



*“In much of society, research means to investigate something you do not know or understand.” ~Neil Armstrong*

## Publications

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Anderson DL [student], **Alexander JL**. [Physician assistant students’ perception of online didactic education: a cross-sectional study](#). Cureus. 2023;15(1):e33833.

Blevins M [student]. [Atypical ulcerative necrobiosis lipoidica diabetorum: a case study](#). Int J Low Extrem Wounds. 2023;22(1):185-189.

Bouton M [student], Halasy M [adjunct]. [Characteristics of highly prolific PA authors who contributed research to JAAPA and JPAE](#). JAAPA. 2023;36(3):37-41.

**Chang KJ**, Mumford JH, Long A, Ton VH. [Vestibular tunnel approach in restoring non-carious cervical lesion gingival recessions with combination of bioceramics and collagen matrix: a case report with a 1-year follow-up](#). Clin Adv Periodontics. 2023;13(1):56-61.

Choi SK, **Park JH**, Chae JM [visiting scholar], Chang NY, Kang KH. [A CBCT evaluation of the proximity of mandibular molar roots and lingual cortical bone in various vertical facial patterns and factors related to root-cortical bone contact](#). Appl Sci. 2023;13(6):3444.

Duarte VE, Yousefzai R [student], Singh MN. [Genetically triggered thoracic aortic disease: who should be tested?](#) Methodist Deakey Cardiovasc J. 2023;19(2):24-28.

Garcia-Contreras R, Chavez-Granados PA, Jurado CA, Aranda-Herrera B, Afrashtehfar KI, **Nurrohman H**. [Natural bioactive epigallocatechin-gallate promote bond strength and differentiation of odontoblast-like cells](#). Biomimetics (Basel). 2023;8(1):75.

Ghosh D, Salinas CM, Pallod S, Roberts J, **Makin IRS**, Yaron JR, Witte RS, Rege K. [Temporal evaluation of efficacy and quality of tissue repair upon laser-activated sealing](#). Bioeng Transl Med. 2023;8(2):e10412.

**Harris NA**, Eberman LE. [Board of Certification examination achievement gaps as a barrier to diversifying the athletic training profession](#). J Athl Train. 2023;58(1):1-8.

## Publications, continued

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Hickman KA, Brooks BA, Cooper CM. [Evolving abortion laws require increased integration of legal education into medical education curriculum](#). J Physician Assist Educ. 2023;34(1):76-79.

Humphrey CM, Hooker JW IV [student], Thapa M, Wilcox MJ, Ostrowski D, Ostrowski TD. [Synaptic loss and gliosis in the nucleus tractus solitarii with streptozotocin-induced Alzheimer's disease](#). Brain Res. 2023;1801:148202.

Kamal O, Sy E [alum], Chernyak V, Gupta A, Yaghmai V, Fowler K, Karampinos D, Shanbhogue K, Miller FH, Kambadakone A, Fung A. [Optional MRI sequences for LI-RADS: why, what, and how?](#) Abdom Radiol (NY). 2023;48(2):519-531.

Khan A [student], Tidman MM [adjunct]. [Gender inequality in developing countries: a multifactorial review](#). J Soc Polit Sci. 2023;6(1):151-162.

Kim S, Lee NK, Park JH, Ku JH, Kim Y, Kook YA, Chou AHK, Vaid NR. [Authors' response](#). Am J Orthod Dentofacial Orthop. 2023;163(2):145.

Knight AP, Rea M, Allgood JA, Sciolla AF, Haywood A, Stephens MB, Rajasekaran S. [Bringing needed change to medical student well-being: a call to expand accreditation requirements](#). Teach Learn Med. 2023;35(1):101-107.

Lam KC, Marshall AN [alum], Holland B [alum], Bay RC, Wikstrom EA, Snyder Valier AR. [Patients experience significant and meaningful changes in self-report of function during the first 2 weeks after an ankle sprain injury: a report from the Athletic Training Practice-Based Research Network](#). J Sport Rehabil. 2023;32(2):117-123.

Lee NK, Kim SH, Park JH, Son DW, Choi TH. [Comparison of treatment effects between two types of facemasks in early Class III patients](#). Clin Exp Dent Res. 2023;9(1):212-218.

Lewis JH, Appikatla S, Anderson E, Glaser K, Whisenant EB. [The Primary Care Transformation Executive Fellowship to develop community health center leaders](#). Adv Med Educ Pract. 2023;14:123-136.

Liaw JLL, Park JH. [Total arch distalization with extraalveolar miniscrews for nonextraction treatment of a patient with low-angle Class II Division 1 malocclusion: a 10-year follow-up](#). Am J Orthod Dentofacial Orthop Clin Companion. 2023;3(1):43-54.

Love AN [student], Palmer B. [Presentation and management of a novel Ehlers-Danlos COL5A1 variant with Birt-Hogg-Dube syndrome: a case study](#). Cureus. 2023;15(3):e35866.

Memar SA [student], Taylor AM, Ahuja S, Daly DT, Tan Y. [Rare left colic artery variation of the gut arterial system](#). Folia Morphol (Warsz). 2023;82(1):198-204.

Mezghani N, Yao A, Vasilyeva D, Kaplan N, Shackelford A, Yoon A, Philipone E, Dubey S, Schwartz GK, Taylor AM, Momen-Heravi F. [Molecular subtypes of head and neck cancer in patients of African ancestry](#). Clin Cancer Res. 2023;29(5):910-920.

Moon D, Park JH, Lee KC, Lee SM, Kim JC, Shin S, Lee GH. [3D Virtual patient in dentistry: dental avatar](#). Clin J Korean Assoc Orthod. 2023;13(1):78-90.

Morehouse ZP, Chance N [student], Ryan GL, Proctor CM, Nash RJ. [A narrative review of nine commercial point of care influenza tests: an overview of methods, benefits, and drawbacks to rapid influenza diagnostic testing](#). J Osteopath Med. 2023;123(1):39-47.

## **Publications, continued**

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Ngatuvai M, Yeager M, Newsome K, Khan A, Concepcion J [student], Kornblith L, Elkbuli A. [Analysis of surgical residents' salaries and associated funding during eight residency training cycles: toward improving future residents' benefits and compensation](#). J Surg Res. 2023;281:70-81.

Okuhashi S, **Papademetriou M**, Tai K [visiting scholar], **Park JH**. [Anchor-Lock System Double-Y for post-SARPE retention and simultaneous molar distalization](#). J Clin Orthod. 2023;57(2):110-118.

Paik CH, Ahn HW, Yu H, **Park JH**. [Orthodontic retreatment for vertical control in a patient with skeletal Class II long face](#). Am J Orthod Dentofacial Orthop Clin Companion. 2023;3(1):30-42.

**Park JH**, Park TH, Kook YA. [A modified C-palatal plate as a skeletal anchorage appliance for efficient molar distalization](#). J Calif Dent Assoc. 2023;51(1):2193371.

Pendlebury GA, Oro P [student], Ludlow K, Merideth D [student], Haynes W [student], Shrivastava V. [Relevant dermatoses among US military service members: an operational review of management strategies and telemedicine utilization](#). Cureus. 2023;15(1):e33274.

Peterson S [adjunct]. [Digital physical therapy practice and payment during the COVID-19 pandemic: a case series](#). Physiother Theory Pract. 2023;39(2):469-478.

Rehman Y [research affiliate], **Kirsch J**, **Wang MYF**, Ferguson H, Bingham J [student], Senger B [student], Swogger SE, Johnston R, **Snider KT**. [Impact of osteopathic manipulative techniques on the management of dizziness caused by neuro-otologic disorders: systematic review and meta-analysis](#). J Osteopath Med. 2023;123(2):91-101.

Rosander A, Andrade R [student], Concepcion J [student], Woodley L, Havron W, Elkbuli A. [Institutional response to the 2022 iodinated contrast shortage: a narrative review](#). Am J Emerg Med. 2023;64:62-66.

Sevcik K, Preston P [student], Aulner M, Noordewier B, Tolsma SS. [Complete genome sequences of cluster S mycobacteriophages Beelzebub, Raela, and RedRaider77](#). Microbiol Resour Announc. 2023;12(1):e0117322.

Stoecker WV, Smith CL [student], Connors E. [Part II: Missouri's fentanyl poisonings rise to record levels](#). Mo Med. 2023;120(1):10-14.

Swanson JL [student]. [Genicular nerve radiofrequency ablation: an option for knee osteoarthritis pain](#). JAAPA. 2023;36(3):32-36.

Tabassum H, Alrashed M, Malik A, Alanazi ST, Alenzi ND, Ali MN, AlJaser FS, Altoum GH, Hijazy SM, Alfadhli RA, Alrashoudi R, **Akhtar S**. [A unique investigation of thallium, tellurium, osmium, and other heavy metals in recurrent pregnancy loss: a novel approach](#). Int J Gynecol Obstet. 2023;160(3):790-796.

Torres A, Ruiz L, Jepson L [student], Howell M, Carlson A, Stacey J, Hammonds K, Hofkamp MP. [Effect of the COVID-19 pandemic on racial disparities in neuraxial labor analgesia at a Texas level IV maternal care center](#). Proc (Bayl Univ Med Cent). 2023;36(1):30-33.

Vaccaro CJ [student], McGrath MG [student], **McFadden E**. [Breaking healthcare barriers for transgender individuals with rare tumor presentation](#). Cureus. 2023;15(1):e33791.

Zegarra-Parodi R [research affiliate], Baroni F, Lunghi C, Dupuis D. [Historical osteopathic principles and practices in contemporary care: an anthropological perspective to foster evidence-informed and culturally sensitive patient-centered care: a commentary](#). Healthcare (Basel). 2023;11(1):10.

## Presentations and abstracts

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**Allinson R, Batista GR, Omar H.** Curriculum integration through utilization of the “patient box.” Presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR.

Bonazelli E [alum], **Dishman L, Fick J.** What healthcare executive leadership competencies positively impact VBP organizational performance of US hospitals? Presented at: 2023 Annual Conference of the Michigan Academy of Science, Arts and Letters; March 17, 2023; Berrien Springs, MI.

Bonazelli E [alum], **Dishman L, Fick J.** What is the relationship between executive leadership competencies and value-based organizational performance of United States hospitals? Presented at: 15th Annual Forum on Advances in Healthcare Management Research; March 22, 2023; Chicago, IL.

DiSanti JS [alum], Black A, Butler LS, **Valovich McLeod TC.** Investigating associations between youth sport families’ sociodemographic characteristics, sport participation behaviors, and perceptions of youth sport specialization. Poster presented at: 10th Annual Meeting of the Pediatric Research in Sports Medicine Society; February 2-4, 2023; Denver, CO.

Doshi A, **Chang KJ,** Schapira C, **Chen C.** You can’t spell implants without plan: rethinking predoctoral implant education. Presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR.

**Duong ML, Perry MM, Gohlke E, Fallone K, Yineman S.** The alpha omega of a social-emotional tool in dental education. Poster presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR. Abstract published in: J Dent Educ. 2023;87(2):264-265.

Erdman A, Ulman S, Dyke J, Russomano J, Santana J, **Valovich McLeod TC,** Fetchen-DiCesaro S, McCaffrey K, Chung J, Hayden-Hebert K, Butler L, PRiSM Sport Specialization Research Interest Group. Parental perceptions of pointe readiness decision making in youth ballet dancers. Presented at: 10th Annual Meeting of the Pediatric Research in Sports Medicine Society; February 2-4, 2023; Denver, CO.

Garlick C [student], **Howell S.** Assessment of the Arizona School of Dentistry & Oral Health’s Advanced Care Clinic teledentistry program. Poster presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR. Abstract published in: J Dent Educ. 2023;87(2):209-210.

**Green V, Lovell K, Spolarich A.** Incorporating dental local anesthesia simulator software into the curriculum. Poster presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR. Abstract published in: J Dent Educ. 2023;87(2):247-248.

Liao P, **Mahrous A,** Sukotjo C, Surti B, Maseli V, Lakhani A. Dental educators’ synergy using AI: a path to future possibilities. Presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR.

**Lipke L.** Case-based EPA 7 instruction for osteopathic medical students: a quantifiable assessment of EBM instruction. Presented at: 7th Empirical Librarians Conference; March 9-10, 2023; Richmond, VA.

López-Cabrera IY [alum], **Dishman L, Fick J.** The perceived impact of electronic health record use on employee satisfaction in US medical practices. Presented at: 2023 Annual Conference of the Michigan Academy of Science, Arts and Letters; March 17, 2023; Berrien Springs, MI.

Moore H [adjunct], **Dishman L, Fick J.** Why medical practices lose high performers: a qualitative analysis of medical practice perspectives on employee attrition. Presented at: 2023 Annual Conference of the Michigan Academy of Science, Arts and Letters; March 17, 2023; Berrien Springs, MI.

## Presentations and abstracts, continued

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**Muller R, Zarrouh A, Danylyk S** [student]. Student doctor translators: innovative approach to bridging the language divide. Presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR.

Murza SD [student], Danylyk S [student], **Muller R**. Development of a chairside multilingual oral health literacy assessment tool. Poster presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR. Abstract published in: J Dent Educ. 2023;87(2):213-214.

**Omar H, Bilal S, Ping NCL**. Translating evidence based tobacco cessation practice from classroom to chairside. Presented at: 2023 American Dental Education Association Annual Session; March 11-14, 2023; Portland, OR.

**Patel S, Spolarich A, Perry M**. Prescription-strength fluoride use in patients undergoing head and neck cancer therapy and caries incidence. Poster presented at: Mayo Clinic Multidisciplinary Head and Neck Cancer Symposium 2023; February 23-25, 2023; Phoenix, AZ.

Phan D [student], Fine P [student], Mudhar P [student], Roman D [student], Stanley P [student], Vega T [student], **Palmer E, Skinner K**. Exploring bone conduction practices with various head coverings: a survey. Poster presented at: Arizona Speech-Language-Hearing Association 2023 Annual Convention; March 31-April 1, 2023; Tempe, AZ.

Prieto E, Duarte S, **Barragan B**, Simon-Cerejido G, Mendez L, Mixon A [student], Perez-Luna B. Inhibition and switching advantage in proficient bilinguals. Poster presented at: California Speech-Language Hearing Association Convergence 2023; March 30-April 2, 2023; Anaheim, CA.

**Roehling T, Kays P**, Gleason KL [alum], Link L [alum], **Bordenave L**. Patterns of physical therapy screening for urinary incontinence in Arizona. Poster presented at: American Physical Therapy Association Combined Sections Meeting; February 23-25, 2023; San Diego, CA. Abstract published in: J Womens Pelvic Health Phys Therap. 2023;47(1):55.

**Shlossman M, Spolarich AE**. Efficacy of CloSYS sensitive toothpaste and rinse on gingival bleeding. Presented at: 2023 American Association for Dental, Oral, and Craniofacial Research/Canadian Association for Dental Research Annual Meeting; March 15-18, 2023; Portland, OR.

Smith R [student], **Dishman L, Fick J**, Thomas K [adjunct]. Investigating the perceived effects of surgeons' burnout on surgical physician associates' wellness in United States hospitals during global health crises. Presented at: 2023 Annual Conference of the Michigan Academy of Science, Arts and Letters; March 17, 2023; Berrien Springs, MI.

Snyder S [alum], Obisesan O [adjunct]. Adoption of 3D printing technology in physical therapy education: a diffusion of innovations approach. Presented at: 2023 American Physical Therapy Association Combined Sections Meeting; February 23-25, 2023; San Diego, CA.

**Spolarich AE**. Managing patients with substance use disorders. Presented at: Arizona Allied Dental Health Educators Annual Symposium; February 24, 2023; Tempe, AZ.

**Spolarich AE**. Preventive health considerations for patients with disabilities. Presented at: 23rd Annual Carlos F. Salinas Dental Program for the Diagnosis and Treatment of Individuals with Special Health Care Needs; March 10, 2023; Charleston, SC.

Thrower JD [student]. Exploring the perceived impact of social determinants on health inequity of underserved adults in urban areas: a qualitative study. Presented at: 2023 Annual Conference of the Michigan Academy of Science, Arts and Letters; March 17, 2023; Berrien Springs, MI.



## Presentations and abstracts, continued

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Welch J [alum], Obisesan O [adjunct]. Investigating physical therapy students' perceived levels of self-confidence to apply sensory neuroscience concepts. Presented at: 2023 American Physical Therapy Association Combined Sections Meeting; February 23-25, 2023; San Diego, CA.

Zynda A, **Valovich McLeod TC**, Fazekas M, Grady M, Halstead M, Master CL, Miller S, Snedden T, Zaslow T, Wilson J, Howell DR. Symptom resolution following pediatric concussion in athletic training vs primary care sports medicine setting: findings from the Sport Concussion Outcomes in Pediatrics (SCOPE) study. Presented at: 10th Annual Meeting of the Pediatric Research in Sports Medicine Society; February 2-4, 2023; Denver, CO.

## Sorry we missed you last time

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Melchiorre M [alum], Merhavy Z. [Treating hepatitis C in addiction medicine and primary care through a telehealth model: a curriculum](#). HPHR. 2022;50.

Nambisan AK, Lama N, Phan T, Swinfard S, Lama B, Smith C [student], Rajeh A, Patel G, Hagerty J, Stoecker WV, Stanley RJ. [Deep learning-based dot and globule segmentation with pixel and blob-based metrics for evaluation](#). Intell Syst Appl. 2022;16:200126.

Nesvik J, Smith C [student], Cleaver J, **Cleaver D**, **Cleaver L**. [A hair loss pandemic: 19 cases of COVID-19 induced telogen effluvium](#). J Clin Images Med Case Rep. 2022;3(11):2152.

Smith T [student], Smith C [student]. [From courtroom to clinic: child advocacy in action](#). Mo Med. 2022;119(6):533-535.

Stoecker WV, Smith CL [student], Connors E. [Part I: Missouri's fentanyl poisonings rise to record levels](#). Mo Med. 2022;119(6):489-493.

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