

ATSU RESEARCH

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

“It is a curious property of research activity that after the problem has been solved the solution seems obvious.” ~Edwin Land

Publications

Azim S [student], McDowell D [student], Cartagena A [student], Rodriquez R, Laughlin TF, **Ahmad Z**. Venom peptides cathelicidin and lycotoxin cause strong inhibition of *Escherichia coli* ATP synthase. *Int J Biol Macromol*. 2016;87:246-251. [Link](#).

Baik UB, Kook YA, Bayome M, Park JU, **Park JH**. Vertical eruption patterns of impacted mandibular third molars after the mesialization of second molars using miniscrews. *Angle Orthod*. 2016;86(4):565-570. [Link](#).

Bierwas DA [alum], **Leafman J**, Shaw DK. The evidence-based practice beliefs and knowledge of physical therapy clinical instructors. *Internet J Allied Health Sci Pract*. 2016;14(3):10. [Link](#).

Campbell SA, **Valier AR**. The effect of kinesio taping on anterior knee pain consistent with patellofemoral pain syndrome: a critically appraised topic. *J Sport Rehabil*. 2016;25(3):288-293. [Link](#).

Coelho KR [student], Belden C [adjunct]. A systematic review of the literature on the relationship between caste membership and health-related risk factors in India. *Int J Med Public Health*. 2016;6(2):61-68. [Link](#).

Crutchfield P. Decoded neurofeedback is unlikely to enhance moral capacities. *AJOB Neurosci*. 2016;7(2):125-126. [Link](#).

Crutchfield P. The epistemology of moral bioenhancement. *Bioethics*. 2016;30(6):389-396. [Link](#).

DePalma SM [student]. Managing atrial fibrillation in primary care. *JAAPA*. 2016;29(6):29-33. [Link](#).

Franke H, **Fryer G**, Ostelo R, Kamper SJ. Muscle energy technique for non-specific low-back pain: a Cochrane systematic review. *Int J Osteopath Med*. 2016;20:41-52. [Link](#).

Gold JT, Tomar S. Oral health knowledge and practices of WIC staff at Florida WIC program. *J Community Health*. 2016;41(3):612-618. [Link](#).

Govro EJ [student], **Stuart MK**. Cytokine response of human THP-1 macrophages to *Trichomonas tenax*. *Exp Parasitol*. 2016;169:77-80. [Link](#).

Gurenlian JR, Rogo EJ, **Spolarich AE**. The doctoral degree in dental hygiene: creating new oral healthcare paradigms. *J Evid Based Dent Pract*. 2016;16(suppl):144-149. [Link](#).

Hansen DT, Thiyagarajan T, Larson AC, **Hansen JL**. Telomerase repeat amplification protocol (TRAP) activity upon recombinant expression and purification of human telomerase in a bacterial system. *Protein Expr Purif*. 2016;123:6-13. [Link](#).

Publications, continued

Harrell A [alum], **Matthews E**. Relationship between the number of clinical sites in radiography programs and job placement rates of graduates. *Radiol Technol*. 2016;87(6):617-621. [Link](#).

Hassan SS, Rachakatla R, McGarvey T, Youakeem MF. Morphological changes in the salivary acini after in vivo cholinergic stimulation. *Neurourol Urodyn*. 2016;35(5):574-581. [Link](#).

Houston MN, **Bay RC, Valovich McLeod TC**. The relationship between post-injury measures of cognition, balance, symptom reports and health-related quality-of-life in adolescent athletes with concussion. *Brain Inj*. 2016;30(7):891-898. [Link](#).

Hudman DA, Sargentini NJ. Detection of *Borrelia*, *Ehrlichia*, and *Rickettsia* spp. in ticks in northeast Missouri. *Ticks Tick Borne Dis*. 2016;7(5):915-921. [Link](#).

Kook YA, **Park JH**, Bayome M, Kim S, Han E, Kim CH. Distalization of the mandibular dentition with a ramal plate for skeletal Class III malocclusion correction. *Am J Orthod Dentofacial Orthop*. 2016;150(2):364-377. [Link](#).

Lam KC, Snyder Valier AR, Anderson BE, Valovich McLeod TC. Athletic training services during daily patient encounters: a report from the Athletic Training Practice-Based Research Network. *J Athl Train*. 2016;51(6):435-441. [Link](#).

Lewis JH, Whelihan K, Navarro I, Boyle KR, SDH Card Study Implementation Team. Community health center provider ability to identify, treat and account for the social determinants of health: a card study. *BMC Fam Pract*. 2016;17:121. [Link](#).

McAferly K [alum], Mirza R, Schomer D. Renovascular hypertension caused by compressive adenopathy with hypertensive encephalopathy. *Appl Radiol*. 2016;45(7):32C-32D. [Link](#).

McCoy L, Lewis JH, Bennett T, Allgood JA, Bay C, Schwartz FN. Fostering service orientation in medical students through a virtual community health center. *J Fam Med Community Health*. 2016;3(2):1078. [Link](#).

Nelson M [alum], Hess JM, Isakson B, Goodkind J. "Seeing the life": redefining self-worth and family roles among Iraqi refugee families resettled in the United States. *J Int Migr Integr*. 2016;17(3):707-722. [Link](#).

Noller DT [student]. Distinguishing disruptive mood dysregulation disorder from pediatric bipolar disorder. *JAAPA*. 2016;29(6):25-28. [Link](#).

Park JH, Laslovich J [alum]. Trends in the use of digital study models and other technologies among practicing orthodontists. *J Clin Orthod*. 2016;50(7):413-419. [Link](#).

Park JH, Tai K [adjunct], Sato Y. Orthodontic treatment of a patient with severe crowding and unilateral fracture of the mandibular condyle. *Am J Orthod Dentofacial Orthop*. 2016;149(6):899-911. [Link](#).

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Ramachandra R, Elmslie KS. Voltage-dependent sodium (Na_v) channels in group IV sensory afferents. *Mol Pain*. 2016;12:1744806916660721. [Link](#).

Roth C, Dent SA, Parfitt SE, Hering SL, **Bay RC**. Randomized controlled trial of use of the peanut ball during labor. *MCN Am J Matern Child Nurs*. 2016;41(3):140-146. [Link](#).

Snider KT. The use of osteopathic manipulative treatment as part of an integrated treatment for infantile colic: a case report. *AAOJ*. 2016;26(2):15-18, 33. [Link](#).

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Speyer CL, Nassar MA [student], Hachem AH, Bukhsh MA, Jafry WS, Khansa RM, Gorski DH. Riluzole mediates anti-tumor properties in breast cancer cells independent of metabotropic glutamate receptor-1. *Breast Cancer Res Treat*. 2016;157(2):217-228. [Link](#).

Publications, continued

Springer MT [student], **Singh VK**, Cheung AL, Donegan NP, **Chamberlain NR**. Effect of *clpP* and *clpC* deletion on persister cell number in *Staphylococcus aureus*. J Med Microbiol. 2016;65(8):848-857. [Link](#).

Valier AR, Averett RS [alum], **Anderson BE**, **Welch Bacon CE**. The impact of adding an eccentric-exercise component to the rehabilitation program of patients with shoulder impingement: a critically appraised topic. J Sport Rehabil. 2016;25(2):195-201. [Link](#).

Valier AR, **Welch Bacon CE**, **Bay RC**, Houston MN, **Valovich McLeod TC**. Validity of single-item patient-rated outcomes in adolescent football athletes with concussion. Arch Phys Med Rehabil. 2016;97(7):1202-1205. [Link](#).

Vitruk P, **Levine R**. Hemostasis and coagulation with ablative soft-tissue dental lasers and hot-tip devices. Inside Dent. 2016;12(8):37-40. [Link](#).

Wang G, Linsley R, **Norimatsu Y**. External Zn²⁺ binding to cysteine-substituted cystic fibrosis transmembrane conductance regulator constructs regulates channel gating and curcumin potentiation. FEBS J. 2016;283(13):2458-2475. [Link](#).

Wright JT, Crall JJ, Fontana M, Gillette EJ, Nový BB, Dhar V, Donly K, Hewlett ER, Quinonez RB, **Chaffin J**, Crespin M, Iafolla T, Siegal MD, Tampi MP, Graham L, Estrich C, Carrasco-Labra A. Evidence-based clinical practice guideline for the use of pit-and-fissure sealants: a report of the American Dental Association and the American Academy of Pediatric Dentistry. J Am Dent Assoc. 2016;147(8):672-682.e12. [Link](#).

Wright JT, Tampi MP, Graham L, Estrich C, Crall JJ, Fontana M, Gillette EJ, Nový BB, Dhar V, Donly K, Hewlett ER, Quinonez RB, **Chaffin J**, Crespin M, Iafolla T, Siegal MD, Carrasco-Labra A. Sealants for preventing and arresting pit-and-fissure occlusal caries in primary and permanent molars: a systematic review of randomized controlled trials—a report of the American Dental Association and the American Academy of Pediatric Dentistry. J Am Dent Assoc. 2016;147(8):631-645.e18. [Link](#).

Yu J, **Park JH**, Bayome M, Kim S, Kook YA, Kim Y, Kim CH. Treatment effects of mandibular total arch distalization using a ramal plate. Korean J Orthod. 2016;46(4):212-219. [Link](#).

Presentations and abstracts

Ahmed A [student], Walters J [student], Burton J [student], Leichy J [student], Gascoigne J [student], Lider J [student], Nielson A [student], Zaidi S [student], Till R [student], **Polkey F**, **Ashby E**, **Lewis JH**. Using novel audio-visual aids to promote nutritional knowledge. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Anderson BE, **Sauers EL**, **Welch Bacon CE**. A preliminary survey to explore how athletic trainers define advanced clinical practice. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: J Athl Train. 2016;51(6 suppl):S185.

Aspelund M [student], Cowens C [student], Estella A [student], Jones B [student], Kanumalla RN [student], Nguyen M [student], Patterson K [student], Tat S [student], Truong P [student], **Navarro I**, **Shanahan C**, **Lewis JH**. Determining efficacy of a novel dental educational intervention in adolescents from Appalachian Ohio. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Bernstein J. The next five years: faculty and student expectations for online education tools. Presented at: 11th Annual Teaching and Learning Symposium; August 25, 2016; Denton, TX.

Bleything J [student], Bosch L [student], **Crutchfield P**. Dental perspectives of the cariogenicity of infant food sources. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Presentations and abstracts, continued

Broussard A [student], DeChant A [student], Gorell E [student], Hartford A [student], Hua CJ [student], Loofburrow S [student], Mika A [student], Millhouse R [student], Sylvia J [student], Whiting A [student], Yang E [student], **Michaelis R, Simmons K, Lewis JH**. Evaluating the receptivity of patients regarding text messages for healthcare-related reminders in the HealthPoint Community Health Center population. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Cardenas J, **Valovich McLeod TC**. Emergency preparedness of secondary school athletic programs. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train*. 2016;51(6 suppl):S125.

Cha C [student], Conley L [student], Geiger M [student], Gunawan L [student], Hasan A [student], Ogino J [student], Pyo G [student], Salibay [student], Tingle R [student], Wy TJ [student], **Navarro I, Whelihan K, Lewis JH**. Walk to Wellness program: establishing a student-led walking group to supplement diabetes management support groups. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Coffey J [student], **Crutchfield P**, Frei W [student], Hatch D [student], Kaminski A. Reducing dental no-shows in community health centers: a controlled study. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Cummings R [student], Erickson A [student], Horath C [student], Huntley J [student], Imayanagita B [student], Kurtz J [student], Matsushita S [student], Morris C [student], Padakanti S [student], Sadiqi A [student], **Meek B, Sivakoff M, Lewis JH**. The influence of patient education on colorectal cancer screening compliance. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Erickson CD [alum], Kay MC [alum], Weber ML [alum], **Valovich McLeod TC, Welch Bacon CE**. School nurses' perceptions of the academic management team for student-athletes following a sport-related concussion. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train*. 2016;51(6 suppl):S225.

Fick J, Dishman L, Adler K, Williams L. What leadership competencies of health administration graduates matter most to hospital CEOs? Presented at: Association of University Programs in Health Administration 2016 Annual Meeting; June 22-24, 2016; Kansas City, MO.

Filali N, **Valovich McLeod TC, Welch Bacon CE**, Bellini G, Ammaddeo P, Cornali C. Concussion reporting attitudes among Italian youth soccer athletes. Presented at: American Academy of Neurology 2016 Sports Concussion Conference; July 8-10, 2016; Chicago, IL.

Gallegos DM [alum], **Lam KC, Snyder Valier AR, Huxel Bliven KC**. Use of orthopedic special tests by athletic trainers who diagnose acromioclavicular sprains: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train*. 2016;51(6 suppl):S207-S208.

Goldstein LB. Improving Arizona rural health through clinical training at community health centers. Presented at: 43rd Annual Arizona Rural Health Conference and 11th Annual Performance Improvement Summit; July 26-27, 2016; Flagstaff, AZ.

Gorman NT, Mayhew JL, **Brechue WF**. Bilateral deficit during the squat jump is not affected by training state in college-aged women. Presented at: American College of Sports Medicine 63rd Annual Meeting; June 1-4, 2016; Boston, MA.

Govro EJ [student] **Stuart MK**. Cytokine response of human THP-1 macrophages to *Trichomonas tenax* (Trichomonadida: Trichomonadidae). Poster presented at: 68th Annual Midwestern Conference of Parasitologists; June 9-11, 2016; Carbondale, IL.

Gurenlian JR, **Spolarich AE**. Stats, facts, myths and downright lies. Presented at: American Dental Hygienists' Association Center for Lifelong Learning 93rd Annual Session; June 8-14, 2016; Pittsburgh, PA.

Han D, **Young BA**. The root of audition in snakes. Poster presented at: Society for the Study of Amphibians and Reptiles Annual Joint Meeting of Ichthyologists and Herpetologists; July 6-10, 2016; New Orleans, LA.

Presentations and abstracts, continued

Hankemeier DA, **Welch Bacon CE**, Van Lunen BL. The comparison of professional undergraduate and entry-level master athletic training students' perceived ability levels in the six healthcare competencies. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S218.

Harrington KM [alum], **Valier AR**, Cameron KL, **Lam KC**. Commonly used patient-reported outcome measures in athletic training. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S228.

Hudman DA, Sargentini NJ. Detection of *Borrelia*, *Ehrlichia*, and *Rickettsia* spp. in ticks in Adair county of Northeast Missouri. Poster presented at: American Society for Microbiology Microbe 2016; June 16-20, 2016; Boston, MA.

Hudman DA, Sargentini NJ. Human pathogenic *Borrelia*, *Ehrlichia*, and *Rickettsia* spp. in ticks collected from Northeast Missouri. Poster presented at: 68th Annual Midwestern Conference of Parasitologists; June 9-11, 2016; Carbondale, IL.

Hussain MB [student], **Hudman DA, Sargentini NJ**. Effect of Fis deficiency on radiation survival of *Escherichia coli*. Poster presented at: American Society for Microbiology Microbe 2016; June 16-20, 2016; Boston, MA.

Huxel Bliven KC, Lam KC, Snyder Valier AR. Orthopedic special tests used by athletic trainers in diagnosing glenohumeral dislocations and subluxations: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S213.

Jhun M [student], Atluri M [student], Bajaj N [student], Brombach M [student], Cudmore A [student], McLean K [student], Mehta K [student], Motamarri S [student], VanMilligan C [student], Walker J [student], **Sultana M, Lewis JH**. Utilizing osteopathic manipulative treatment and mindfulness meditation interventions in patients to address the social determinant of health of stress in the urban Chicago area: a pilot study. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Johnson RS [student], **Valovich McLeod TC**, Kasamatsu TM, Register-Mihalik JK, Erickson CD [alum], **Welch Bacon CE**. The influence of athletic trainer employment on school administrators' perceived knowledge, confidence, and importance of adolescent concussion. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S219-S220.

Kasamatsu TK, **Valovich McLeod TC**, Register-Mihalik JK, Erickson CD [alum], Johnson RS [student], **Welch Bacon CE**. Perceptions of academic adjustments following adolescent concussion: comparison of school administrators with and without access to athletic trainers. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S225-S226. And poster presented at: Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium; July 12-16, 2016; Keauhou Bay, HI. *Free communications program: 1st place peer-reviewed track award winner.*

Lam KC. Integrating patient-rated outcome measures into routine patient care: overcoming common challenges and barriers. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD.

Lam KC, Snyder Valier AR, Bay RC. Changes in self-report of impairments, function and disability following sport-related knee injuries: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S142.

Lam KC, Valovich McLeod TC, Sauers EL. The Athletic Training Practice-Based Research Network: a national model for point-of-care sports injury and outcomes documentation to improve athlete health and wellness. Presented at: 22nd Americas Conference on Information Systems; August 11-14, 2016; San Diego, CA.

Lanuza M [student], Troxell T [student], Battin M. Starting a student-run free clinic from scratch: the Still Caring Health Connection project. Poster presented at: American Academy of Family Physicians National Conference of Family Medicine Residents and Medical Students; July 28-30, 2016; Kansas City, MO.

Presentations and abstracts, continued

Leahy G, Crowder T, Mayhew ML, **Brechue WF**. Effect of resistance training on the accuracy of the Army-175 test to estimate the 1RM bench press. Presented at: American College of Sports Medicine 63rd Annual Meeting; June 1-4, 2016; Boston, MA.

Louie A [student], McClain K [student], McCallum R [student], Rydberg J [student], Rork A [student], Kirk R [student], Pickard W [student], Kim P [student], Higgins A [student], Rud B [student], **Bansal S, Lewis JH**. Identifying barriers to continuation of a whole foods plant-based diet after completion of a workshop. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Loveland AL [student], **Singh VK, Chamberlain NR**. Characterization of *dnaK* mutation in persistence of *Staphylococcus aureus*. Poster presented at: American Society for Microbiology Microbe 2016; June 16-20, 2016; Boston, MA.

Lukacs T [student], Rival G [student], Canepa H [student], Gulati U [student], Zitnik E [student], Umali F [student], Charlie A [student], Dang M [student], Kodama R [student], Escobar P [student], **Grady L, Villanueva N, Gonzalez M, Martinez C, Lewis JH**. Effects of a guided education module on awareness and knowledge of contraception among Brooklyn adolescents. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Mani S [student], Kao J [student], Erickson D [student], Speakman Z [student], Haywood M [student], Davies M [student], Adams J [student], Quintero E [student], Shortall J [student], **Wagner R, Dixon C, Whelihan K, Lewis JH**. Effect of colorectal cancer education on compliance of fecal occult blood testing among El Rio Community Health Center patients. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Matthews E, McDaniel CS. Curriculum design and development: best practices in post-professional graduate programs. Presented at: 8th Annual International Conference on Education and New Learning Technologies; July 4-6, 2016; Barcelona, Spain.

Mayhew JL, **Brechue WF**, Arabas JL, Kersick CM. Changes in upper-body muscular strength are dependent on gender and training mode but are independent of fat-free mass. Presented at: American College of Sports Medicine 63rd Annual Meeting; June 1-4, 2016; Boston, MA.

Mayorga-Espichán MJ, Santiváñez-Monge LM, Prudencio-León WE, Palmieri PA [adjunct]. S.M.A.R.T. strategies for the prevention and control of infections in a polyvalent intensive care unit in resource constrained organizations. *Am J Infect Control*. 2016;44(6 suppl):S7-S8.

Metz NM, **Huxel Bliven KC, Bay RC, Sauers EL**. The relationship between pitching participation and volume variables on the Functional Arm Scale for Throwers[®] (FAST[®]) scores in baseball pitchers. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train*. 2016;51(6 suppl):S85-S86.

Morgan C, Navarro I. Factors that influence a family medicine resident's decision to seek employment in a CHC. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Nelson CP [alum], **Snyder Valier AR, Huxel Bliven KC, Lam KC**. Assessment patterns of athletic trainers who diagnose knee sprains: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train*. 2016;51(6 suppl):S208.

Ramaraj P. Differential effects of dehydroepiandrosterone (DHEA) between mouse and human melanoma cell lines. Presented at: 2nd Global Summit on Hormones and Endocrine Disorders; June 27-29, 2016; New Orleans, LA. Abstract published in: *J Steroids Horm Sci*. 2016;7(2 suppl):42.

Ramaraj P. In-vitro determination of the protective function of progesterone in melanoma using mouse and human melanoma cell models. Presented at: 2nd Global Summit on Hormones and Endocrine Disorders; June 27-29, 2016; New Orleans, LA. Abstract published in: *J Steroids Horm Sci*. 2016;7(2 suppl):24.

Presentations and abstracts, continued

Sanchez M [alum], Cardenas JF, **Welch Bacon CE**, **Bay RC**, Christopherson RM, **Valovich McLeod TC**. Interscholastic athletes have favorable attitudes towards concussion reporting upon completion of a concussion education program. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S220.

Sauers EL, **Anderson BE**, **Welch Bacon CE**. Athletic trainers' perceptions of the primary characteristics of clinicians engaged in advanced clinical practice. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S184-S185.

Shumaker LM [student], **Valovich McLeod TC**, Kay MC [alum], McLeod IA [adjunct], Weber ML [alum], Hixson KM [student], Kennan G, **Welch Bacon CE**. Physician assistants' familiarity and perceptions of academic adjustments for adolescent athletes following sport-related concussion. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S222.

Sin T [student], Corry R [student], Doan T [student], Herrera C [student], Hoard R [student], Hutchinson S [student], LeBeau J [student], Mistretta A [student], Rumsey D [student], Suwak P [student], **Robinson K**, **Whelihan K**, **Lewis JH**. Colorectal cancer screening at Unity Health Care: a survey analysis of medical team perceptions regarding barriers to compliance. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Sin T [student], Corry R [student], Doan T [student], Herrera C [student], Hoard R [student], Hutchinson S [student], LeBeau J [student], Mistretta A [student], Rumsey D [student], Suwak P [student], **Robinson K**, **Whelihan K**, **Lewis JH**. Colorectal cancer screening at Unity Health Care: an electronic medical record investigation into reported compliance rates. Poster presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Sin T [student], Corry R [student], Doan T [student], Herrera C [student], Hoard R [student], Hutchinson S [student], LeBeau J [student], Mistretta A [student], Rumsey D [student], Suwak P [student], **Robinson K**, **Whelihan K**, **Lewis JH**. Methods for improving community health center colorectal cancer screening and reporting with physician groups at Unity Health Care in Washington, D.C. Presented at: National Association of Community Health Centers Community Health Institute and Expo; August 28-30, 2016; Chicago, IL.

Snyder Valier AR, **Huxel Bliven KC**, **Lam KC**. Common orthopaedic special tests used for diagnosing ankle sprains in athletes: a report from the Athletic Training Practice-Based Research Network. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S212.

Spolarich AE. Interprofessional educational training improves pharmacists' ability to counsel older adults. Poster presented at: American Dental Hygienists' Association Center for Lifelong Learning 93rd Annual Session; June 8-14, 2016; Pittsburgh, PA.

Spolarich AE. Pharmacists' experiences with counseling older adults about oral health. Poster presented at: International Federation of Dental Hygienists International Symposium on Dental Hygiene; June 23-26, 2016; Basel, Switzerland.

Takehima N, Kohama T, Kusunoki M, Ogayu T, Okada S, Fujita E, Islam MM, **Brechue WF**. Development of objective ADL assessment particularly in frail older adults using a Kinect sensor. Presented at: World Congress on Active Ageing 2016; June 28-July 1, 2016; Melbourne, Australia. Abstract published in: *J Aging Phys Act.* 2016;24(suppl):S41.

Theobald RJ, Reuben J, Peffley D. Developing a discipline-based problem solving set for one medical science to broader applications. Presented at: 20th Annual International Association of Medical Science Educators Meeting; June 4-7, 2016; Leiden, The Netherlands.

Tierney DK [alum], Kay MC [alum], Weber ML [alum], **Valovich McLeod TC**, **Welch Bacon CE**. School nurses' perceived role in communication and collaboration as a member of the concussion management team at the secondary school level. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: *J Athl Train.* 2016;51(6 suppl):S224.

Presentations and abstracts, continued

Valovich McLeod TC, Lewis JH, Whelihan K, Welch Bacon CE. The utilization and effectiveness of physical and cognitive rest following concussion: a systematic review of the literature. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: J Athl Train. 2016;51(6 suppl):S226.

Wagner AJ [alum], **Welch Bacon CE**, Parsons JT [adjunct], **Valovich McLeod TC.** Adolescent athletes' perceptions of health-related quality of life following a sport-related concussion. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD. Abstract published in: J Athl Train. 2016;51(6 suppl):S180.

Welch Bacon CE. Assessing educational outcomes for continuous quality advancement. Presented at: National Athletic Trainers' Association 67th Clinical Symposia; June 22-25, 2016; Baltimore, MD.

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Sorry we missed you last time

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