



*“Creativity requires input, and that’s what research is.”
~Gene Luen Yang*

Publications

Barry RM, **Spolarich AE**, Weber M, Krause D, Woodall WD, Bailey JH. [Impact of operator positioning on musculoskeletal disorders and work habits among Mississippi dental hygienists](#). J Dent Hyg. 2017;91(6):6-14.

Biswas Roy S, Haworth C [student], Ipsen T, Kang P, Hill D, Do A, Kuo E. [Transabdominal robot-assisted diaphragmatic plication: a 3.5-year experience](#). Eur J Cardiothorac Surg. 2018;53(1):247-253.

Branch-Mays GL, Pittenger AL, Williamson K, Milone A, Hein E, Thierer T. [An interprofessional education and collaborative practice model for dentistry and pharmacy](#). J Dent Educ. 2017;81(12):1413-1420.

Choudhary N, Deepak KK, Chandra SS, **Bhatia S**, Sagar R, Jaryal AK, Pandey RM, Tripathi M. [Comparison of autonomic function before and after surgical intervention in patients with temporal lobe epilepsy](#). J Epilepsy Res. 2017;7(2):89-98.

Dillenberg J, Goldstein LB. [Innovation in undergraduate dental education: forging a pathway to dentistry’s future](#). Compend Contin Educ Dent. 2018;39(2):72-73.

Everman S, Farris JW, Bay RC, Daniels JT. [Elite distance runners: a 45-year follow-up](#). Med Sci Sports Exerc. 2018;50(1):73-78.

Fryer G. [Integrating osteopathic approaches based on biopsychosocial therapeutic mechanisms. Part 2: clinical approach](#). Int J Osteopath Med. 2017;26:36-43.

Han D, **Young BA**. [The rhinoceros among serpents: comparative anatomy and experimental biophysics of Calabar burrowing python \(*Calabaria reinhardtii*\) skin](#). J Morphol. 2018;279(1):86-96.

Harding JL [alum], Picha KJ [alum], **Huxel Bliven KC**. [Pitch volume and glenohumeral and hip motion and strength in youth baseball pitchers](#). J Athl Train. 2018;53(1):60-65.

Publications, continued

Hassan SS, Razzaque A [student], **Ahmad Z, Pazdernik V**, Amin SN. [Does posttreatment thymoquinone reverse high-dose atorvastatin-induced hepatic oxidative injury in rats?](#) Can J Physiol Pharmacol. 2018;96(1):51-59.

Joshi K, Hassan SS, **Ramaraj P**. [Differential biological effects of dehydroepiandrosterone \(DHEA\) between mouse \(B16F10\) and human melanoma \(BLM\) cell lines.](#) Dermatoendocrinol. 2017;9:e1389360.

Kanumalla R [student], **Keane J**, Matsushita S [student], **Shoup D**, Mauro AL, **Goldstein LB**. [Plantar fasciitis: diagnosis and management.](#) EC Orthop. 2018;9(3):154-165.

Kay MC, Register-Mihalik JK, Ford CB, **Williams RM, Valovich McLeod TC**. [Parents' and child's concussion history as predictors of parental attitudes and knowledge of concussion recognition and response.](#) Orthop J Sports Med. 2017;5(12):2325967117742370.

Kim MJ, **Park JH**, Kojima Y, Tai K [adjunct], Chae JM [visiting scholar]. [A finite element analysis of the optimal bending angles in a running loop for mesial translation of a mandibular molar using indirect skeletal anchorage.](#) Orthod Craniofac Res. 2018;21(1):63-70.

Kittle N, Lierman C, DeChant A [student]. [Eye changes after recent international travel.](#) Am Fam Physician. 2017;96(12):807-808.

Kook YA, **Park JH**, Bayome M, Jung CY, Kim Y, Kim SH. [Application of palatal plate for nonextraction treatment in an adolescent boy with severe overjet.](#) Am J Orthod Dentofacial Orthop. 2017;152(6):859-869.

Leyva-Moral JM, Palmieri PA [adjunct], Feijoo-Cid M, Cesario SK, Membrillo-Pillpe NJ, Piscocoya-Angeles PN, Goff M, Toledo-Chavarri A, Edwards JE. [Reproductive decision-making in women living with human immunodeficiency virus: a systematic review.](#) Int J Nurs Stud. 2018;77:207-221.

Martinez BR, Lopes Sauers AD [adjunct], Ferreira CL, de Castro Lugli L, Gama Turchetto PC, Docherty CL, Yi LC. [Translation, cross-cultural adaptation, and measurement properties of the Brazilian version of the Identification of Functional Ankle Instability \(IdFAI\) questionnaire.](#) Phys Ther Sport. 2018;29:1-8.

Matsushita S [student], **Shoup D**, Kanumalla R [student], **Goldstein LB**. [Getting at the root of opioid-induced constipation with an osteopathic approach.](#) Pract Pain Manag. 2017;17(10):22-27.

Mikeska JD [alum], **Alexander JL**. [Fitness professionals' perceptions and attitudes toward certification, online education, and medical fitness.](#) Int J Kinesiol High Educ. 2018;2(1):1-14.

Park JH, Chae JM [visiting scholar], **Bay RC**, Kim MJ, Lee KY, Chang NY. [Evaluation of factors influencing the success rate of orthodontic microimplants using panoramic radiographs.](#) Korean J Orthod. 2018;48(1):30-38.

Rhon DI, Clewley D, **Young JL**, Sissel CD, Cook CE. [Leveraging healthcare utilization to explore outcomes from musculoskeletal disorders: methodology for defining relevant variables from a health services data repository.](#) BMC Med Inform Decis Mak. 2018;18:10.

Roush JR, Gombold KL [alum], **Bay RC**. [Normative grip strength values in males and females, ages 50 to 89 years old.](#) Internet J Allied Health Sci Pract. 2017;16(1):7.

Publications, continued

Ryu WK, **Park JH**, Tai K [adjunct], Kojima Y, Lee Y, Chae JM [visiting scholar]. [Prediction of optimal bending angles of a running loop to achieve bodily protraction of a molar using the finite element method.](#) Korean J Orthod. 2018;48(1):3-10.

Spolarich AE. [Oral complications of medication use.](#) Decis Dent. 2017;3(12):30-34.

Stone MR [alum], **Kinney M**, Chatterton C [alum], **Pettit RK**. [A crowdsourced system for creating practice questions in a clinical presentation medical curriculum.](#) Med Sci Educ. 2017;27(4):685-692.

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Swofford BP, Swofford DP [student]. [Management of hypothermic hammer syndrome: a case report.](#) Am J Case Rep. 2018;19:150-152.

Tomchuk D [student], **Welch Bacon CE**, **Valovich McLeod TC**. [Diagnosing exertional rhabdomyolysis across athletic training practice settings: clinical bottom line.](#) NATA News. 2018;30(2):24-26.

Valovich McLeod TC, Fraser MA, Johnson RS [alum]. [Mental health outcomes following sport-related concussion.](#) Athl Train Sports Health Care. 2017;9(6):271-282.

Valovich McLeod TC, Wagner AJ [alum], **Welch Bacon CE**. [Lived experiences of adolescent athletes following sport-related concussion.](#) Orthop J Sports Med. 2017;5(12):2325967117745033.

Welch Bacon CE, Cohen GW [alum], Kay MC [alum], Tierney DK [alum], **Valovich McLeod TC**. [Athletic trainers' perceived challenges toward comprehensive concussion management in the secondary school setting.](#) Int J Athl Ther Train. 2018;23(1):33-41.

Young JL, Rhon DI, de Zoete RMJ, Cleland JA, Snodgrass SJ. [The influence of dosing on effect size of exercise therapy for musculoskeletal foot and ankle disorders: a systematic review.](#) Braz J Phys Ther. 2018;22(1):20-32.

Presentations and abstracts

Adler KM, **Line D**, **McDaniel CS**. Using competency mapping to improve online education. Presented at: 35th Academic Chairpersons Conference; February 14-16, 2018; Orlando, FL.

Adler KM, **McDaniel CS**. Evaluating online programs: challenges and strategies. Presented at: 35th Academic Chairpersons Conference; February 14-16, 2018; Orlando, FL.

Adler KM, **McDaniel CS**. Integrating applied learning and community outreach into online education. Presented at: 35th Academic Chairpersons Conference; February 14-16, 2018; Orlando, FL.

Bell DR, **Valovich McLeod TC**, McKay S, Lang P, Israel M, Zaslow T, Chan C, a PRISM Sports Specialization Research Interest Group Study. Sport participation and specialization characteristics in youth soccer athletes. Poster presented at: 5th Annual Pediatric Research in Sports Medicine Society Meeting; January 25-27, 2018; Fort Lauderdale, FL. *Kevin G. Shea Best Poster Award for Athletic Training*

Presentations and abstracts, continued

Dishman L. Investigating the relationship among patient experience, hospital types, and financial performance of for-profit, non-profit, and governmental hospitals in the United States. *Mich Acad.* 2017;45(1):111-112.

Fay D, Tovin MM, Hettrick H, Fetters L. The experience of evidence-based practice: the clinician's perspective. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Fick J, Dishman L, Adler K, Williams L. One tale from two surveys: how do hospital CEOs in Midwestern region perceive leadership competencies of health administration graduates? *Mich Acad.* 2017;45(1):112.

Freeman M [student], Chalanycz J [student], **Fay D.** I am an athlete: the lived experience of athletes with a physical disability participating on school-based sports teams. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Gates D [alum], **Fay D.** Let's play! Adaptive sports roles and opportunities for physical therapy: youth adaptive sports. Presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Imundi J, Bustillo KL [adjunct], Imundi M [adjunct]. Identification and physical therapy treatment of axillary web syndrome post axillary dissection: a case study report. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA. Abstract published in: *J Womens Health Phys Therap.* 2018;42(1):53.

Lam KC, Marshall AN, Valovich McLeod TC. Changes in health-related quality of life in adolescent athletes following a lower extremity injury: a report from the Athletic Training Practice-Based Research Network. Poster presented at: 5th Annual Pediatric Research in Sports Medicine Society Meeting; January 25-27, 2018; Fort Lauderdale, FL.

Lynskey J, Knilans J, Molzen E, Chapman C [alum], Cocciardi A [alum], Collins K [alum], Dunnington T [alum], Hicks Staffa A [alum], Hicks S [alum], Higgins K [alum], Kelsey A [alum], Yamamoto A [alum]. The effects of a kinetic lower extremity orthosis on locomotor function in individuals with hemiparesis. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Manton C, Griffin L [resident], Roof K [alum], Santiago C [alum], Toprani B [alum]. Interrater reliability of physical therapy students using the Functional Movement Screen. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

McIsaac TL, Klawonn A [adjunct], Szczublewski S [student], Kane A [student], Leach J [student], Edwards C [student]. Feasibility and benefits of an adapted Pilates program for individuals with Parkinson's disease. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA. Abstract published in: *J Neurol Phys Ther.* 2018;42(1):44-56.

McKay S, **Valovich McLeod TC,** Lang PJ, Israel MP, Bell DR, Chan C, a PRISM Sports Specialization Research Interest Group Study. A preliminary investigation of self-report sport-related injury among pediatric soccer athletes. Poster presented at: 5th Annual Pediatric Research in Sports Medicine Society Meeting; January 25-27, 2018; Fort Lauderdale, FL.

Presentations and abstracts, continued

Rager JL, Cavallario JM, Hankemeier, **Welch Bacon CE**, Walker SE. Professional athletic training program administrators' experiences with the preparation and development of preceptors. Poster presented at: Eastern Athletic Trainers' Association Annual Educational Convention; January 5-8, 2018; Boston, MA.

Sartor-Glittenberg C, Bison N [alum], Fernandes S [alum], **Alexander JL, Bay C, Bordenave LM, Bordenave EL**. Moderators of the relationship between participation in a Matter of Balance program and improved balance confidence. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Sartor-Glittenberg C, Hodges C, Burch AL, Bay C, Ibarrola RT, Suniga-Cadavid M. A brief intervention model of physical therapy within the community health care center. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Shanti SD. Case for non-violent mass media and how to mobilize globally to advance this. Presented at: Academy on Violence and Abuse 2017 Global Health Summit; December 7-8, 2017; Hong Kong, China.

Spolarich AE. Training pharmacists to counsel older adults about oral health: a demonstration project with Oral Health America's Tooth Wisdom for pharmacists. Presented at: Oral Health America, 2nd Interprofessional Symposium on Geriatrics; February 6, 2018; Chicago, IL.

Thomas K [alum], **Dishman L, Fick J**. Examining the relationship among hospitalist continuing education, hospitalist communication competency, and stroke patient outcomes. *Mich Acad.* 2017;45(1):113.

Tovin MM, **Bordenave LM, Fay D**. Transforming data through the use of metaphors: strategies for experienced and novice researchers. Presented at: The Qualitative Report 9th Annual Conference; January 11-13, 2018; Fort Lauderdale, FL.

Valovich McLeod TC, Bell DR, McKay S, Israel MP, Lang PJ, a PRISM Sports Specialization Research Interest Group Study. A preliminary investigation of sports specialization and recent injury history among pediatric soccer athletes. Poster presented at: 5th Annual Pediatric Research in Sports Medicine Society Meeting; January 25-27, 2018; Fort Lauderdale, FL.

Young J, Rhon D, Cleland J, Snodgrass S. Do specific exercise dosing variables impact the effect of exercise therapy for knee disorders? Presented at: American Physical Therapy Association Combined Sections Meeting 2018; February 21-24, 2018; New Orleans, LA.

Sorry we missed you last time

Basehore PM, Mortensen LH, Katsaros E, Linsenmeyer M, McClain EK, **Sexton PS**, Wadsworth N. [Entrustable professional activities for entering residency: establishing common osteopathic performance standards in the transition from medical school to residency](#). J Am Osteopath Assoc. 2017;117(11):712-718.

Clark EM, Huang J, Roth DL, **Schulz E**, Williams BR, Holt CL. [The relationship between religious beliefs and behaviors and changes in spiritual health locus of control over time in a national sample of African Americans](#). Ment Health Relig Cult. 2017;20(5):449-463.

Collins A [alum], **Leafman J**. Self-image, obesity, and African-American women. Poster presented at: 12th Annual Cardiometabolic Health Congress; October 4-7, 2017; Boston, MA. Abstract published in: Med Sci. 2017;5(4):37.

Diamant R, Corsilles-Sy C, Pitonyak J, James A. Examining competencies for intraprofessional collaboration in the OT/OTA relationship. Presented at: 2017 AOTA Education Summit; October 27-28, 2017; Fort Worth, TX.

Diamant R, Corsilles-Sy C, Pitonyak J, James A. Preparing for intraprofessional practice: examining methods of learning competencies for OT/OTA collaboration. Poster presented at: 2017 AOTA Education Summit; October 27-28, 2017; Fort Worth, TX.

Hixson KM [alum], Allen AN [alum], Williams AS [student], **Valovich McLeod TC**. [Is state anxiety, trait anxiety, or anxiety sensitivity a clinical predictor of symptoms in those presenting with mild traumatic brain injury or concussion?](#) J Sport Rehabil. 2017;26(6):588-594.

Lopes Sauers AD [adjunct], **Sauers EL**, **Snyder Valier AR**. [Quality improvement in athletic healthcare](#). J Athl Train. 2017;52(11):1070-1078.

Nassar D [student], Messerschmidt M, Trute M. Thematic analysis of barriers to treatment of hepatitis C at a federally qualified health center (FQHC). Poster presented at: American College of Physicians Washington Chapter Scientific Meeting; November 2-4, 2017; Seattle, WA.

Park JH, Tai K [adjunct], Ikeda M. [Anterior open-bite correction with minscrew anchorage and a combination of upper lingual and lower labial appliances](#). J Clin Orthod. 2017;51(11):719-727.

Robertson KM, Bowser JE, **Bernstein J**, Aboul-Enein BH. [Peer-reviewed veterinary journals from Arabic-speaking countries: a systematic review](#). Ann Glob Health. 2017;83(3-4):524-529.

Wilkinson T. Reshaping PT clinical education: what if. Presented at: Northwest Intermountain Consortium 2017 Annual Conference; November 3-4, 2017; Boise, ID.

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