

## **CO Campus – Faculty Publications**

*Sorted alphabetically by first author*

Danyelle Beltz, 2LT USA MS-4; J. Preston Van Buren DO ENS; Jeffrey Wake 2LT USA DO; Jared McLaughlin DO; **Anthony La Porta COL Ret. USA MD FAGS Professor of Surgery**; Robert W. Enzenauer, MD MPH MSS MBA2 BG (Retired); Christopher Calvano ,Maj USArmy MD PhD; Michelle G Pedler BSc ; Micaela Lamari BS. Exploring the Effect of Light Hue on a Medically Related Task. *Journal of Special Operations Medicine*. In Press

**Carter SD** (2018). Female Athlete Triad/Relative Energy Deficiency in Sport: A Perspective Interview with Professor Barbara Drinkwater. *International Journal of Sports Nutrition & Exercise Metabolism*. 28(4), 332-334.

**Dang AK**, Chaplin NL, Murtazina DL, Boehm U, Clay CM, Amberg GC (2018). Subplasmalemmal hydrogen peroxide triggers calcium influx in gonadotropes. *Journal of Biological Chemistry*, 293,16028-16042.

**Ferrill HP** (2017-English; 2019-German). "An osteopathic perspective in treating children with infections." *Lehrbuch Osteopathische Medizin*. Eds. Mayer J and Standen C. Elsevier.

**Ferrill HP** (2017-English; 2019-German). "Developmental disorders in children from an osteopathic perspective." *Lehrbuch Osteopathische Medizin*. Eds. Mayer J and Standen C. Elsevier.

Frenkel LD, **Gomez F**, and Sabahi F (2017). The pathogenesis of microcephaly resulting from congenital infections: why is my baby's head so small? *European Journal of Clinical Microbiology & Infectious Diseases*, 1-18.

George, Evalyn ,MD; Brand, Timothy, MD; **LaPorta, Anthony, MD**; Satava, Rick,MD: Origins of Robotic Surgery: From Skepticism to Standard of Care. JSLS, *Journal of the Society of Laparoendoscopic Surgeons*. In press

P. A. Herder, MBS1 ; M. Lu, BS1 ; **D. Ross, DO1** ; C. Calvano, MD, PhD2 ; R. Enzenauer, MD3 ; **A. LaPorta, MD** Comparison of a Novel Trainer to a Traditional Swine Model for Training Providers in Lateral Canthotomy and Cantholysis . Military Health Research Symposium (MHSRS) 2017, Orlando Florida Requested by J Trauma and Acute Care Medicine, Supplement MHSRS. In Press

Hoang, T; **LaPorta, AJ**; Wrenn, K; Lucero, A; Mullinax, R: **Ross, D**; Methods Of Team Training When All Members Of The Interdisciplinary Team Are Experts. Proceedings of the 7th International Clinical Skills Conference. Page 97, 2017 Prato IT

Alexis Horst, MA; Brian D Schwartz, PhD, MLIS; Jenifer A. Fisher, MLIS; Nicole Michels, PhD; Lon J Van Winkle, PhD. Reflection on team service-learning-related experiences fosters dissonance, introspection, bias mitigation, and professional behavior in prospective medical students.

Kirkpatrick; J. McKee; H. Tien; **A. LaPorta**; K. Lavell; T. Leslie; D. King; P. McBeth; S. Brien; D. Roberts; R. Franciose; J. Wong; V. McAlister; D. Bouchard; C. Ball: Damage Control Surgery in Weightlessness: A comparative Study of Simulated Torso Hemorrhage Control Comparing Terrestrial and Weightless Conditions. *Journal of Trauma and Acute Care Surgery*, February, 2017, Volume 82, issue 2, p 392-399

Andrew W Kirkpatrick CD MD MHSC FRCS FACS, Jessica Lynn McKee MSc, Homer Tien CD MD FRCS, **Anthony J LaPorta MD FACS**, Kit Lavell, Tim Leslie, Chad G. Ball MD MSC FRCS FACSABBREVIATED5Paul

B McBeth MD FRCSC, Derek J. Roberts MD PhD, closure for remote damage control laparotomy in extreme environments: a randomized trial of sutures versus wound clamps comparing terrestrial and weightless conditions. *American Journal of Surgery*, May 2017 Volume 213, issue 5, p862

**LaPorta, A. J** Kirkpatrick, A; Pierce, E; Hoang, T; Gaul, L; Franciose, R; McKee, J; Moloff, A; Skinner, A; McBeth, P. The Usefulness of Heart Rate Variability On Trauma Team Members in Weightlessness, Difficult Oceanic Conditions, and Mass Casualty training. Proceedings of the 7th International Clinical Skills Conference. Page 56, 2017 Prato IT

**LaPorta, A.J.;** Kirkpatrick, A; Hoang, T; Pierce, E; Bork, M; Liu, M; Herder, P: Training for Trauma in The Ultimate Austere Environments-High Sea States and Weightlessness. Proceedings of the 7th International Clinical Skills Conference. Page 80. Prato IT.

**LaPorta AJ, Ross, D.** Operating Room Crisis-Training Realistically for the Rare but Inevitable. Proceedings of the 7th International Clinical Skills Conference. Page 96, 2017 Prato IT.

**LaPorta, AJ;** Alson, R; Moloff, A; **Ross, D** Hoang, T; Franciose, R; Almazan, M; Marlin, J; Ferfgusson, B; Sureshi, P; Berber, G; Czekajlo, M. Biologic Objective Measurements of the Future. Proceedings of 7th International Clinical Skills Conference. Page 97, 2017 Prato IT

**LaPorta J,** McClure T, **Tieman ME** (2017). Results of a Surgical Simulation Course Designed to Improve Surgery Clerkship Performance. *Journal of Surgical Education*, 75(3): 656-663.

**LaPorta AJ;** McKee, J; Hoang, T; Mcbeth, P.; Gillman, L; Kirkpatrick, A: Stress Inoculation: Preparing Outside the Box in Surgical Resuscitation and Education. *Current Trauma, Current Trauma Rep* (2017) 3: 135. doi:10.1007/s40719-017-0090-2

**Anthony J LaPorta MD,FACS;** Ryan Shelton EMT-P; William Robinson Ensign US Navy: Mass Casualty Incident Follow Through-Point Of Injury To Recovery Room. American College of Surgeons Clinical Congress October 19-24, 2018, Boston Massachusetts. American College of Surgery Video

Lea MS, Slattery R, **LaPorta AJ, Tieman M,** Bowden R, **Stasio J,** Moloff A, Franciose R, Hoang T (In press). Rocky Vista University, College of Osteopathic Medicine Hyper-realistic Simulation Center, The First ACS-AEI Surgery Center in an Osteopathic Medical School. *Journal of Surgical Education*, 72(2):359-61.

Cameron Lindemann, MSIII; Holly Spitzer, MS III; **Anthony J LaPorta, MD, FACS;** Tuan Hoang, MD, FACS; Eric Pierce, MS, NSWC PCD; Reginald Franciose, MD, FACS; Matthew Pena, MD, FASA; Nita Shattuck, PhD, NPS; Cameron Bass, PhD; Michael Juliano, MD. Feasibility of Surgical Intervention Aboard Non-Traditional U.S. Navy Vessels. (abstract) *Journal of the American College of surgeons*, Oct.2018.

McKee,J.; Lakshminarasimhan,P.; Atkinson,I.: **LaPorta,A.J.:** Evaluation of Skin Damage from Accidental Removal of a Hemostatic Wound Clamp (The iTClamp),Published online: 24 August 2017: *Pre-hospital and Disaster Medicine*. Volume 32, issue 6. December 2017, pp.651-65

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**Moffett EA** (2017). Dimorphism in the size and shape of the birth canal across anthropoid primates. *Anatomical Record*.

Pedler, M BsSc; Ruiz, F. BA Lamari, M; Hutchinson, C. DO; Noyes, B.DO; Petrash, M. PhD; Calvano ,C.MD. PhD; **A. LaPorta, MD**; Enzenauer, R.MD: Red-Green Versus Blue Tactical Light. A Direct, Objective Comparison. *Journal of Special Operations Medicine*, Winter 2017

Eric Pierce, Nita Shattuck, Cameron Bass, Tuan Hoang, **Anthony LaPorta**, Reginald Franciose, Matthew, Michael Juliano: EFFECT OF HIGH DECK ACCELERATIONS ON SURGICAL TASKS PHASE III Naval Surface Warfare Center -Panama City Division PANAMA CITY, FLORIDA 32407-7001 PID 1290/BUMED Number NSWPC.2016.0001 13 November 2017 Test Engineering Branch (E41), Human Systems Integration Team Technical Report

Eric Pierce, MS1; Renato Rapada2; Penelope Anne Herder3; **Anthony J. Laporta, MD4**; Tuan Hoang, MD5; Matthew Pena, MD6; Jeff Blankenship, MS7; Jeff Kiser8; Sarah Ashley Catlin, MS; Effect Of High Deck Accelerations On Surgical Tasks. *Journal of Special Operations Medicine* Volume 18 Ed 2, Summer 2018

Steven Prueitt MS3, **Anthony J LaPorta MD FACS**, Eric Pierce MS, Tuan Hoang MD, Matthew Pena MD FASA, Reginald Franciose MD FACS, Cameron Bass PhD, Michael Juliano MD. Effect of Sea State on Motion Sickness Incidence, and Task Load Index, while Performing Traumatic Damage Control Resuscitation and Surgery. (Abstract) Military Health Systems Research Symposium (MHSRS). *Military Medicine* supplement 2018 in press

Lt. Steven Prueitt MS3, USAF, Eric Pierce, MS, CAPT Tuan Hoang MC, USN, Reginald Franciose, MD, FACS, Mathew Pena MD, FASA, Nita L. Shattuck, PhD, Cameron Bass, PhD, ENS Susan Roberts MS2, USNR, **COL Anthony J. LaPorta MC, USA (Ret.)**. Assessing Critical Care Capabilities in the High Seas: The Effect of Sea State on Motion Sickness Incidence and Surgical Task Load Index. Military Health Systems Research Symposium (MHSRS). *Military Medicine*, MHSRS supplement 2018 in Press.

**Ramey KA**. Editor (anticipated release date of 2020). *Somatic Dysfunction in Osteopathic Family Medicine*, Third Edition. Philadelphia: Wolters Kluwer.

**Ramey KA**. Editor (anticipated release date of 2020). *Somatic Dysfunction in Osteopathic Family Medicine*, Third Edition. Philadelphia: Wolters Kluwer.

K. Riecken, MA, OMS-II; T. Hoang, MD, FACS; J.D. Malone MD; R. Franciose, MD, FACS; M. Taylor PhD; M. Dukovich PhD; L. Gaul MD: Hyper-realism Changes Training. Team Training with Objective Measures of the Team.. Abstract. *Journal Of the Society of Simulation in Health Care*. In press

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Holly Spitzer MS III, Cameron Lindemann MS III, Tuan Hoang MD, **Anthony J LaPorta MD FACS**, Eric Pierce MS, Hayden Springer MS III, Matthew Pena MD FASA, Reginald Franciose MD FACS, Cameron Bass PhD, Michael Juliano MD. Assessing Surgical Task Load: A Comparison of the Effect of Simulation Versus

Maritime Operation. Military Health Systems Research Symposium (MHSRS). Military Medicine, MHSRS supplement 2018 in Press.

**Philip F. Stahel.** Foreword. (2019). Operative Techniques and Recent Advances in Acute Care and Emergency Surgery, First Edition. Switzerland: Springer International Publishing.

**Stahel, PF** and Moore, EE (2019). "Modern Strategies for the Management of High-Energy Pelvic Fractures in the Twenty-First Century." Operative Techniques and Recent Advances in Acute Care and Emergency Surgery, First Edition. Switzerland: Springer International Publishing.

**Philip F. Stahel.** Letter to the Editor (May 2018). Surgeon Practice Patterns of Arthroscopic Partial Meniscectomy for Degenerative Disease in the United States: A Measures of Low-Value Care. *JAMA Surgery*. 153(5).

J. Preston Van Buren, DO1\*; Jeffrey Wake, DO2; Jared McLaughlin, DO3; **Anthony LaPorta, MD4**; Robert W. Enzenauer, MD, MPH, MSS, MBA5; Chris Calvano, MD, PhD Optimizing Tactical Medical PerformanceThe Effect of Light Hue on Vision Testing *Journal of Special Operations Medicine*. Volume 18, Edition 2, pages 75-78 ,Summer 2018

**Van Winkle LJ, Schwartz BD, and Michels NM** (2017). A Model to promote Public Health by adding Evidence-based, Empathy-enhancing Programs to All Undergraduate Healthcare Curricula. *Frontiers in Public Health*. 5:339.

**Van Winkle LJ** (2017). Uterine histone secretion likely fosters early embryo development so efforts to mitigate histone cytotoxicity should be cautious. *Frontiers in Cell & Developmental Biology*, 5:100.

**Van Winkle LJ** (2017). When is team exam performance a better measure of learning than individual performance? *Frontiers in Education*. 2:20.

**Van Winkle LJ, Schwartz BD, Horst A, Michels NM** (2018). An evidence-based model program to foster empathy, mitigate bias, and promote wellbeing through critical reflection on service-learning by public health/health administration and practitioner student teams. *Journal of Health Administration Education*. 35(4): 475-490.

**Van Winkle LJ, Ryznar R** (2018). Can uterine secretion of modified histones alter blastocyst implantation, embryo nutrition, and transgenerational phenotype? *Biomolecular Concepts*. 9: 176-183.

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## **Southern Utah – Faculty Publications**

*Sorted alphabetically by first author*

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**Gao J**, Li PC, Chen J, He W, Du LJ, Min R, O'Dell M (2017). Ultrasound strain imaging in assessment of biceps muscle stiffness and dynamic motion in healthy adults. *Ultrasound in Medicine and Biology*, 43:1729-1736

**Gao J**, Perlman A, Kalache S, Berman N, Seshan S, Salvatore S, et al (2017). Multiparametric quantitative ultrasound imaging in assessment of chronic kidney disease. *Journal of Ultrasound Medicine*, (Epub ahead of print)

**Gao J**, Zhu Q, Xia CX, Shin J, Shih G, Min R. (2018) Shear wave elastography to assess false vocal fold in healthy adults: A feasibility study. *J Ultrasound Med* 2018; 37: 2537-2544.

**Gao J**, Xia CJ, Zhu Q, Hamilton J, Min R. (2018) Ultrasound strain imaging in assessment of false vocal folds in adults: a feasibility study. *Clin Imaging* 2018; 51:292-299.

**Gao J**, Chen J, O'Dell M, Li PC, He W, Du LJ, Rubin JM, Weitzel W, Min R. (2018) Ultrasound strain imaging to assess the biceps brachii muscle in chronic poststroke spasticity. *J Ultrasound Med*. 2018; 37:2043-2052.

**Gao J**, He W, Du, LJ, Chen J, **Park D**, **Wells**, M, Fowlkes B, O'Dell M. (2018) Quantitative ultrasound imaging to assess biceps brachii muscle in chronic post-stroke spasticity: a Preliminary observation. *Ultrasound Med Biol* 2018;1931-1940.

**Gao, J.** Ultrasound Elastography to Assess Botulinum Toxin-A Treatment for Post stroke Spasticity: A Feasibility Study. *Ultrasound in Medicine & Biology* (2019 in press)

**Gao, Jing**; Memmott, Benjamin; Poulson, Benjamin; Harmon, Bryce; Hammond, Chris, Quantitative Ultrasound Imaging to Assess Skeletal Muscle in Adults with Multiple Sclerosis. *Journal of Ultrasound in Medicine* (2019, currently under revision)

**Jensen, C.** The Continuum Cleft. *Integrative Medicine*. (2019, currently under revision)

Mennitt K, Deol M, **Gao J** (2017). Emergency color Doppler sonography of the extremity artery: A pictorial essay. *Clinical Imaging*, 42:240-8

Mullen, Alexandra, Brendan Kim, Jose Puglisi, and **Nena Lundgreen Mason** (2018). "An economical strategy for early medical education in ultrasound." *IBMC medical education* 18, no. 1: 169.

Sandhu RS, Shin J, Wehrli NE, **Gao J.** (2018) Establishing normal values for shear-wave elastography of the renal cortex in healthy adults. *J Med Ultrasound* 2018; 26:81-84.

**Thornock BSO** (2017). Heralding the Pariahs: What the Narratives of Vaccine Hesitant Parents Can Teach Us about the Backfire Effect and Physician-Patient Relationships. *Ann Public Health Reports*, 1(1):15-21.

**Wilde, Benjamin, & David Park.** *Immunizations*. Primary Care: Clinics in Office Practice 46 (2019) pp. 53-68. [Article in Press: Corrected Proof]

