



*“Persistence in scientific research leads to what I call instinct for truth.”  
~Louis Pasteur*

## Publications

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Broglio SP, Baldwin G, Castellani RJ, Chrisman SPD, Duma S, Hainline B, Gerstner JC, Guskiewicz K, Kutcher J, Lamba A, McCrea M, Pachman S, Randolph C, **Valovich McLeod TC**. Summary of the 2015 University of Michigan Sport Concussion Summit. *Concussion*. 2016;1(4). [Link](#).

Burdge K [alum], Kaylor MB [adjunct], **Mathieson K**. The relationship between functional independence measure scores, socio-demographics and site of discharge for inpatient rehabilitation patients with stroke in one California facility. *Phys Ther J Policy Adm Leadersh*. 2017;17(1):J14-J21. [Link](#).

Caddigan SC [student], Pfenning AC, Sparkes TC. Competitive growth, energy allocation, and host modification in the acanthocephalan *Acanthocephalus dirus*: field data. *Parasitol Res*. 2017;116(1):199-206. [Link](#).

Ciagne M, Swan J [student], Parker DL, McKinney ZJ. Initially missed diagnosis of quadriceps partial tendon tear. *J Urgent Care Med*. January 2017. [Link](#).

Collins MW, Kontos AP, Okonkwo DO, Almquist J, Bailes J, Barisa M, ... **Valovich McLeod TC**, et al. Statements of agreement from the Targeted Evaluation and Active Management (TEAM) Approaches to Treating Concussion meeting held in Pittsburgh, October 15-16, 2015. *Neurosurgery*. 2016;79(6):912-929. [Link](#).

Commodore-Mensah Y, Sampah M, Berko C, Cudjoe J, Abu-Bonsrah N, Obisesan O [alum], Agyemang C, Adeyemo A, Himmelfarb CD. The Afro-Cardiac Study: cardiovascular disease risk and acculturation in West African immigrants in the United States: rationale and study design. *J Immigr Minor Health*. 2016;18(6):1301-1308. [Link](#).

Ebel DL [fellow], Torkilsen CG [student], **Ostrowski TD**. Blunted respiratory responses in the streptozotocin-induced Alzheimer's disease rat model. *J Alzheimers Dis*. 2017;56(3):1197-1211. [Link](#).

**Fay D, Wilkinson T**, Wagoner M [alum], Brooks D [alum], Quinn L [alum], Turnell A [alum]. Effect of group setting on gross motor performance in children 3-5 years old with motor delays. *Phys Occup Ther Pediatr*. 2017;37(1):74-86. [Link](#).

## Publications, continued

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Figueredo AJ, Garcia RA, **Menke JM**, Jacobs WJ, Gladden PR, Bianchi JM, Patch EA, Beck CJA, Kavanagh PS, Sotomayor-Peterson M, Jiang Y, Li NP. The K-SF-42: a new short form of the Arizona Life History Battery. *Evol Psychol.* 2017;15(1). [Link](#).

**Fryer G**. Somatic dysfunction: an osteopathic conundrum. *Int J Osteopath Med.* 2016;22:52-63. [Link](#).

Gan SW, Saravanan C, **Musawi A**, Wong CY. An experimental study of the effects of psychological interventions on adult patients with dental anxiety. *Int J Psychol Stud.* 2017;9(1):24-32. [Link](#).

**Goldstein LB, Shoup D, Troncoso V**. Utilizing acupuncture and osteopathic manipulative treatment (OMT) in the integrative treatment of TMDs. *Otolaryngol (Sunnyvale).* 2017;7(1):292. [Link](#).

**Halupa CM**. The changing roles of online deans and department heads in small private universities. *J Open Flexible Distance Learn.* 2016;20(2):32-44. [Link](#).

Horris HB [student], Elmer C [student], **Valovich McLeod TC**. Premorbid diagnosis of attention deficit hyperactivity disorder and the association of concussion risk and prolonged recovery: an evidence-based report. *Athl Train Sports Health Care.* 2017;9(1):39-44. [Link](#).

Jones-Schenk J, **Leafman J**, Wallace L [adjunct], Allen P. Addressing the cost, value, and student debt in nursing education. *Nurs Econ.* 2017;35(1):7-13, 29. [Link](#).

Liu M [student], Amini A [student], **Ahmad Z**. Safranal and its analogs inhibit *Escherichia coli* ATP synthase and cell growth. *Int J Biol Macromol.* 2017;95:145-152. [Link](#).

Nasoori A, Shahbazzadeh D, Tsubota T, **Young BA**. The defensive behaviour of *Naja oxiana*, with comments on the visual displays of cobras. *Herpetol Bull.* 2016;(138):4. [Link](#).

**Nenad MW, Halupa C, Spolarich AE**, Gurenlian JR. A dental radiography checklist as a tool for quality improvement. *J Dent Hyg.* 2016;90(6):386-393. [Link](#).

**Park JH**, Bayome M, Zahrowski JJ, Kook YA. Displacement and stress distribution by different bone-borne palatal expanders with facemask: a 3-dimensional finite element analysis. *Am J Orthod Dentofacial Orthop.* 2017;151(1):105-117. [Link](#).

Petty JL [student], **Kondrashov P, Johnson JC, Kondrashova T**. Performance assessment in medical school curricula: an innovative method of evaluating sonographic skills using ultrasound practical examinations. *Med Sci Educ.* 2016;26(4):749-757. [Link](#).

**Ramaraj P**. In-vitro inhibition of human melanoma (BLM) cell growth by progesterone receptor antagonist RU-486 (Mifepristone). *J Cancer Ther.* 2016;7(13):1045-1058. [Link](#).

Swanik KA, Thomas SJ, Struminger AH, **Huxel Bliven KC**, Kelly JD, Swanik CB. The effect of shoulder plyometric training on amortization time and upper-extremity kinematics. *J Sport Rehabil.* 2016;25(4):315-323. [Link](#).

Tan X, Gao J, Shi Z, Tai S, Chan LL, Yang Y, Peng DQ, Liao DF, Jiang ZS, **Chang YZ**, Gui Y, Zheng XL. MG132 induces expression of monocyte chemoattractant protein-1 in vascular smooth muscle cells. *J Cell Physiol.* 2017;232(1):122-128. [Link](#).

## Publications, continued

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**Troncoso VA, Heath D,** Vahdatinia R [student], **Goldstein LB.** Osteopathic treatment considerations for head, neck, and facial pain. *Pract Pain Manag.* 2016;16(10):52-54. [Link](#).

Wagner AJ [alum], Erickson CD [alum], Tierney DK [alum], Houston MN, **Welch CE.** The diagnostic accuracy of screening tools to detect eating disorders in female athletes. *J Sport Rehabil.* 2016;25(4):395-398. [Link](#).

## Presentations and abstracts

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Allegro K [adjunct], Nall T [alum], Williams T [alum], **Lynskey J.** The effects of AlterG<sup>®</sup> treadmill training on locomotor function in an individual diagnosed with the Miller-Fisher variant of Guillain-Barré syndrome. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

Amadeo P, Filali N, Bellini G, Cornali C, **Valovich McLeod TC, Welch Bacon CE.** Concussion knowledge among professional youth Italian soccer players. Poster presented at: 35th National Conference of the Italian Sports Medicine Federation; December 1-4, 2016; Rome, Italy.

Aragon A [student]. Brain injuries and helmets. Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

Blaisdell A [student], **Olsen LK, Allen D.** Characteristics of human sexuality educators in Vermont high schools. Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

**Bordenave L,** Tovin M, Blackinton M, Canbek J. Leadership in the American Physical Therapy Association: the experience of early career physical therapy professionals. Presented at: 1st Annual Kay Shepard Qualitative Research Symposium, American Physical Therapy Association Combined Sections Meeting 2017; February 17, 2017; San Antonio, TX.

**Breitenbach E.** A self-plagiarism intervention for doctoral students: a qualitative pilot study. Presented at: Lilly Conference on Evidence-Based Teaching and Learning; January 5-7, 2017; Austin, TX.

**Dishman L.** Does size matter? A quantitative study of patient experience self-reported by U.S. for-profit, non-profit, and governmental hospitals from 2009 to 2012. *Mich Acad.* 2016;44(2):161.

Ebel DL [fellow], Torkilsen CG [student], **Ostrowski TD.** Blunted respiratory responses in the STZ-induced rat model of Alzheimer's disease. Poster presented at: 24th Annual Cardiovascular Day; February 21, 2017; Columbia, MO.

**Fay D,** Cardenas S [alum], Koivuniemi-Berg T [alum], Werkau S [alum]. Effects of a Bal-A-Vis-X intervention on coordination and balance in typically developing school-aged children. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Fick J.** Using team based simulations to introduce organizational change management theory and practice to business students. Presented at: Lilly Conference on Evidence-Based Teaching and Learning; January 5-7, 2017; Austin, TX.

## Presentations and abstracts, continued

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**Goldstein LB.** Improving dental and whole person healthcare through IPE. Presented at: 19th American Dental Congress; December 8-10, 2016; Phoenix, AZ.

**Goldstein LB.** Utilizing acupuncture and osteopathic manipulation in the treatment of TMDs. Presented at: 19th American Dental Congress; December 8-10, 2016; Phoenix, AZ.

**Halupa C.** Transformative learning in the world of technology: how ready are you to maximize your students' potential? Virtual presentation at: Harold D. Buckingham Conference for Scholarship and Excellence; December 9, 2016.

Hankemeier DA, Cavalario JM, **Welch Bacon CE.** Educating students to function as health care providers in the current medical landscape. Presented at: Athletic Training Educators' Conference 2017; February 17-19, 2017; Grapevine, TX.

Hohenbery T [student], **Ramaraj P.** In-vitro anti-cancer actions of androgens (androstenedione and testosterone) based on human melanoma rescued and recovered cell growth, adhesion and migration functions. Poster presented at: Cell Biology 2016 American Society for Cell Biology Annual Meeting; December 3-7, 2016; San Francisco, CA. Abstract published in: Mol Biol Cell. 2016;27(25):3947, P1112.

**Huxel Bliven KC, Makin I, Hutman R.** Using ultrasound imaging to enhance education of clinical musculoskeletal anatomy and examination skills in professional and post-professional athletic training students. Presented at: Athletic Training Educators' Conference 2017; February 17-19, 2017; Grapevine, TX.

**Imundi J.** Diabetes prevention for Native Hawaiian women: a case series design. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Klawonn A, Kernan D, Lynskey J.** The impact of a 5 week seminar on biopsychosocial model of self-care on perceived levels of anxiety, depression, self-compassion, stress and mindfulness in graduate healthcare students. Presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Konecny L.** Cannabis vaping among teens: an emerging risk. Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

**Kuettel J, Sherlock C.** The feasibility of tracking strength gains using the supine hip extension test in a neurologic population. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

LaRue A [student]. Community forums for engagement and prevention in response to the opioid epidemic. Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

**Lynskey J, Molzen E, Chayrez S [alum], Christakos K [alum], Cohee D [alum], Cortez D [alum], Dowling W [alum], Lucas K [alum], Samel E [alum], Winters WM [alum], Bay C, Glaister B.** Vibrotactile feedback improves locomotor function in lower extremity amputees. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

## Presentations and abstracts, continued

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Maher SF, Schuknecht S [adjunct], Mortensen S, Weiss SR, Sergison C, Doherty DJ. Traditional versus non-traditional anatomy instruction among physical therapy students: a comparative study. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Makin IRS, Pedapati C, Parikh V [student], Levine R, Shlossman M.** Output characterization of clinically applied diode laser systems for management of chronic periodontal disease. Poster presented at: Arizona Chapter of the American Association for Dental Research Scientific Symposium; January 21, 2017; Mesa, AZ.

**Manton C, Dixon S, Jacobsen A, Joehl T, Kibler K, Bliven K.** The effect of a novel stretch on posterior shoulder tightness. Presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Manton C, Erbe B [student], Iyo JS [student], Randau K [student], Street L [student].** The association of the Functional Movement Screen™ and single leg hop tests with musculoskeletal injury in firefighter recruits. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Olsen L, Peña De La Cruz A, Peña De La Cruz G.** Cell telephone use: today's new addiction for Mexican high school youth? Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

**Park JH.** An evaluation of ABO certification protocols in postgraduate orthodontic programs in the United States and Canada. Presented at: Arizona Chapter of the American Association for Dental Research Scientific Symposium; January 21, 2017; Mesa, AZ.

Queen T [student]. Protecting LGBTQ youth from cyberbullying through health interventions. Presented at: 8th Annual International Conference on the Health Risks of Youth; January 4-7, 2017; Cancun, Mexico.

**Roush JR.** Estimations of lateral patella forces from derived quadriceps forces during three speeds of walking and two speeds of running/jogging. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Roush JR, Curtis TJ, Bay C, Case RJ, Packard BJ, Whipple RL, James P.** The internal consistency of a modified version of the Lower Extremity Functional Scale for patients receiving a total joint arthroplasty. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Roush JR, Funk D [alum], Hunke E [alum], Farris JW.** The effectiveness of ACL prevention programs in reducing the incidence of ACL injuries: a systematic review using NNT, odds ratios, and z statistics. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

Spence JC [alum], **Fay D.** The inclusion and progression of two athletes with disabilities in high school sports: a case study. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

## Presentations and abstracts, continued

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Studer M, Wheten B, **McIsaac TL**, Muratori LM. Applying the dual task taxonomy: cognitive, auditory, visual, and manual modes. Presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX. Abstract published in: *J Neurol Phys Ther*. 2017;41(1):70-72.

**Valovich McLeod TC**, Register-Mihalik JK, Kasamatsu TM, Johnson RS, **Welch Bacon CE**. Knowledge perception and confidence regarding sport-related concussion among school personnel. Presented at: Pediatric Research in Sports Medicine Society 2017 Annual Meeting; January 26-28, 2017; Dallas, TX.

**Walters S**, Thompson M. Beyond incredible—the power of Paralympic sport: a pilot ethnographic study. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

**Welch Bacon CE**. Using outcomes for educational research. Presented at: Athletic Training Educators' Conference 2017; February 17-19, 2017; Grapevine, TX.

**Welch Bacon CE**, Hankemeier DA, Van Lunen BL. The comparison of educators', preceptors', and professional athletic training students' perceptions of student preparation within the six healthcare competency areas. Poster presented at: Athletic Training Educators' Conference 2017; February 17-19, 2017; Grapevine, TX.

**Welch Bacon CE**, Mace KL. The future of health care education: considerations for the competency-based education model in athletic training. Presented at: Athletic Training Educators' Conference 2017; February 17-19, 2017; Grapevine, TX.

**Wilkinson T**, Rone-Adams S, **Burch A**, Rosenthal R. Developing interest in rural physical therapy practice through clinical and community service experiences. Poster presented at: American Physical Therapy Association Combined Sections Meeting 2017; February 15-18, 2017; San Antonio, TX.

## Sorry we missed you last time

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**Altman D**, Mascarenhas AK. New competencies for the 21st century dental public health specialist. *J Public Health Dent*. 2016;76(suppl 1):S18-28. [Link](#).

**Levine R**, Vitruk P. Use of a 10,600-nm CO<sub>2</sub> laser mandibular vestibular extension in a patient with a chromosomal abnormality. *Compend Contin Educ Dent*. 2016;37(8):527-533. [Link](#).

Mascarenhas AK, **Altman D**. A survey of dental public health specialists on current dental public health competencies. *J Public Health Dent*. 2016;76(suppl 1):S11-17. [Link](#).

Sawyer Q [student], Vesci B [student], **Valovich McLeod TC**. Physical activity and intermittent postconcussion symptoms after a period of symptom-limited physical and cognitive rest. *J Athl Train*. 2016;51(9):739-742. [Link](#).

Schaffer R [adjunct], **Duong ML**, Wachter B [student], Arana E, Frances D. Access to dental care for people with bleeding disorders: survey results of hemophilia treatment centers in the US. *Spec Care Dentist*. 2016;36(6):296-299. [Link](#).

Stumetz KS, Yi-Frazier JP, Mitrovich C [student], Briggs Early K. Quality of care in rural youth with type 1 diabetes: a cross-sectional pilot assessment. *BMJ Open Diabetes Res Care*. 2016;4(1):e000300. [Link](#).