



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

*“After all, the ultimate goal of all research is not objectivity, but truth.”
~Helene Deutsch*

Publications

Ahmad Z, Hassan SS, Azim S [student]. A therapeutic connection between dietary phytochemicals and ATP synthase. *Curr Med Chem*. 2017;24(35):3894-3906. [Link](#).

Anderson BE, **Huxel Bliven KC**. The use of breathing exercises in the treatment of chronic, nonspecific low back pain. *J Sport Rehabil*. 2017;26(5):452-458. [Link](#).

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Floyd K, Generous MA, Clark L, McLeod I [adjunct], **Simon A**. Cumulative risk on the oxytocin receptor gene (*OXTR*) predicts empathic communication by physician assistant students. *Health Commun*. 2017;32(10):1210-1216. [Link](#).

Franke H, Franke JD, Belz S, **Fryer G**. Osteopathic manipulative treatment for low back and pelvic girdle pain during and after pregnancy: a systematic review and meta-analysis. *J Bodyw Mov Ther*. 2017;21(4):752-762. [Link](#).

Fryer G. Integrating osteopathic approaches based on biopsychosocial therapeutic mechanisms. Part 1: the mechanisms. *Int J Osteopath Med*. 2017;25:30-41. [Link](#).

Gold J. Limited evidence links silver diamine fluoride and caries arrest in children. *J Evid Based Dent Pract*. 2017;17(3):265-267. [Link](#).

Gonzalo-Skok O, Serna J, **Rhea MR**, Marín PJ. Age differences in measures of functional movement and performance in highly trained youth basketball players. *Int J Sports Phys Ther*. 2017;12(5):812-821. [Link](#).

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Hassan SS, Thomann C, Ettarh R, **Ahmad Z**. Possible protective role of silybin against polymyxin E-induced toxic effect in rat kidneys: a biochemical approach. *Neurourol Urodyn.* 2017;36(8):2003-2010. [Link](#).

Heick JD, **Farris JW**. Survey of methods used to determine if a patient has a deep vein thrombosis: an exploratory research report. *Physiother Theory Pract.* 2017;33(9):733-742. [Link](#).

Hixson KM [alum], Horris HB [alum], **Valovich McLeod TC**, **Welch Bacon CE**. The diagnostic accuracy of clinical diagnostic tests for thoracic outlet syndrome. *J Sport Rehabil.* 2017;26(5):459-465. [Link](#).

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Jung JG, **Park JH**, Kim SC, Kang KH, Cho JH, Cho JW, Chang NY, **Bay RC**, Chae JM [visiting scholar]. Effectiveness of pulsed electromagnetic field for pain caused by placement of initial orthodontic wire in female orthodontic patients: a preliminary single-blind randomized clinical trial. *Am J Orthod Dentofacial Orthop.* 2017;152(5):582-591. [Link](#).

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Williams RM, Rice T [alum], **Lam KC**, **Valovich McLeod TC**. A cross-sectional study of age differences and postural control using the Stability Evaluation Test (SET). *Int J Athl Ther Train*. 2017;22(5):39-43. [Link](#).

Presentations and abstracts

Allgood JA, **Whelihan K**, **Steffans S**, **Lewis JH**. Attitudes toward people experiencing homelessness among ATSU-SOMA students, physicians, faculty, and staff. *J Am Osteopath Assoc*. 2017;117(11):e108-e110.

Anderson S, **Bernstein J**. Effects of a stroke awareness program on African-American women. Presented at: Research Centers in Minority Institutions RCMI Translational Science 2017; October 28-November 1, 2017; Washington, DC.

Chang G [student], Ho S [student]. Effects of IPE on early exposure to clinical experience within ATSU-SOMA's unique curriculum. Poster presented at: American Association of Clinical Anatomists Third Regional Meeting; October 7, 2017; Mesa, AZ.

Dishman L. Patient experience and hospital financial performance: a longitudinal analysis of U.S. for-profit, nonprofit, and government hospitals. *J Healthc Manag*. 2017;62(6):433.

Fick JW, Leaming L [adjunct]. Using simulations to champion strategic change management initiatives in health care organizations. Presented at: 2017 American Hospital Association Society for Healthcare Strategy and Market Development Connections Conference; September 24-27, 2017; Orlando, FL.

Finet M. Understanding the experiences of caregivers learning a home program from an occupational therapist. Poster presented at: 2017 American Occupational Therapy Association Education Summit; October 27-28, 2017; Fort Worth, TX.

Gold J. Silver diamine fluoride for caries control. Presented at: 2017 Florida Dental Hygiene Symposium; September 14-17, 2017; Lake Buena Vista, FL.

Goldstein LB. Improving rural health through clinical training at rural hospitals and community health centers. Presented at: 4th Annual Arizona Health Equity Conference; October 12, 2017; Glendale, AZ.

Goodwin S, **Olsen L**, Cox C. A cornucopia of creative classroom activities. Presented at: American School Health Association 2017 Annual School Health Conference; October 11-13, 2017; St. Louis, MO.

Ledingham C, **Olsen L**, McNeill E, Wilson K, Clark J, Auld ME, Opp M, Goekler S, Hays C. Implications for APHA-SHES to create a healthier nation through a unified strategic vision for 2025. Presented at: American Public Health Association 2017 Annual Meeting; November 4-8, 2017; Atlanta, GA.

Presentations and abstracts, continued

Leyva-Moral JM, Palmieri PA [adjunct], Cesario S, Piscocoya-Angeles PN, Membrillo-Pillpe NJ, Feijoo-Cid M, Edwards JE. Reproductive decision-making in women living with HIV. Presented at: American Academy of Nursing 2017 Transforming Health, Driving Policy Conference; October 5-7, 2017; Washington, DC.

Leyva-Moral JM, Palmieri PA [adjunct], Edwards JE, Membrillo-Pillpe NJ, Piscocoya-Angeles PN, Feijoo-Cid M, Cesario S. The influence of partners on reproductive decision-making of women living with HIV: a conceptual framework. Presented at: Sigma Theta Tau International 44th Biennial Convention; October 28-November 1, 2017; Indianapolis, IN.

Leyva-Moral JM, Palmieri PA [adjunct], Feijoo-Cid M, Moraña-Soler D, Membrillo-Pillpe NJ, Piscocoya-Angeles PN, Edwards JE. Caring for people living with HIV/AIDS: comparing American and Peruvian nursing faculty attitudes. Presented at: Sigma Theta Tau International 44th Biennial Convention; October 28-November 1, 2017; Indianapolis, IN.

Makin I. Inter-institutional collaboration for faculty training, integrating ultrasound in medical education. Presented at: American Association of Clinical Anatomists Third Regional Meeting; October 7, 2017; Mesa, AZ.

Mayberry M, Gonik B, **Trombly R.** Impact of integrating OB and oral health: one year later. Presented at: American Public Health Association 2017 Annual Meeting; November 4-8, 2017; Atlanta, GA.

McAllister S [student], McIntire S [student], **Kondrashova T.** Integration of 3D/4D ultrasound technology into undergraduate medical education: student perception. Poster presented at: 27th World Congress on Ultrasound in Obstetrics and Gynecology; September 16-19, 2017; Vienna, Austria.

McIntire S [student], McAllister S [student], **Kondrashova T.** Improving obstetrical care in medically underserved communities using modern technology: medical student perception. Poster presented at: 27th World Congress on Ultrasound in Obstetrics and Gynecology; September 16-19, 2017; Vienna, Austria.

Mishra S [student], Chatta P [student], du Pont J [student], Devi T [student], Eberhard S [student], Huynh A [student], Khalid S [student], Kim J [student], Kim S [student], Ulhaque M [student], **Wagner R, Dixon C, Whelihan K, Lewis JH.** Evaluation of the Nutrition and Health Awareness program and changes in physical activity on health and wellness education. *J Am Osteopath Assoc.* 2017;117(11):e88-e89.

Motahari M. Interprofessional education at the schools of A.T. Still University. Presented at: American Association of Clinical Anatomists Third Regional Meeting; October 7, 2017; Mesa, AZ.

Palmieri PA [adjunct]. Avance de la enfermería en America Latina: ontología del cuidado humano y la epistemología de la ética. Presented at: XVII Congreso de la Sociedad Cubana de Enfermería; September 18-22, 2017; Havana, Cuba.

Palmieri PA [adjunct]. Investigación en torno al cuidado humanizado. Presented at: Global Human Caring Congress Latin America; November 20-23, 2017; Santiago, Chile.

Palmieri PA [adjunct]. Liderazgo para fortalecer el cuidado y seguridad del paciente. Presented at: IV Congreso Internacional de Liderazgo e Innovación en el Cuidado de Enfermería; November 16-17, 2017; Lima, Peru.

Park JH. Biomechanical and clinical considerations using TADs for molar uprighting and protraction. Presented at: The E. H. Angle Society 2017 Biennial Meeting; September 6-10, 2017; Chicago, IL.

Presentations and abstracts, continued

Park JH. Correction of challenging sagittal and vertical problems using TADs and CBCT. Presented at: 5th Biennial Burstone Symposium; October 5-7, 2017; Indianapolis, IN.

Park JH. Key factors in molar uprighting and protraction with TADs. Presented at: 2017 Korean American Dental Association Biennial Dental Symposium; November 5, 2017; Los Angeles, CA.

Stalnaker D [alum], **Sheppard ME**, Walker L, Burke L. Relationship of depression, anticipated stigma, and perceived health status among family members and loved ones of incarcerated individuals. Presented at: American Public Health Association 2017 Annual Meeting; November 4-8, 2017; Atlanta, GA.

Takach K [student], **Love A.** Are oral health and access to dental care major issues for incarcerated women? Presented at: American Public Health Association 2017 Annual Meeting; November 4-8, 2017; Atlanta, GA.

Valovich McLeod TC. Concussion prevention and early intervention. Presented at: American Osteopathic Association 122nd Osteopathic Medical Conference and Exposition (OMED 2017); October 7-10, 2017; Philadelphia, PA.

Valovich McLeod TC. Determining meaningful change in concussion studies. Presented at: University of Georgia Concussion Research Laboratory Seminar; October 25, 2017; Athens, GA.

Wright J [alum], **Sheppard ME**, Royal C, Broschious S. RN to BSN: variables related to intent to return to school for pre-Bachelor of Science nurses. Presented at: American Public Health Association 2017 Annual Meeting; November 4-8, 2017; Atlanta, GA.

Sorry we missed you last time

Heick JD, **Bay C**, Dompier TP, **Valovich McLeod TC.** Relationships among common vision and vestibular tests in healthy recreational athletes. *Int J Sports Phys Ther.* 2017;12(4):581-591. [Link](#).

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Leyva-Moral JM, Piscoya-Angeles PN, Edwards JE, Palmieri PA [adjunct]. The experience of pregnancy in women living with HIV: a meta-synthesis of qualitative evidence. *J Assoc Nurses AIDS Care.* 2017;28(4):587-602. [Link](#).

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