

# ATSU RESEARCH

A newsletter produced by Research Support

*Image (nerve fibers near a putative muscle spindle) courtesy of Dr. Keith Elmslie and Dr. Ranuka Ramachandra*

*“Scientific research involves going beyond the well-trodden and well-tested ideas and theories that form the core of scientific knowledge.”*

*~Lisa Randall*

## Publications

Baik UB [visiting adjunct], Kim MR, Yoon KH, Kook YA [visiting adjunct], **Park JH**. Orthodontic uprighting of a horizontally impacted third molar and protraction of mandibular second and third molars into the missing first molar space for a patient with posterior crossbites. *Am J Orthod Dentofacial Orthop.* 2017;151(3):572-582. [Link](#).

**Chang Y**, Robidoux J. Dyslipidemia management update. *Curr Opin Pharmacol.* 2017;33:47-55. [Link](#).

Gautam RP [alum], Shah D, **Matthews E**. Knowledge and beliefs about cancer in African American population. *J Health Dispar Res Pract.* 2017;10(1):4. [Link](#).

Gilmore GD, Connell DB, Taub A, **Olsen LK**. Population-based cross-sectional research: salient processes, rationale, and insights from the National Health Educator Competencies Update Project. *SAGE Res Methods Cases Part 2.* April 2017. [Link](#).

Global Burden of Disease Cancer Collaboration, Fitzmaurice C, Allen C, Barber RM, Barregard L, Bhutta ZA, ... Radfar A [student], et al. Global, regional, and national cancer incidence, mortality, years of life lost, years lived with disability, and disability-adjusted life-years for 32 cancer groups, 1990 to 2015: a systematic analysis for the Global Burden of Disease Study. *JAMA Oncol.* 2017;3(4):524-548. [Link](#).

**Goldstein LB**, **Heath D**, **Troncoso V**, **Shoup D**, Vahdatinia R [student]. Myofascial pain: overview of treatment options. *Pract Pain Manag.* 2017;17(4):39-44. [Link](#).

**Goldstein LB**, Lymberopoulos G [student]. Changing opioid prescribing patterns for post-extraction dental pain. *Pract Pain Manag.* May 2017. [Link](#).

**Goldstein LB**, Lymberopoulos G [student], Marsh A [student]. Integrative management of acute and post-operative dental pain. *Adv Dent Oral Health.* 2017;4(3):555632. [Link](#).

**Goldstein LB**, Marsh A [student]. Examining interprofessional collaboration: there is no “I” in “healthcare team.” *Otolaryngol (Sunnyvale).* 2017;7(2):303. [Link](#).

## Publications, continued

---

**Goldstein LB, Troncoso VA, Heath D, Vahdatinia R** [student]. Gum bacteria now linked to RA. *Pract Pain Manag*. March 2017. [Link](#).

**Huxel Bliven KC, Snyder Valier AR, Bay RC, Sauers EL**. The Functional Arm Scale for Throwers (FAST). Part II: reliability and validity of an upper extremity region-specific and population-specific patient-reported outcome scale for throwing athletes. *Orthop J Sports Med*. 2017;5(4):2325967117700019. [Link](#).

Jackson TNW, **Young B**, Underwood G, McCarthy CJ, Kochva E, Vidal N, van der Weerd L, Nabuurs R, Dobson J, Whitehead D, Vonk FJ, Hendrikx I, Hay C, Fry BG. Endless forms most beautiful: the evolution of ophidian oral glands, including the venom system, and the use of appropriate terminology for homologous structures. *Zoomorphology*. 2017;136(1):107-130. [Link](#).

Jang KS, Bayome M, **Park JH**, Park KH, Moon HB, Kook YA [visiting adjunct]. A three-dimensional photogrammetric analysis of the facial esthetics of the Miss Korea pageant contestants. *Korean J Orthod*. 2017;47(2):87-99. [Link](#).

Jones BW [alum], Bernstein C. Palliative care triggers in the intensive care unit: a pilot success story. *Dimens Crit Care Nurs*. 2017;36(2):106-109. [Link](#).

Kibrik P, Victory JM, Goldstein MA, **Goldstein LB**. Differences in pain management of peripheral vascular disease and peripheral artery disease. *Pract Pain Manag*. 2017;17(2):56-60. [Link](#).

Kollmann E, **Cleaver D, Cleaver L**, Cleaver J. Regression of nevi after *Candida* injection for the treatment of verruca vulgaris. *Pediatr Dermatol*. 2017;34(2):199-200. [Link](#).

**Kondrashov P**, McDaniel DJ [student], Jordan RM. Premedical anatomy experience and student performance in medical gross anatomy. *Clin Anat*. 2017;30(3):303-311. [Link](#).

Li W, Reeb AN, Lin B, Subramanian P [student], Fey EE, Knoverek CR, French RL, Bigio EH, Ayala YM. Heat shock-induced phosphorylation of TAR DNA-binding protein 43 (TDP-43) by MAPK/ERK kinase regulates TDP-43 function. *J Biol Chem*. 2017;292(12):5089-5100. [Link](#).

Mani K, **Brechue WF**, Friesenbichler B, Maffiuletti NA. Validity and reliability of a novel instrumented one-legged hop test in patients with knee injuries. *Knee*. 2017;24(2):237-242. [Link](#).

**Ostrowski TD**, Dantzler HA, Polo-Parada L, Kline DD. H<sub>2</sub>O<sub>2</sub> augments cytosolic calcium in nucleus tractus solitarius neurons via multiple voltage-gated calcium channels. *Am J Physiol Cell Physiol*. 2017;312(5):C651-C662. [Link](#).

**Park JH**, Putrus RR [alum], **Pruzansky DP**, Grubb J [adjunct]. Evaluation of American Board of Orthodontics certification protocols in postgraduate orthodontic programs in the United States and Canada. *Am J Orthod Dentofacial Orthop*. 2017;151(3):463-470. [Link](#).

**Park JH**, Yu J [alum], Bullen R [alum]. Camouflage treatment of skeletal Class III malocclusion with conventional orthodontic therapy. *Am J Orthod Dentofacial Orthop*. 2017;151(4):804-811. [Link](#).

**Perry MM, Howell S**, Patel N. Protocols for treating patients with end-stage renal disease: a survey of nephrology fellowships. *Spec Care Dentist*. 2017;37(2):57-61. [Link](#).

**Pettit RK, Kinney M, McCoy L**. A descriptive, cross-sectional study of medical student preferences for vodcast design, format and pedagogical approach. *BMC Med Educ*. 2017;17(1):89. [Link](#).

## Publications, continued

---

Register-Mihalik J, Baugh C, Kroshus E, Kerr ZY, **Valovich McLeod TC**. A multifactorial approach to sport-related concussion prevention and education: application of the socioecological framework. *J Athl Train*. 2017;52(3):195-205. [Link](#).

Register-Mihalik JK, **Valovich McLeod TC**, Linnan LA, Guskiewicz KM, Marshall SW. Relationship between concussion history and concussion knowledge, attitudes, and disclosure behavior in high school athletes. *Clin J Sports Med*. 2017;27(3):321-324. [Link](#).

Romero HK, Christensen SB, Di Cesare Mannelli L, Gajewiak J, **Ramachandra R, Elmslie KS**, Vetter DE, Ghelardini C, Iadonato SP, Mercado JL, Olivera BM, McIntosh JM. Inhibition of  $\alpha 9\alpha 10$  nicotinic acetylcholine receptors prevents chemotherapy-induced neuropathic pain. *Proc Natl Acad Sci U S A*. 2017;114(10):E1825-E1832. [Link](#).

**Sauers EL, Bay RC, Snyder Valier AR**, Ellery T [alum], **Huxel Bliven KC**. The Functional Arm Scale for Throwers (FAST). Part I: the design and development of an upper extremity region-specific and population-specific patient-reported outcome scale for throwing athletes. *Orthop J Sports Med*. 2017;5(3):2325967117698455. [Link](#).

**Theobald RJ Jr**. Role of centrally active cardiovascular agents in cognitive disorders. *Curr Opin Pharmacol*. 2017;33:70-75. [Link](#).

**Valovich McLeod TC, Lewis JH, Whelihan K, Welch Bacon CE**. Rest and return to activity after sport-related concussion: a systematic review of the literature. *J Athl Train*. 2017;52(3):262-287. [Link](#).

**Van Duyne IM**. A preliminary study of online doctoral student scores and the self-directed learning readiness scale. *Int J Self Dir Learn*. 2017;14(1):1-16. [Link](#).

**Welch Bacon CE**, Weber ML [alum], Kay MC [alum], **Valovich McLeod TC**. Assessing school nurses' experiences with comprehensive concussion management: using multimethodologies to collect meaningful data. *SAGE Res Methods Cases Part 2*. March 2017. [Link](#).

Zahid P, Kao J, **Goldstein LB**. Managing cancer-related pain: a look at alternate approaches. *Pract Pain Manag*. 2017;17(3):43-46. [Link](#).

## Presentations and abstracts

---

**Ahmad Z**. Significance of charged residues in the catalytic sites of *Escherichia coli* ATP synthase. Poster presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL. Abstract published in: *FASEB J*. 2017;31(1 suppl):603.7.

**Allgood J, Ratto L, Whelihan K, Obadia S, Lewis JH**. Addressing health disparities in medical education. Presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

Amini A [alum], **Ahmad Z**. ATP synthase: a molecular drug target for olive oil constituent tyrosol and its analogs. Presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL. Abstract published in: *FASEB J*. 2017;31(1 suppl):921.5.

Bachus V [student], **Dishman L**. Employee engagement and organizational performance. Presented at: 2017 Industry Studies Conference; May 24-26, 2017; Washington, DC.

## Presentations and abstracts, continued

---

**Chamberlain NR, Sexton PS, Hardee MR, Baer RW.** Creation of physician-mentored patient rounds (PMPR) to observe pre-clinical medical students' ability to perform Entrustable Professional Activities 1-4. Poster presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

**Chamberlain NR, Sexton PS, Hardee MR, Baer RW.** Use of physician-mentored patient rounds (PMPR) to observe pre-clinical medical students' ability to perform Entrustable Professional Activities 1-4. Poster presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

**Chang Y.** The possible role of MCP1 in hyperinsulemia-enhanced vascular injury-induced stenosis. Poster presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL.

Chen RA [student], **Chang Y.** Role of MCP1 in high insulin-related endothelial cell dysfunction. Poster presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL.

Dewald L, Olivetto A [student]. Changing the attitudes, behaviors, and perceptions of driving and texting by teen drivers through awareness and education. Poster presented at: Society for Public Health Education 68th Annual Conference; March 30-April 1, 2017; Denver, CO.

**DiBaise M, Babcock E.** The impact of longitudinal outreach activities on physician assistant students' knowledge, skills, and attitudes of oral health. Poster presented at: American Academy of Physician Assistants 2017 Conference; May 15-19, 2017; Las Vegas, NV.

**DiBaise M, Harrell SL.** RIA: putting research into action—advancing treatment. Presented at: American Academy of Physician Assistants 2017 Conference; May 15-19, 2017; Las Vegas, NV.

**DiBaise M, Harrell SL.** SHOW—Student Health Outreach for Wellness: an innovative interdisciplinary, inter-institutional student run free clinic for the homeless. Poster presented at: American Academy of Physician Assistants 2017 Conference; May 15-19, 2017; Las Vegas, NV.

**DiBaise M, Tshuma L, Ryujin D, LeLacheur S.** Diversity, discrimination, abuse and attrition in PA education. Poster presented at: American Academy of Physician Assistants 2017 Conference; May 15-19, 2017; Las Vegas, NV.

**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. Presented at: 2017 Conference of the Michigan Academy of Science, Arts and Letters; March 10, 2017; Kalamazoo, MI.

**Dishman L.** Patient experience and financial performance of United States hospitals: a longitudinal analysis of 1,377 for-profit, non-profit, and governmental hospitals. Presented at: 9th Annual Forum on Advances in Healthcare Management Research/American College of Healthcare Executives 2017 Congress on Healthcare Leadership; March 27-30, 2017; Chicago, IL.

**Dishman L.** Patient experience impacts financial performance of United States for-profit, non-profit, and governmental hospitals differently: evidence from a longitudinal national study. Presented at: 2017 Industry Studies Conference; May 24-26, 2017; Washington, DC.

**Duong ML.** Electronic nicotine delivery systems: the good, the bad and the unknown. Presented at: 29th Annual Meeting on Special Care Dentistry; March 10-12, 2017; Charlotte, NC.

**Duong ML.** Fellows' presentation from summer program for emerging academic leaders. Presented at: 2017 American Dental Education Association Annual Session; March 18-21, 2017; Long Beach, CA.

## Presentations and abstracts, continued

---

**Duong ML.** Horizontal and vertical students teams in a group practice model. Poster presented at: 2017 American Dental Education Association Annual Session; March 18-21, 2017; Long Beach, CA.

**Duong ML.** Integrating social workers to maximize financial assistance in patient care. Poster presented at: 2017 American Dental Education Association Annual Session; March 18-21, 2017; Long Beach, CA.

Ebel DL [fellow], Torkilsen CG [student], **Ostrowski TD.** Blunted respiratory responses in the STZ-induced rat model of Alzheimer's disease. Poster presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL.

Ernest TL [alum], **Kondrashov P.** The role of obesity and meniscal instability in the progression of osteoarthritis. Poster presented at: Osteoarthritis Research Society International (OARSI) 2017 World Congress; April 27-30, 2017; Las Vegas, NV.

**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? Presented at: 2017 Conference of the Michigan Academy of Science, Arts and Letters; March 10, 2017; Kalamazoo, MI.

Filali N, **Valovich McLeod TC, Welch Bacon CE,** Bellini G, Amaddeo P, Cornali C. Association between concussion history and knowledge among Italian youth soccer athletes. *Br J Sports Med.* 2017;51(11):e13-14.

Fitterling L, **Sidwell JL.** Voices in the choir: librarians helping to move osteopathic research forward. Poster presented at: Medical Library Association 117th Annual Meeting; May 26-31, 2017; Seattle, WA.

Gardiner AM, Cuchna JW, Walker SE, Clines SH, **Welch Bacon CE,** Van Lunen BL. Student perceptions of standardized patient use in athletic training education. Poster presented at: 2017 Mid-Atlantic Athletic Trainers' Association Annual Symposium; May 19-21, 2017; Virginia Beach, VA.

**Gold JT.** Effectiveness of e-learning in teaching evidence-based dentistry. Poster presented at: Association for Dental Education in Europe/American Dental Education Association 2017 Joint Meeting; May 8-9, 2017; London, England.

**Goldstein LB.** Improving rural health through clinical training at community health centers. Presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

**Goldstein LB. Troncoso V,** Vahdatinia R [student]. Improving whole person healthcare through IPE. Poster presented at: 2017 American Dental Education Association Annual Session; March 18-21, 2017; Long Beach, CA.

Ha ML, Kasamatsu TM, **Valovich McLeod TC,** Register-Mihalik JK, **Welch Bacon CE.** The influence of prior concussion history on teachers' knowledge and confidence in the secondary school setting. Poster presented at: 2017 Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium; April 27-30, 2017; Las Vegas, NV.

**Halupa C.** You ANA convert to CANvas! Presented at: 2017 CanvasCon; March 13, 2017; Dallas, TX.

**Hammers ME, Stuart MK.** Regulation of protein synthesis in *Trichomonas vaginalis* by tetracycline. Poster presented at: 2017 Joint Meeting of the Missouri and Missouri Valley Branches of the American Society for Microbiology; March 17-18, 2017; Springfield, MO.

Hankemeier DA, **Welch Bacon CE.** Athletic trainers as health care providers in the current medical landscape. Presented at: Great Lakes Athletic Trainers' Association 49th Annual Meeting and Symposium; March 8-11, 2017; Chicago, IL.

## Presentations and abstracts, continued

---

Hassan SM, Al-Eyd G, Thomann C, **Ahmad Z**. Effect of cyclophosphamide on the rat urinary bladder and the possible protective role of thymoquinone. Presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL. Abstract published in: FASEB J. 2017;31(1 suppl):899.2.

Hawkins R, **Lewis JH**, Lomis KD. An update on the AMA's Accelerating Change in Medical Education initiative: addressing and assessing the emerging third science in UME—health systems science. Presented at: Association for Hospital Medical Education 2017 Institute; May 10-12, 2017; New Orleans, LA.

Hohenbery T [student], Miller A [student], **Ramaraj P**. In-vitro study to determine the protective functions of progesterone in melanoma based on mouse and human melanoma cell models. Poster presented at: 99th Annual Endocrine Society Meeting; April 1-4, 2017; Orlando, FL.

Holladay C [student], Lemieux DJ [student], **Patel SB**. Direct oral anticoagulants (DOACs) and postoperative bleeding complications after invasive dental procedures. Poster presented at: 2017 American Academy of Oral Medicine Annual Conference; April 4-8, 2017; Orlando, FL.

**Howell S**. Breaking down silos: integrating dentistry into the medical clinic. Presented at: 29th Annual Meeting on Special Care Dentistry; March 10-12, 2017; Charlotte, NC.

**Ikonne U, Campbell A, Whelihan K, Bay C, Lewis JH**. Lecture capture technology, study attendance and academic performance. Poster presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

Kasamatsu TK, **Valovich McLeod TC**, Register-Mihalik JK, **Welch Bacon CE**. Concussion education associated with teachers' increased familiarity with and recommendation of academic adjustments for adolescents post-concussion. Poster presented at: 2017 Far West Athletic Trainers' Association Annual Meeting and Clinical Symposium; April 27-30, 2017; Las Vegas, NV. *Free Communications Program 2nd place peer-reviewed track award winner*

Krob J [student]. A way with words: using tailored provider-patient communication to advance oral health literacy and equity. Poster presented at: Society for Public Health Education 68th Annual Conference; March 30-April 1, 2017; Denver, CO.

**LeBeau L, Morgan C**. The design and implementation of an OMM mini-CEX. Presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

**Line D, Turner A, Smith MK**. Unintentional injuries and opioid use in the rural United States. Presented at: National Rural Health Association Annual Rural Health Conference; May 9-12, 2017; San Diego, CA

**Line D, Turner A, Smith MK**. Water crisis: a social and environmental justice issue. Presented at: National Rural Health Association Health Equity Conference; May 9, 2017; San Diego, CA.

Liu M [alum], **Ahmad Z**. Understanding the link between antimicrobial properties of safranal and microbial ATP synthase. Presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL. Abstract published in: FASEB J. 2017;31(1 suppl):921.6.

**McCoy L, Simon H, Bennett T, Lewis JH**. An interprofessional patient case designed for community health. Presented at: Joint American Association of Colleges of Osteopathic Medicine and Association of Osteopathic Directors and Medical Educators 2017 Annual Conference; April 26-29, 2017; Baltimore, MD.

## Presentations and abstracts, continued

---

**Mehta Z.** The clinical challenge of diagnosing and managing central auditory processing disorder. Presented at: 2017 Arizona Speech-Language-Hearing Association Annual State Convention; April 28-29, 2017; Tucson, AZ.

Mittermiller PA, Sethi H [student], Johns D, Baylan J, Lorenz HP, Khosla RK. Nasal lining flaps for closure of the nasal floor in unilateral and bilateral cleft lip and palate repairs reduces the rate of alveolar fistula formation. Presented at: California Society of Plastic Surgeons 67th Annual Meeting; May 26-29, 2017; San Francisco, CA.

Nachtrab SN [student], **Hudman DA**, Hiatt JL [alum], Seo J, Pullen SJ [alum], **Sargentini NJ**, **Stuart MK**. Fine epitope mapping of monoclonal antibodies to the DNA repair protein, RadA. Poster presented at: 2017 Joint Meeting of the Missouri and Missouri Valley Branches of the American Society for Microbiology; March 17-18, 2017; Springfield, MO.

**Nenad MW**, **Halupa C**, **Spolarich AE**, Gurenlian JR. A dental radiography checklist as a tool for quality improvement. Poster presented at: Association for Dental Education in Europe/American Dental Education Association 2017 Joint Meeting; May 8-9, 2017; London, England.

Okpala P [alum]. Critical evaluation of the influence of leader personality and culture on staff nurse retention. Presented at: American College of Healthcare Executives Congress on Healthcare Leadership 2017; March 27-30, 2017; Chicago, IL.

Okpala P [alum]. Management of workload in blended and online teaching: strategies to avoid online work overflow. Presented at: Online Learning Consortium Innovate 2017; April 5-7, 2017; New Orleans, LA.

**Patel S.** Mucous membrane pemphigoid: an overview of etiology, diagnosis, and management. Presented at: 29th Annual Meeting on Special Care Dentistry; March 10-12, 2017; Charlotte, NC.

**Perry M**, **Howell S.** Antibiotic prophylaxis protocols for treating patients with end-stage renal disease: results of a three part study. Presented at: 29th Annual Meeting on Special Care Dentistry; March 10-12, 2017; Charlotte, NC.

**Perry M**, Schaffer R [adjunct], **Spolarich A.** INR testing at the point of care delivery. Poster presented at: International Association for Dental Research 95th General Session; March 22-25, 2017; San Francisco, CA.

Rana B [resident], Velasquez T [student], **Duong ML**, **Perry M.** Exposure of pre-clinical dental students to patients with special needs. Poster presented at: 29th Annual Meeting on Special Care Dentistry; March 10-12, 2017; Charlotte, NC. *Third place in student poster competition*

**Roehling T**, Rigney C [adjunct]. Measuring interrecti distance to screen for diastasis recti abdominis (DRA). Presented at: Arizona Physical Therapy Association 2017 Spring Conference; May 5-6, 2017; Phoenix, AZ.

**Roush J.** Five quick and easy tests for screening older adults. Presented at: Arizona Physical Therapy Association 2017 Spring Conference; May 5-6, 2017; Phoenix, AZ.

**Roush J.** Review of biomechanics for physical therapists: or is that torque clockwise or counterclockwise? Presented at: Arizona Physical Therapy Association 2017 Spring Conference; May 5-6, 2017; Phoenix, AZ.

Sethi HK [student], Quezada C. Coccidioidomycosis meningitis: more than just a headache. Presented at: American Medical Women's Association 102nd Anniversary Meeting; March 31-April 2, 2017; San Francisco, CA.

Shalom S [student], **Mehta Z**, Darland J, Kennison A. Trisomy 13 mosaicism with ring chromosome 13: a case study. Poster presented at: AudiologyNOW! 2017; April 5-8, 2017; Indianapolis, IN.

## **Presentations and abstracts, continued**

---

**Shanti SD.** Health behavior: population-based perspectives and barriers to change. Presented at: International Association for Dental Research 95th General Session; March 22-25, 2017; San Francisco, CA.

**Spolarich AE.** Increasing patient engagement: tools for modifying oral health behaviors. Presented at: International Association for Dental Research 95th General Session; March 22-25, 2017; San Francisco, CA.

**Spolarich AE.** Training pharmacists to counsel older adults about oral health. Poster presented at: International Association for Dental Research 95th General Session; March 22-25, 2017; San Francisco, CA.

Taylor C [student]. Defining synthetic heparan sulfate structures that increase progenitor cell expansion. Poster presented at: International Association for Dental Research 95th General Session; March 22-25, 2017; San Francisco, CA.

Thomas K [student], **Dishman L, Fick J.** Examining the relationship among hospitalist continuing education, hospitalist communication competency, and stroke patient outcomes. Presented at: 2017 Conference of the Michigan Academy of Science, Arts and Letters; March 10, 2017; Kalamazoo, MI.

**Valovich McLeod TC, Lewis JH, Whelihan K, Welch Bacon CE.** Compliance with and effectiveness of return-to-activity progressions following concussion: a systematic review of the literature. *Br J Sports Med.* 2017;51(11):e39.

**Valovich McLeod TC,** Wagner AJ [alum], Parsons JT, **Welch Bacon CE.** Adolescent athletes' social perspectives following a sport-related concussion. *Br J Sports Med.* 2017;51(11):e46.

**Welch Bacon CE,** Register-Mihalik JK, Kasamatsu TM, **Valovich McLeod TC.** A comparison of healthcare professional and school personnel perceptions and familiarity of academic adjustments for concussed adolescents. *Br J Sports Med.* 2017;51(11):e13.

Wilbers J [student], **Dishman L.** Electronic health records and stroke patients' experience: a case study of an award-winning Midwestern acute care hospital. Presented at: 2017 Industry Studies Conference; May 24-26, 2017; Washington, DC.

Yang C [student], Deaton E [student], **Chang Y.** Age-related lipid profile changes in MCP1 deficient mice. Poster presented at: Experimental Biology 2017; April 22-26, 2017; Chicago, IL.

## **Sorry we missed you last time**

---

Aboul-Enein BH, **Bernstein J,** Bowser JE. Peer-reviewed public health journals from Arabic-speaking countries: an updated snapshot. *J Public Health Policy.* 2017;38(1):146-157. [Link.](#)

Coffey J [student], Choudhry M [student], **Shlossman M, Makin I, Singh VK.** Multiplex real-time PCR detection and relative quantification of periodontal pathogens. *Clin Exp Dent Res.* 2016;2(3):185-192. [Link.](#)

Nakagami G, Schultz G, Gibson DJ, **Phillips P,** Kitamura A, Minematsu T, Miyagaki T, Hayashi A, Sasaki S, Sugama J, Sanada H. Biofilm detection by wound blotting can predict slough development in pressure ulcers: a prospective observational study. *Wound Repair Regen.* 2017;25(1):131-138. [Link.](#)

Okpala P [alum]. Strategies towards enhancing student's motivation in online teaching and learning. Presented at: Lilly Conference on Evidence-Based Teaching and Learning; February 23-26, 2017; Anaheim, CA.