

Fall 2012 Outstanding Graduate

Giovanni Federico

Civil Engineering and Engineering Mechanics



"Giovanni earned his MS in Civil Engineering (December 2008) at UA and continued with his PhD in Civil Engineering.

Giovanni's research is in earthquake engineering where he has developed new concepts using nonlinear finite element analysis and large-scale experimental research.

In this work, he developed new nonlinear material and geometric models using the software ANSYS to successfully develop special cast steel components to resist earthquakes.

Giovanni has two journal articles in print and two in preparation, and one conference proceeding paper.

On a personal note, Giovanni is a master beer brewer, rides a motorcycle, and a passionate fan of Inter Milan soccer."

Nominator: Robert Fleischman, Professor



CEEM Professor Achintya Haldar and Giovanni Federico.