



Johnnie L. Gilpen, Jr. MHS MS, PA-C NRP

Mr. Gilpen has served on the board since 2016, and was the Board Secretary from 2016 through 2018. Mr. Gilpen is the President of Public Health Research and Education Associates, LLC, a Service-Connected Disabled Veteran Owned public health research and statistical analysis consulting company. Mr. Gilpen has a Masters of Health Science (MHS) and a Master's of Science (MS) degree in Epidemiology from the University of Oklahoma – Health Sciences Center, a Bachelors of Science in Microbiology (BSM), with minors in Chemistry and Zoology from the University of Oklahoma, and an Applied Associates Degree (AAS) in Emergency Medical Science. Mr. Gilpen is a Certified Physician Assistant (PA-C), Certified Geographic Information System Professional (GISP), a National Registered Paramedic (NRP), and Tactical EMT (EMT-T). Mr. Gilpen is currently a Team Health Emergency Medicine APC Fellow, a 2019 War Horse Journal Writing Fellow, a 2017 Pat Tillman Foundation (PTF) Tillman Scholar and completed a NIH Bioterrorism and Emerging Infectious Disease Training Fellowship. Mr. Gilpen served as a U.S. Navy Fleet Marine Force (FMF) Hospital Corpsman (8404) assigned to the 2nd Marine Division, Camp Lejeune, North Carolina.

Mr. Gilpen research specializes in injury surveillance in prehospital emergency and disaster environments, hyperbaric oxygen therapy (HBOT) for the treatment of traumatic brain injury (TBI) and Post Traumatic Syndrome (PTSD) in veterans, as well as the transmission dynamics of zoonotic foreign and transmissible animal diseases. His publications include:

- **Gilpen JL.** (2019). You have not seen the last of these Marines! *The War Horse Journal*; July 10th, 2019. (<https://thewarhorse.org/reflections-archives/you-have-not-seen-the-last-of-these-marines/>);
- **Gilpen, Johnnie L.** (2019). I am just a bill, stuck on Capitol Hill. *Journal of the American Academy of Physician Assistant's*. 32(3): 1-2.;
- Lansdale MQ, Stewart KE, **Gilpen JL**, & Wan Y. (2017). 2016 Oklahoma EMS Health and Wellness Survey. Protective Health Services, Oklahoma State Department of Health, Oklahoma City; (<https://www.ok.gov/health2/documents/EMS%20HealthandWellnessSurvey%202016.pdf>);
- **Gilpen JL**, Lansdale MQ, Wan Y, & Stewart KE. (2016). Spatial Analysis of Opioid Mortality and EMS Administration of Naloxone in Oklahoma. *Annual Review*, Protective Health Services, Oklahoma State Department of Health, Oklahoma City, OK; pp 190-198;
- **Gilpen, Johnnie L.**, Regens, James L, Burden, Ray W, & Carabin, Helene. (2009). Agricultural Emergencies in Pre-Harvest Livestock: Primer for Traditional and Non-Traditional First Responders. *Journal of Biosecurity and Biodefense: Biodefense Strategy, Practice, and Science*. 7(2): 187-198.
- Musselwhite, Chris L., Swift, Don, **Gilpen, Johnnie**, & McInerney, Michael. (2007). Spatial Variability of Sulfate Reduction in a Shallow Aquifer. *Environmental Microbiology*, 9(11): 2810-2819.
- **Gilpen, JL.** (2004). *Field Collection and Laboratory Testing of Adult Female Mosquitoes for the Presence of WNV in Oklahoma: 2002*. Thesis. University of Oklahoma, Department of Botany and Microbiology. 1-110
- Carabin, H, Perez, D, **Gilpen, JL**, Greenfield, RA. (2005). *Chapter 22: Animal Diseases as a Possible Consequence of Biological Attack*. Greenfield, RA and Bronze, MS. *Biodefense: Principles and Pathogens*; 737-791.

Mr. Gilpen currently serves as an infectious disease epidemiological/preparedness consultant and Chemical, Biological, Radiological, Nuclear, Explosives (CBRNE) subject matter expert for the

Department of Homeland Security 's Center for Domestic Preparedness and a nonresident emergency response instructor for the U.S. Department of State's Anti-Terrorism Assistance (ATA) Program. Mr. Gilpen has served as an Adjunct Professor of Science at Redlands Community College, El Reno, Oklahoma, Oklahoma City Community College, Oklahoma City, Oklahoma, Coastal Carolina Community College Jacksonville, NC; a Visiting Professor of Public Health at the International Program of the School of Medicine of the Universidad Autónoma de Guadalajara, Guadalajara, Jalisco, Mexico; and a tactical emergency medicine instructor of the Oklahoma Center for Prehospital and Disaster Medicine, OU - Tulsa College of Medicine, Department of Emergency Medicine, Tulsa, OK