

Recent Publications:

Journals:

Whelan, M.J., **Gangone, M.V.** (2015). "Effect of Measurement Uncertainties on Strain-based Damage Diagnostics for Highway Bridges," *Journal of Civil Structural Health Monitoring*, 5(3), pp. 321-335.

Gangone, M.V., Whelan, M.J., Janoyan, K.D., Minnetyan, L. (2014). "Development of performance assessment tools for a highway bridge resulting from controlled progressive damage monitoring," *Structure and Infrastructure Engineering: Maintenance, Management, Life-Cycle Design and Performance*, 10(5), pp. 551-567.

Gangone, M.V., Whelan, M.J., Janoyan, K.D., Minnetyan, L. (2012). "Experimental Characterization and Diagnostics of the Early-Age Behavior of a Semi-Integral Abutment FRP Deck Bridge," *Journal of Sensor Review*, 32(4), pp. 296-309.

Conference Proceedings:

Gangone, M.V., Whelan, M.J., Janoyan, K.D. (2015). "Effects of Sensor System Noise and Load Positioning on the Precision of Load Testing and Rating of Highway Bridges," 16th European Bridge Conference, Edinburgh, Scotland, UK, 23-25 June.

McGinnis, M.J., **Gangone, M.V.** (2015). "Core Drilling Method for Determining Stresses and Tendon Forces in Prestressed Concrete Bridges: A Comparison of 2D and 3D Digital Image Correlation Approaches," 16th European Bridge Conference, Edinburgh, Scotland, UK, 23-25 June.

Gangone, M.V. (2015). "A Case Study of the Effectiveness of a Hybrid Course in Engineering Education," ASEE-GSW, San Antonio, TX, March.

McGinnis, M.J., **Gangone, M.V.** (2015). "Adding Breadth to a Civil Engineering Structures Track – Perspectives of Students, Employers and Advisory Board Members" ASEE-GSW, San Antonio, TX, March.

Gangone, M.V. (2014). "Case Studies Illustrating the Effect of Weakened Load Transfer on Neutral Axis Measurements," 7th European Conference on Structural Health Monitoring, France, 8-14 July.

McGinnis, M.J., **Gangone, M.V.**, Weldon, B., Wosick, E. (2014). "Lateral Load Behaviour of Clay Masonry Façade with Advanced Wood Framing," 9th International Masonry Conference, Guimaraes, Portugal, 7-9 July.

Gangone, M.V., Whelan, M.J., Janoyan, K.D., Minnetyan, L. (2013). "A Complementary Approach to Condition Assessment of Highway Bridges Using a Quantitative Index Measure," 9th International Workshop on Structural Health Monitoring, Stanford, CA, 10-12, September.

Gangone, M.V., Whelan, M.J., Janoyan, K.D., Minnetyan, L. (2013). "The Importance of Load Positioning During Experimental Load Testing of Highway Bridges," 9th International Workshop on Structural Health Monitoring, Stanford, CA, 10-12, September.