [student], Aljumaily J [student], Bal B [student], Banh H [student], Finlay E [student], Gadiok G [student], Howey E [student], Nasre-Esfahani K [student], Tagle C [student], Tong R [student], **Quezada C, Whelihan K, Lewis JH**. Improving mental health diagnosis and treatment by primary care providers through introduction of a quick reference guide. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

**Gohlke E, Fallone K, Spolarich AE**. Training dental hygiene students to treat individuals with special needs. Presented at: 21st International Federation of Dental Hygienists International Symposium on Dental Hygiene; August 15-17, 2019; Brisbane, Australia.

## Presentations and abstracts, continued

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Gray H [alum], Williams RM, **Valovich McLeod TC**. Establishing reliability of the Dynavision D2 reaction tests in female adolescent athletes. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S280.

Hak S [student], Thompson K [student], Chitneni A [student], Mandala R [student], Dalal S [student], Ghannan K [student], Jiao B [student], Patel J [student], Goodman H [student], Dia L [student], Grewal S [student], **Whelihan K, Lewis JH**. Evaluating responsiveness of underserved Chicago communities to colorectal cancer screening recommendations. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Hamilton T, **McCoy L**, Pallai E, Wang G. The compassionate care team and moral injury: resources for resiliency and conflict resolution. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Hattrup NM [student], **Picha KJ, Valovich McLeod TC**. The influence of dual task paradigm on reaction time utilizing a light board. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S277.

Herseth S, Cardenas JF, **Valovich McLeod TC**. Characteristics and cost savings of a telehealth consultation service for sport-related concussion. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S289.

Hoffman E, Paladin S, Medina R, Clines S, **Welch Bacon CE**, Eberman LE, Cavallario J, Van Lunen BL. The role of curricular content and influential factors on the interest of professional post-baccalaureate athletic training students' in a Doctor of Athletic Training degree. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S324.

Horner A [alum], Root HJ [adjunct], **Valovich McLeod TC**. Return-to-play protocols following sport-related concussion in NCAA gymnastics. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S310-S311.

**Howell SE, Trombly CR, Cottam W**. Using teledentistry to evaluate oral health of youth in detention. Presented at: International Association for Dental Research 97th General Session; June 19-22, 2019; Vancouver, Canada. Abstract published in: J Dent Res. 2019;98(A):2576.

Iaiennaro B [alum], Abner TN [alum], Reimann RM [alum], **Valovich McLeod TC, Welch Bacon CE**. A comparison of post-professional athletic training students' accessibility to resources and perceived challenges of implementing concepts of evidence-based practice in clinical practice. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S322.

Janik GK [alum], **Lam KC**. Describing sport-related genitourinary injuries in males reporting to emergency departments: a National Electronic Injury Surveillance System report. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S181.

Jones KC [student], Marshall AN [postdoctoral fellow], **Lam KC**. Clinical evaluation of sport-related meniscal pathologies: a report from the Athletic Training Practice-Based Research Network. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S230.

## Presentations and abstracts, continued

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Kasamatsu TM, Nottingham SL, Eberman LE, Neil ER, **Welch Bacon CE**. Unique challenges and needs for patient care documentation in the secondary school setting. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S137.

Keith B [student], Chun T [student], Esperanza SK [student], Fernandez D [student], Hagino J [student], Ho J [student], Marfori J [student], Owens T [student], Saribekyan H [student], **Adams C, Whelihan K, Lewis JH**. Measuring the impact of nutrition education and a school garden on nutrition behavior among West Oahu elementary-aged children. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Kenderes R [fellow], **Whisenant E, Roy D, Ellsworth M, Lewis JH**. Leveraging pediatric clinic visits to improve access to primary care in adult family members and caregivers. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

**Lam KC**. Does injury history impact the recovery of self-report of function during the first two weeks after an ankle sprain injury? A report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV.

**Lam KC**, Johnson S, Norcross M. Demonstrating clinician's impact on the patient experience: capturing quality and patient satisfaction. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV.

**Lam KC**, Marshall AN [postdoctoral fellow]. Incorporating patient-reported outcome measures into pediatric care: is your instrument appropriate for youth and adolescent athletes? Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV.

**Lam KC**, Marshall AN [postdoctoral fellow], **Bay RC**, Wikstrom EA. Does injury history impact the recovery of self-report of function during the first two weeks after an ankle sprain injury? A report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S38.

Lamb G, **McCoy L**, Will K, Price Y, Karamehmedovic N. Innovation in clinical team training: using novel distance technology to support healthcare teams caring for vulnerable populations. Presented at: National Center for Interprofessional Practice and Education 2019 Nexus Summit; August 18-20, 2019; Minneapolis, MN.

**Lewis JH, Whelihan K, Whisenant E**. National Center for Community Health Research: highlights from A.T. Still University and health center partnerships. Presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Loayza-Enriquez BK, Leyva-Moral JM, Marcelo-Ayasta J, Nerio-González F, Zapata-Rueda A, Palmieri PA [adjunct]. The lived experience of young Peruvian women following hysterectomy: a qualitative study to inform evidence-based nursing practice. Presented at: International Council of Nurses 2019 Congress; June 27-July 1, 2019; Singapore.

Malone ZC, Zuk EF, Root HJ [adjunct], Beltz EM, DiStefano LJ. Sport sampling affects LESS scores and physical literacy competency in children. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S106-S107.

Marshall AN [postdoctoral fellow], **Lam KC**. Comparison of practice patterns with International Ankle Consortium recommendations for the clinical assessment of lateral ankle sprain injuries: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S40.

## Presentations and abstracts, continued

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Miller JR, Evans CM [student], Chouinard DM [student], **Welch Bacon CE**, **Valovich McLeod TC**, Marshall AN [postdoctoral fellow]. The association between psychological readiness to return to sport and self-perceived function after anterior cruciate ligament reconstruction. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S32-S33.

Neil ER, **Welch Bacon CE**, Nottingham SL, Kasamatsu TM, Eberman LE. Athletic trainers' knowledge and application of medical documentation following an evidence-based educational intervention. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S139.

Nottingham SL, Kasamatsu TM, Eberman LE, Neil ER, **Welch Bacon CE**. Aspects of technology that influence athletic trainers' current patient care documentation strategies in the secondary school. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S140.

Noyon TM [student], Dalal S [student], Dang M, Haq A, Liang E [student], Ellis M, **Grady L**. Impact of a two-minute education video on flu vaccination knowledge in a community health center setting. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Pagnotta KD, Clines SH, **Welch Bacon CE**, Eason CM, Huggins RA, Van Lunen BL. Facilitators and influencing factors to the use of athletic trainers in secondary schools. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S163.

**Park JH**. TADs and CBCT in contemporary orthodontics. Presented at: 14th Indonesian Association of Orthodontists Annual Meeting; August 22-24, 2019; Surabaya, Indonesia.

**Park JH**. The application of TADs and CBCT in contemporary orthodontics and pediatric dentistry. Presented at: 27th International Association of Paediatric Dentistry Congress; July 3-7, 2019; Cancun, Mexico.

**Patel S**, Koskan A, **Spolarich AE**, **Perry M**, Flood T. Dental professionals' knowledge and attitudes about HPV vaccine promotion. Poster presented at: International Association for Dental Research 97th General Session; June 19-22, 2019; Vancouver, Canada.

Pecha FQ, Wetherington JJ, Nicoletto TS, **Lam KC**. The diagnostic accuracy of residency trained athletic trainers for shoulder and knee pathologies. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S434.

**Picha KJ**, Heebner NR, Apt JP, Usher EL, Capilouto GJ, Uhl TL. Athletic trainers' familiarity and assessment of patient barriers to rehabilitation adherence. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S428.

Radzak KN, Sefton JM, Timmons MK, Lopp R, Stickley CD, **Lam KC**. Patient and injury demographics of athletic training medical care for Reserve Officer Training Corps (ROTC): a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: *J Athl Train.* 2019;54(suppl 6):S125.

**Ramaraj P**. Biochemical basis of steroid hormones inhibition of human melanoma cell growth in-vitro and its implication on melanoma treatment. Presented at: International Conference on Clinical and Experimental Dermatology (ICCED-19); July 20, 2019; New Delhi, India.



## Presentations and abstracts, continued

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Ramirez-McKinley RJ [alum], **Valovich McLeod TC**. The treatment of sports-related concussion with co-morbid whiplash: a systematic review. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S292.

Reidy S [fellow], **Whisenant E, Roy D, Ellsworth M, Lewis JH**. El Rio's Healthy Kids Move program. Presented at: Primary Care Training and Enhancement: Training Primary Care Champions (PCTE: TPCC) Annual Meeting; August 12, 2019; Rockville, MD.

Reimann RM [alum], Abner TN [alum], **Valovich McLeod TC, Welch Bacon CE**. Differences among post-professional athletic training students' knowledge and confidence of evidence-based practice. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S321.

**Rhea M**. A discussion of load management in today's sporting environments. Presented at: 1080 Summit; June 7-8, 2019; Stockholm, Sweden.

**Rhea M**. Applications of the 1080 sprint to American football player development. Presented at: 1080 Summit; June 7-8, 2019; Stockholm, Sweden.

Richter SD, **Welch Bacon CE, Huxel Bliven KC**. Differences in spatial ability and mental effort among health professions students. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S315.

Shukla C [student], **Howell SE, Michaelis RJ, Cottam W**. Decreasing no show rates in a dental clinic at a federally qualified health center following referral from a medical clinic. Presented at: National Center for Interprofessional Practice and Education 2019 Nexus Summit; August 18-20, 2019; Minneapolis, MN.

**Snyder Valier AR**. Quality improvement in athletic health care. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV.

**Spolarich AE**. An update on antibiotic stewardship. Presented at: Central Arizona Dental Hygienists' Association Meeting; July 7, 2019; Phoenix, AZ.

**Spolarich AE**. Optimizing whole mouth health. Presented at: American Dental Hygienists' Association 2019 Annual Conference; June 21-23, 2019; Louisville, KY.

**Spolarich AE**. The P4 approach to patient-centered oral healthcare: empowering our patients. Presented at: 21st International Federation of Dental Hygienists International Symposium on Dental Hygiene; August 15-17, 2019; Brisbane, Australia.

**Spolarich AE**. Whole mouth health: what is it and why do my patients care? RDH Under One Roof; July 31-August 2, 2019; Grapevine, TX.

**Spolarich AE, Gurenlian JR**. Advanced clinical decision-making with medically complex patients. Presented at: 21st International Federation of Dental Hygienists International Symposium on Dental Hygiene; August 15-17, 2019; Brisbane, Australia.

Thornton EP [student], **Bay RC, Marshall AN [postdoctoral fellow], Lam KC**. Epidemiology of sport-related knee injuries reporting to U.S. emergency departments from 2008-2017. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S327.

## Presentations and abstracts, continued

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Tjong E [student], Salazar A [student], Chang J [student], Saif S [student], De Shadarevian M [student], Scheffer C [student], Morello B [student], Bhatti P [student], Barringer A [student], Savarani AA [student], Naranjo J [student], Kalarn S [student], **Dixon C, Wagner R, Whelihan K, Lewis JH**. An evaluation of communication methods for community outreach in patients with diabetes. Poster presented at: National Association of Community Health Centers 2019 Community Health Institute; August 18-20, 2019; Chicago, IL.

Tocco EC [student], Jones KC [student], Goetz KA, **Valovich McLeod TC**, Marshall AN [postdoctoral fellow], **Welch Bacon CE**. Pain education with therapeutic exercise in chronic non-specific low back pain rehabilitation. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S384.

Tucker WS, Laudner KG, **Snyder Valier AR, Huxel Bliven KC**. Relationship between spine and hip range of motion, hip strength, and injury risk in collegiate baseball athletes. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S48.

Velasquez T [alum], **Spolarich AE, Perry M**. Recall of oral hygiene education among patients with special needs. Poster presented at: International Association for Dental Research 97th General Session; June 19-22, 2019; Vancouver, Canada.

**Welch Bacon CE**, Clines SH, Van Lunen BL, Eberman LE. Academic employers' impressions regarding the qualifications of athletic trainers with the Doctor of Athletic Training degree. Presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S98.

Zuk EF, Evanovich J, Burland JP, Beltz EM, Root HJ [adjunct], DiStefano LJ. A comparison of physical literacy and landing strategies between low-resourced and high-resourced communities. Poster presented at: National Athletic Trainers' Association 70th Clinical Symposia; June 24-27, 2019; Las Vegas, NV. Abstract published in: J Athl Train. 2019;54(suppl 6):S424-S425.

## Sorry we missed you last time

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Angelopoulou MV, **Shanti SD**, Gonzalez CD, **Love A, Chaffin J**. [Association of food insecurity with early childhood caries](#). J Public Health Dent. 2019;79(2):102-108.

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Sharifi M, Awdisho A, Schroeder B, Jiménez J, Iyer P, **Bay C**. [Retrospective comparison of ultrasound facilitated catheter-directed thrombolysis and systematically administered half-dose thrombolysis in treatment of pulmonary embolism](#). Vasc Med. 2019;24(2):103-109.

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