

Memorandum of Understanding

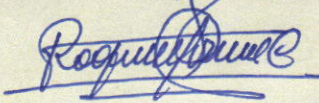
between

Universidad de las Fuerzas Armadas – ESPE hereby represented by its Chancellor, General of Brigade Roque Moreira and the University at Buffalo hereby represented by Andrew Whittaker, Ph.D. S.E., Chair, Department of Civil, Structural and Environmental Engineering (CSEE), and Director, MCEER:

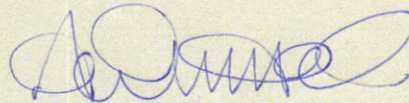
In the interest of international cooperation and mutual benefit, we hereby agree to:

- Share technical information about bridge and earthquake engineering and the design of resilient civil infrastructure
- Encourage dialogue between our faculties
- Look for opportunities to collaborate on research that can produce new knowledge and innovations in the area of structural engineering, geotechnical engineering, and transportation systems
- Create opportunities to enhance students' classroom learning experience by designing and possibly constructing actual infrastructure systems
- Provide input and advice on each others' academic and research programs
- Encourage faculty to deliver graduate courses on a compressed time schedule and as distance learning courses to increase availability to non-traditional students
- Inform students about the benefits of enrollment in post-graduate degree programs at each university
- Cooperate on the development of a long term plan for construction of a structural laboratory at ESPE
- Explore ways to increase the visibility of this partnership to foster academic growth at each university, bring in additional research funds, increase enrollment, increase publications, etc.

Signed this 19th day of June, 2014

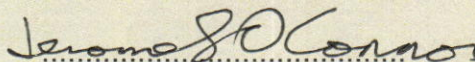


Roque Moreira
Chancellor
Universidad de las Fuerzas Armadas – ESPE



Andrew Whittaker
Chair, CSEE, University at Buffalo
Director, MCEER

Witness:



Jerome S. O'Connor
Executive Director, Institute of Bridge Engineering