



ATSU RESEARCH

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

“Experimenters are the shock troops of science.” ~Max Planck

Publications

Allen D [adjunct], Wandtke-Hines E, **Pazdernik V, Konecny L, Breitenbach E.** [Four-year review of presenteeism data among employees of a large United States health care system: a retrospective prevalence study.](#) Hum Resour Health. 2018;16:59.

Alsleben AR [alum], **Alexander JL, Matthews EP.** [Clinical research nursing: awareness and understanding among baccalaureate nursing students.](#) J Nurs Educ. 2018;57(10):598-603.

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Bell DR, Post EG, Biese K, **Bay C, Valovich McLeod T.** [Sport specialization and risk of overuse injuries: a systematic review with meta-analysis.](#) Pediatrics. 2018;142(3):e20180657.

Brockhaus J, Schreitmüller M, Repetto D, Klatt O, Reissner C, **Elmslie K,** Heine M, Missler M. [\$\alpha\$ -Neurexins together with \$\alpha 2\delta\$ -1 auxiliary subunits regulate \$Ca^{2+}\$ influx through Cav2.1 channels.](#) J Neurosci. 2018;38(38):8277-8294.

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Elliot ML, **Bonsall A.** [Exploring participant experiences and research relationships.](#) Narrat Inq. 2018;28(2):330-345.

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Howman J, **Wilkinson T**, Engelhard C, Applebaum D. [Collaborations in clinical education: coordinating top-down and bottom-up efforts to advance best practices in physical therapist education](#). J Allied Health. 2018;47(3):e67-e74.

Huxel Bliven KC, Potteiger K, Baker RT, Pitney WA. [Part II: examining stakeholder perceptions of the postprofessional clinical doctoral degree in athletic training](#). Athl Train Educ J. 2018;13(3):205-218.

Hyacinthe GN [alum], **Mathieson K**. Laboratory information system: electronic health record interconnection, usage, and functionality in ambulatory care settings. J Health Med Inform. 2018;9(5):322.

Johnson RS [alum], Kasamatsu TM, **Valovich McLeod TC**, Register-Mihalik JK, **Welch Bacon CE**. [School counselors' perceptions of academic support for concussed students](#). Health Behav Policy Rev. 2018;5(6):23-37.

Kanumalla R [student], **Keane JF**, Matsushita S [student], **Shoup D**, Mauro AL, **Goldstein L**. [Plantar fasciitis: diagnosis and management](#). Pract Pain Manag. 2018;18(8):54-57.

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Leafman JS, **Mathieson K**. [Perceptions of telemedicine for patient education among online support group patients with chronic or rare conditions](#). Cogent Med. 2018;5:1525148.

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McIsaac TL, Fritz NE, Quinn L, Muratori LM. [Cognitive-motor interference in neurodegenerative disease: a narrative review and implications for clinical management](#). Front Psychol. 2018;9:2061.

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- Phillips PL**, Reyes L, Sampson EM, Murrell EA, Whitlock JA, Progulske-Fox A. [Deletion of a conserved transcript PG_RS02100 expressed during logarithmic growth in *Porphyromonas gingivalis* results in hyperpigmentation and increased tolerance to oxidative stress.](#) PLoS One. 2018;13(11):e0207295.
- Ritter KG [alum], **Welch Bacon CE**, McLeod IA [adjunct], Robinson K, Mistry DM, Rodeo S, **Valovich McLeod TC**. [The knowledge, attitudes, and beliefs of pediatric concussion among USA swim coaches.](#) J Swim Res. 2018;26:1-12.
- Root HJ [fellow], **Valovich McLeod TC**, Beltz EM, Burland JP, DiStefano LJ. [The relationship between physical literacy measures of balance and the Balance Error Scoring System in youth sports participants.](#) Athl Train Sports Health Care. 2018;10(6):270-276.
- Saito T, **Park JH**, Serrano P. [Closure of mandibular spaces during retention.](#) J Clin Orthod. 2018;52(11):639-640.
- Saxena N, Cremer MA, Dolling ES, **Nurrohman H**, Habelitz S, Marshall GW, Gower LB. [Influence of fluoride on the mineralization of collagen via the polymer-induced liquid-precursor \(PILP\) process.](#) Dent Mater. 2018;34(9):1378-1390.
- Seegmiller JG, Perrin DH, **Huxel Bliven KC**, Baker RT. [Part I: doctoral education in athletic training. The Post-Professional Education Committee doctoral education workgroup report.](#) Athl Train Educ J. 2018;13(3):196-204.
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- Shoup D**, Matsushita S [student], Kanumalla R [student], **Goldstein LB**. [Inside performing arts medicine: a history of and treatment approaches for managing the unique MSK problems experienced by musicians.](#) Pract Pain Manag. 2018;18(7):48-54.
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- Syed H [student], Tauseef M, **Ahmad Z**. [A connection between antimicrobial properties of venom peptides and microbial ATP synthase.](#) Int J Biol Macromol. 2018;119:23-31.
- Tai K [adjunct], **Park JH**. [Improvement of facial profile by nonextraction orthodontic treatment with temporary skeletal anchorage devices and visual treatment objectives.](#) Am J Orthod Dentofacial Orthop. 2018;154(5):708-717.
- Welch Bacon CE**, Kay MC [alum], Weber ML [alum], Tierney DK [alum], **Valovich McLeod TC**. [School nurses' perceived challenges with concussion management procedures in the secondary school setting.](#) SAGE Open Nurs. 2018;4:1-12.
- Young BA**, Adams J, Segal S, **Kondrashova T**. [Hemodynamics of tonic immobility in the American alligator \(*Alligator mississippiensis*\) identified through Doppler ultrasonography.](#) J Comp Physiol A Neuroethol Sens Neural Behav Physiol. 2018;204(11):953-964.

Software publication

Franklin GS, **Johnson JC**. Event Adjudication Committee Jury Room (EAC-Jury Room). Version v1.0.0. Geneva, Switzerland: Zenodo; 2018.

Presentations and abstracts

Cavallario JM, **Welch Bacon CE**. Tracking and documenting patient encounters. Presented at: Commission on Accreditation of Athletic Training Education 2018 Accreditation Conference; October 12-14, 2018; Tampa, FL.

Fay D, Tovin M, Hettrick H. Evidence-based practitioners: perspectives from the clinic. Presented at: Education Leadership Conference 2018; October 12-14, 2018; Jacksonville, FL.

Murray A, Frey B, Baker-Powers J, **Matthews E**, Pendergast P, Steinle M. Classroom assessment perspectives from progressive education. Presented at: National Council on Measurement in Education 2nd Annual Special Conference on Classroom Education; October 8-10, 2018; Lawrence, KS.

Park JH. Clinical applications of 3D CBCT and TADs in contemporary orthodontics. Presented at: 51st Annual Scientific Congress of the Korean Association of Orthodontists; November 21-23, 2018; Seoul, Korea.

Park JH. New changes in the ABO clinical examination. Presented at: Pacific Coast Society of Orthodontists 82nd Annual Session; October 11-14, 2018; Monterey, CA.

Park JH. The application of TADs in contemporary orthodontics. Presented at: 2018 American Dental Association Annual Meeting; October 18-22, 2018; Honolulu, HI.

Sorry we missed you last time

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Katyal N, George P, Nattanamai P, Raber LN, **Beary JM**, Newey CR. [Improvement in sonographic vasospasm following intravenous milrinone in a subarachnoid hemorrhage patient with normal cardiac function](#). Cureus. 2018;10(7):e2916.

Labarca G, Reyes T, Jorquera J, Dreyse J, Drake L [student]. [CPAP in patients with obstructive sleep apnea and type 2 diabetes mellitus: systematic review and meta-analysis](#). Clin Respir J. 2018;12(8):2361-2368.

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Register-Mihalik JK, Williams RM [alum], Marshall SW, Linnan LA, Mihalik JP, Guskiewicz KM, **Valovich McLeod TC**. [Demographic, parental, and personal factors and youth athletes' concussion-related knowledge and beliefs](#). J Athl Train. 2018;53(8):768-775.

Zawada WM, Palmer Q, Jones R, Biedermann J, Griffin WST. Angiotension receptor blocker, Telmisartan, reduces neuronal stress signatures in a murine model of neuroinflammatory neurodegeneration. Poster presented at: Keystone Symposia: Advances in Neurodegenerative Disease Research and Therapy; June 17-21, 2018; Keystone, CO.

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