



UT Health

San Antonio

School of
Health Professions

Publications by Department

Department of Communication Sciences and Disorders (proposed) Speech-Language Pathology Program

Papers Published in Peer Reviewed (Refereed) Journals

1. Norman R.S, Jaramillo, C., Amuan, M., Wells, M., Eapen, B., Pugh, M.J. (2018). Acquired stuttering in veterans of the wars in Iraq and Afghanistan: The role of traumatic brain injury, post-traumatic stress disorder and medications. *Military Medicine*, usy067, 1-9. doi: 10.1093/milmed/usy067
2. Turkstra, L. S., **Norman, R. S.**, Mutlu, B., & Duff, M. C. (2018). Impaired theory of mind in adults with traumatic brain injury: A replication and extension of findings. *Neuropsychologia*, 111, 117-122. <https://doi.org/10.1016/j.neuropsychologia.2018.01.016>

Abstracts Published in Peer Reviewed Journals

1. **Norman, R.**, Snedden, T., Turkstra, L. (2017) Communication problems reported by students with and without concussion. *Brain Injury*; 31(6-7): 1012-1012.
2. Snedden T., **Norman R.**, Turkstra L. (2017) Academic effects of concussion in undergraduate college students. *Brain Injury*; 31(6-7): 1011-1012.

Department of Emergency Health Sciences

Peer Reviewed Journal Articles

1. Convertino, V.A., Parquette, B.A., **Wampler, D.A.**, **Manifold, C.A.**, Lindstrom, D.A., Boland, L.L., Burkhart, N.T., Lurie, K.G., Lick, C.J., (2017). Use of intrathoracic pressure regulation therapy in breathing patients for the treatment of hypotension secondary to trauma. *Scandinavian Journal of Trauma Resuscitation and Emergency Medicine* 25(1), 105.
2. Elliot M Ross, Theodore T Redman, Julian G Mapp, Derek J Brown, Kaori Tanaka, Craig W **Cooley**, Chetan U **Kharod**, David A **Wampler**. (2018). Stop the bleed: the effect of hemorrhage control education on laypersons' willingness to respond during a traumatic medical emergency. *Prehospital and Disaster Medicine*, 33(2), 127-132.
3. Johnson, M.C., Alarhayem, A., Convertino, V., Carter, R. III, Kevin Chung, Stewart, R. Myers, J., Dent, D., Liao, L., Cestero, R., Nicholson, S., Muir, M., Schwacha, M., **Wampler, D.**, DeRosa, M., Eastridge, B. (2018). Compensatory reserve index: Performance of a novel monitoring technology to identify the bleeding trauma patient. *Shock*, 49(3), 295-300.
4. Johnson, M.C., Alarhayem, A., Convertino, V., Carter, R. III, Chung, K., Stewart, R., Myers, J., Dent, D., Liao, L., Cestero, R., Nicholson, S., Muir, M., Schwaca, M., **Wampler, D.**, DeRosa, M., and Eastridge, B.J. (2017). Comparison of compensatory reserve and arterial lactate as markers of shock and resuscitation. *Journal of Trauma and Acute Care Surgery*, 83(4), 603-608.
5. Newberry, R., Redman, T., Ross, E., Ely, R., Saidler, C., Arana, A., **Wampler, D.** (2018). No benefit in neurologic outcomes of survivors of out-of-hospital cardiac arrest with mechanical compression device. *Prehospital Emergency Care*, 22(3), 338-344.
6. Ross, M., Mapp, J.G., Redman, T.T., Brown, D.J., **Kharod, C.U.**, **Wampler, D.A.** (2017). The tourniquet gap: A pilot study of the intuitive placement of three tourniquet types by laypersons.

The Journal of Emergency Medicine, 57(3), 307-314.

7. Weiss, N., Ross, E., Cooley, C., **Polk, J.**, Velasquez, C., Harper, S., Walrath, B., Redman, T., Mapp, J., **Wampler, D.** (2018). Does experience matter? Paramedic cardiac resuscitation experience effect on out-of-hospital cardiac arrest outcomes *Prehospital Emergency Care*, 22(3), 332-337.

Published Abstracts

1. Howard, C., Allen, J., **Wampler, D.**, McAviney, H., Smith, J., **Miramontes, D.**, Polk, J. (2018). Association between BMI and return of spontaneous circulation in out-of-hospital cardiac arrest. *Prehospital Emergency Care*, 22(1), 132.
2. Howard, C., Allen, J., Smith, J., **Miramontes, D.**, Polk, J., **Wampler, D.** (2018). Association between initial blood glucose in out-of-hospital cardiac arrest and return of spontaneous circulation. *Prehospital Emergency Care*, 22(1), 125.
3. Ross, E., **Wampler D.A.**, Kester, A., Gutierrez, X., Perez, C., Reeves, L., Mora, A., Maddry, J., Manifold, C. (2018). Police department tactical medicine (TACMED) Program impact on trauma patient mortality: Review of a large urban EMS and TACMED system. *Prehospital Emergency Care*, 22(1), 116.
4. **Wampler, D.**, Stewart, R.M., Summers, R., Roakes, L., Shown, M., **Cooley, C.**, **Kharod, C.**, Long, T., Eastridge, B. (2018). Biometric analysis of thoracolumbar movement during ambulance transport. *Prehospital Emergency Care*, 22(1), 130.
5. **Wampler, D.**, Stewart, R.M., Summers, R., Roakes, L., **Cooley, C.**, Long, T., Eastridge, B. (2017). Biometric analysis of cervical movement during ambulance trauma transport. *Annals of Emergency Medicine*, 70(4), S112.
6. **Wampler, D.A.**, Bailey, S.R., Epley, E., Baker, C., Wait, D., **Cooley, C.**, Alvarez, J.A. (2017) Development of a regional STEMI management guideline significantly increases fibrinolytic therapy prior to emergent transfer for percutaneous intervention. *Circulation*, 136(Suppl 1), A1829.
7. Weiss, N., Ross, E., **Cooley, C.**, Polk, J., Velasquez, C., Harper, S., Walrath, B., Redman, T., Mapp, J., **Wampler, D.** (2017). Does experience matter? Paramedic code volume effect on out of hospital cardiac arrest outcomes. *Prehospital Emergency Care*, 22, 1-6.

Books and Chapters

1. D Wampler, CJ Winckler, L Villers, M Stringfellow, D Miramontes. Position Statement for the Management of Patients with Potential Spinal Injurie, 2018 EMS World
<https://www.emsworld.com/sites/default/files/2018-02/SAFD%20Spinal%20Motion%20restriction%20white%20paper%20.pdf>

Department of Health Sciences Division of Medical Laboratory Sciences

Papers Published in Peer Reviewed (Refereed) Journals

1. Lee GC, Frei CR, Wang Y, **Dallas SD**, Olsen RJ, Lawson K. Emerging Multidrug Resistance in Community-Associated Staphylococcus aureus involved in Skin and Soft Tissue Infections and Nasal Colonization Jac-2017-0014.R1; Journal of Antimicrobial Chemotherapy 2017 Sept;

72(9):2461-2468.

Abstracts Published in Peer Reviewed Journals

1. Kudolo, GB. Ginkgo biloba Extract and the PCOS Patient. Perspectives from the San Antonio Clinical Trials. J Clin Mol Endocrinol 2018, volume 3. DOI: 10.21767/2572-5432-C1-001

Other Publications (non-refereed journals, magazines, newsletters, proceedings)

1. Kudolo, G., Drug Tests and Child Protective Services. Proceedings of the Child Abuse & Neglect Workshop. 43rd Annual Advanced Family Law Course. Chapter 40. State Bar of Texas Continuing Legal Education Course No. 928002095. August 2017.

Department of Health Sciences Division of Respiratory Care

Papers Published in Peer Reviewed (Refereed) Journals

1. Anderson, M.M., & Garman, A.N. (2018). Preparing Future Healthcare Leaders through Graduate Education: The Impact of Program Accreditation on Quality Improvement. Journal of Allied Health, 47(2), 121-125.
2. Crowe, D., Garman, A.N., Li, C., Helton, J., Anderson, M.M., & Butler, P. (2017). Leadership Development Practices and Hospital Financial Outcomes. Health Services Management Research, 30(3), 140-147.
3. Fernandez L, Shaffer L, Amalakuhan B, Restrepo MI, Peters JI, and Restrepo RD. (2017). Effects of intrapulmonary percussive ventilation on airway mucus clearance: a bench model. World Journal of Critical Care Medicine. 6(3), 164-171.
4. Gonzalez NM, Wilches MR, Restrepo RD. (2017). Respiratory Therapy in Colombia: A Historical and Regulatory Perspective. Respiratory Care Education Annual. 26:18-23.

Abstracts Published in Peer Reviewed Journals

1. Alzahrani A, Molina C, Estrada J, Guzman L, Payen V, Restrepo RD. (2017). Albuterol: A Useful But Often Unnecessarily Ordered Bronchodilator. Respiratory Care, 62(10).
2. Barischoff, E., Forrette, T., Lamphere, T., Restrepo, R. (2018). Can electric impedance tomography guide a mechanical ventilation strategy? Critical Care Medicine, 46, 561J.
3. Bhasin P, Tran K, Sanchez J, Restrepo RD. (2017). Use of Standardized Patients in Respiratory Care: Preclinical Experience in a Master and Baccalaureate Degree Programs. Respiratory Care, 62(10).
4. Bhasin P, Tran J, Sanchez J, Restrepo RD. (2017). Do Students from an MSRC Program Apply the Skills to Become Advanced Practitioners Better Than Those Prepared in a BSRC Program? Results of a Preclinical Simulation Experience. Respiratory Care, 62(10).
5. Cuevas S, Heng K, Prakash P, Wang J, Restrepo RD. (2017) Are Oxygen Weaning Protocols Used Consistently? A Follow Up Study. Respiratory Care, 62(10).
6. Estrada, R., Wettstein, R., Restrepo, R., Reyes, L., Peters, J. (2017). Pilot study on healthy volunteers to investigate the implications of expiratory positive airway pressure applied via a full face mask on capnographic parameters and subject comfort level. CHEST, 152, A1091.
7. Restrepo, R., Rowley, D., Khusid, F., Neiman, G., Habashi, N., Couture, M., Garnero, A.,

Gentle, M. (2018). Can an in vivo hands-on learning experience on lung protective ventilation modify clinical practice? *Critical Care Medicine*, 46, 172.

8. Wiatrek S, Janes C, Alsharifi A, Rodriguez R, Restrepo RD. (2017). Incidence of Underinflation and Overinflation of Endotracheal Tube Cuffs in the PICU. *Respiratory Care*. 62(11), OF12.

Books and Chapters

1. Restrepo RD, Restrepo-Serrato DM. Inhaloterapia en Recien Nacidos. In: Cristancho W. Inhaloterapia. Manual Moderno. Bogota, Colombia; 2018.
2. Restrepo RD. Chapter 6: Neurologic Assessment In: Heuer AJ, Scanlan CL. Clinical Assessment in Respiratory Care. Saint Louis: Mosby; 2018. p. 99 -117.
3. Restrepo RD, Wettstein RB. Chapter 16: Cardiac Output Measurement In: Clinical Assessment in Respiratory Care. Saint Louis: Mosby; 2018. p. 353-364.
4. Restrepo RD. Vascular Pressure Monitoring In: Wilkin's Clinical Assessment in Respiratory Care. Saint Louis: Mosby; 2018. p. 331 -348.
5. Restrepo RD. Oxigenoterapia In: Hernandez A, Martin I, Restrepo M, Sabate A, Torres A. Medicina Intensiva en el Enfermo Critico. Ciudad de Mexico: Panamericana; 2018. p. 219 - 223.
6. Restrepo RD. Patient Ventilator Interaction and Lung Mechanics In: Villar SR, John AD. Critical Care. Madrid, Spain: Marban Libros; 2017. p. 239 - 246.
7. Wettstein RB and Scanlan: Chapter 8: Interpretation of Blood Gases. Wilkins' Clinical Assessment in Respiratory Care, 8 Ed. Elsevier, Inc. 2017

Department of Occupational Therapy

Papers Published in Peer Reviewed (Refereed) Journals

1. Brienza, D., Krishnan, S., Karg, P., Sowa, G., Allegretti, A.L. (2018). Predictors of pressure ulcer incidence following traumatic spinal cord injury: a secondary analysis of a prospective longitudinal study. *Spinal Cord*, 56(1), 28-34. doi: 10.1038/sc.2017.96.
2. Dantas, I., Leal, J., Hilger, L., **Allegretti, A.L.**, Mendes, F. (2018). Training healthy persons and individuals with Parkinson's disease to use Xbox Kinect games: A preliminary study. *International Journal of Therapy and Rehabilitation*, 25(6), 280-290. <https://doi.org/10.12968/ijtr.2018.25.6.280>
3. Mendes, P., Gradim, L., Silva, N., **Allegretti, A.L.**, Carrijo, D., Cruz, D. (2018). Pressure distribution analysis in three wheelchairs cushions of subjects with spinal cord injury. *Disability and Rehabilitation: Assistive Technology*. doi:10.1080/17483107.2018.1463399
4. White, C.L., Overbaugh, K.J., Pickering, C.E.Z., **Piernik-Yoder, B.**, James, D., Patel, D.I., . . . Cleveland, J. (2018). Advancing care for family caregivers of persons with dementia through caregiver and community partnerships, *Research Involvement and Engagement*, 4(1).

Abstracts Published in Peer Reviewed Journals

1. Allegretti A., Barnes, K. & Berndt, A. (2018). Ride-on toy car, an innovative and feasible method of mobility. *Journal of Allied Health*, 46(4), 289.
2. Clegg, A, Morse S, Quiroz L, Jackson CE, Jones K, Kittrell P, . . .Wettstein RB. Improving healthcare professionals' self-efficacy through an interprofessional continuing education program

about ALS. *Journal of Allied Health* 2018;46(4):289.

3. Grice, K., Bland, L., & Restrepo, R. Concept mapping as a teaching/learning tool in health professions education, *Journal of Allied Health* 2018;46(4):283-284.
4. Henzi, D. & Piernik-Yoder, B. (2018) Factors influencing career choice in occupational therapy. *Journal of Allied Health*, 46(4), 283-284.
5. Piernik-Yoder, B., & Clegg, A. (2018). Occupational therapy and Meals on Wheels: An academic community partnership to address home safety of homebound seniors. *Journal of Allied Health*, 46(4), 283-284.

Other Publications (non-refereed journals, magazines, newsletters, proceedings)

1. Grice, K. (2017). Current use of ultrasound – A survey of the TSHT membership – “News at Hand” - TSHT Newsletter, July 2017.

Department of Physical Therapy

Papers Published in Peer Reviewed (Refereed) Journals

1. Brewer W, Swanson B, & Ortiz A. The validity of Fitbits' active minutes as compared to a research grade accelerometer and self-reported measures. *BMJ Open Sport Exerc Med*. 2017;3:e000254. doi:10.1136/bmjsem-2017-000254.
2. Brewer W, Swanson BT, Roddey T, Adewale H, Ashmore C, Frerich J, Perrin C, Ortiz A. A pilot study to determine the effect of one physical therapy session on physical activity levels for individuals with chronic low back pain. *BMC Research Notes* 2017;10:691. doi.org/10.1186/s13104-017-3006-x.
3. Gibbs KA, Rohde RE, Sanders B, Acosta M, Wild DL. Staphylococcus and MRSA prevalence on laboratory plinths in physical therapist education programs: Are students at risk? *Journal of Physical Therapy Education* 2018;32(1):65-69.
4. Greathouse D, Ernst G, Halle JS, Shaffer SW. GEHS neurophysiological classification system for patients with neuropathy of the ulnar nerve at the elbow. *Army Med Dept J*. Oct 2017.
5. Grandhi R, Tavakoli S, Ortega C, Simmonds M. Pain, mind and movement: Influence of pain on cognition, mood, and motor function in patients following mild traumatic brain injury. Manuscript ID: brainsci-235783; October 2017.
6. Guy-Cherry, D., Alanazi, A., Miller, L., Staloch, D., Ortiz, A. Landing styles influences reactive strength index without increasing risk for injury. *Sports Med Int Open* 2018;2(2):E35–E40. . DOI: 10.1055/a-0608-4280.
7. Kabiri, L. S., Mitchell, K., Brewer, W., & Ortiz, A. How healthy is homeschool? An analysis of body composition and cardiovascular disease risk. *J Sch Health* 2017;88:132-138. doi: 10.1111/josh.12588.
8. Kabiri, L. S., Mitchell, K., Brewer, W., & Ortiz, A. Motor skill proficiency among homeschool children. *J Mot Learn Dev* 2017;5(2):336-345. April 10:1-16. doi.org/10.1123/jmld.2016-0085.
9. Kabiri, L. S., Mitchell, K., Brewer, W., & Ortiz, A. Muscular and cardiorespiratory fitness in homeschool versus public school children. *Pediatr Exerc Sci*. 2017;29(3):371-376. doi: 10.1123/pes.2017-0028.
10. Maziarz MP, Wang W, Ortiz A. Dietary and physical activity outcomes determine energy balance

- in U.S. adults aged 50-74. *J Aging Phys Act* 2017;Dec 28:1-31. doi: 10.1123/japa.2017-0304. [Epub ahead of print].
11. Mullick AA, Turpin NA, Hsu SC, Subramanian SK, Feldman AG, Levin MF. Referent control of the orientation of posture and movement in the gravitational field. *Exp Brain Res*. 2018 Feb;236(2):381-398. doi: 10.1007/s00221-017-5133-y. Epub 2017 Nov 21.
 12. Subramanian SK, Feldman AG, Levin MF. Spasticity may obscure motor learning in chronic stroke. *J Neurophysiol*. 2018 Jan 1;119(1):5-20. doi: 10.1152/jn.00362.2017. Epub 2017 September 13.
 13. Subramanian SK, Prasanna SS. Virtual reality and non-invasive brain stimulation. How effective is their combination for upper limb motor improvement? *International Conference on Virtual Rehabilitation*, June 20-22, Montreal, QC. IEEE Conference Publications, Piscataway, NJ, p. 1-8. DOI: 10.1109/ICVR.2017.8007539.
 14. Turner BJ, Liang Y, Simmonds MJ, Rodriguez N, Bobadilla R, Yin Z. Randomized trial of chronic pain self-management program in the community or clinic for low-income primary care patients. *J. Gen Intern Med*. 33(5):668-77. Published online Jan 2018 <https://doi.org/10.1007/s11606-017-4244-2> contains supplementary material. *subject of a capsule commentary Penney L, *J. Gen Inter Med* 33(5):746 Published online Feb 2018 DOI:10.1007/s11606-018-4370-5
 15. Turner BJ, Arismendez SV, Liang Y, Simmonds MJ, Pugh M. Functional outcomes of peer support for veterans on long-term opioids for chronic pain. *J Chronic Dis Manag* 2017;2(2):1016.

Abstracts Published in Peer Reviewed Journals

1. Alanazi A, Mitchell K, Roddey T, Ortiz A. Biomechanical evaluation of landing maneuvers in soccer players with anterior cruciate ligament reconstruction. *Med Sci Sports Exerc* 2018;50(5S).
2. Feldman AG, Mullick AA, Turpin NA, Hsu SC, Subramanian SK, Levin MF. Referent control of the orientation of posture and movement in the gravitational field. 2017 Abstract Viewer/Itinerary Planner. Washington, DC: Society for Neuroscience, November 2017. Program number: 496.03, Online.
3. Franklin C, Anatrella E, Bombaywala P, Satwinder K, Lucas E, Henderson R, Rangel Y, & Gottlieb H. Renal responses produced by the central microinjection of Salvinorin A and B in conscious rats. *FASEB J* 2018;32(1 Supp) 829.10.
4. Harris S, Gregory J, Ortiz A. Management of a patient with lateral elbow pain secondary to acute adverse neural irritation. *Med Sci Sports Exerc* 2018;50(5S).
5. McManus J, Patterson MA, Acosta D, DelloStritto R, & Ortiz A. Changes in leptin and ghrelin concentrations differ in magnitude at fasting, post-prandial, and post-exercise in female runners and inactive females. *Med Sci Sports Exerc* 2018;50(5S).
6. Ortiz A, Acosta D, Craig J, & Maziarz M. Association between leptin and measures of bone density and lean mass in long distance female runners. *Med Sci Sports Exerc* 2018;50(5S).
7. Ortiz A, Bickley C, Kliefoth M. The use of voluntary 3D technology and upper-class peer-mentoring to enhance anatomy performance of under-represented minority students in physical therapy. *FASEB J* 2018;32(1S).
8. Patterson MA, McManus J, Acosta D, DelloStritto R, & Ortiz A. Leptin and ghrelin levels predict resting metabolic rate and energy expenditure in collegiate female runners. *Med Sci Sports Exerc* 2018;50(5S).

9. Subramanian SK, Prasanna SS. Emerging evidence of the beneficial effects of virtual reality and non-invasive brain stimulation on upper limb motor improvement in stroke – A systematic review. *Neurorehabil Neural Repair* 2018;32(3):270.

Department of Physician Assistant Studies

Papers Published in Peer Reviewed (Refereed) Journals

1. Costello JT, Allen PB, Levesque R, A Comparison of Ventilation Rates Between a Standard Bag-Valve-Mask and a New Design in a Prehospital Setting During Training Simulations, *Jour of Spec Ops Med*, 2017;17(3): 59-63