

Andrew Bartolini, EIT

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EDUCATION

University of Notre Dame, Notre Dame, IN May 2013
B.S. in Civil Engineering | Concentration in Structural Engineering 3.848 GPA | magna cum laude
Passed Fundamentals of Engineering Exam (EIT), April 2013
University of Notre Dame, Notre Dame, IN May 2018 (*expected*)
PhD Candidate in Civil Engineering 4.0 GPA

RELEVANT EXPERIENCE

Research Assistant, University of Notre Dame 8/2013 – Present
Teaching Assistant, University of Notre Dame 5/2013 – Present
Writer, Engineering Mechanics Institute (EMI) 9/2013 – 8/2014
Teaching and Resident Assistant, Johns Hopkins Center For Talented Youth 7/2013 – 8/2013
President, Notre Dame Chapter of the American Society of Civil Engineers 4/2012 – 4/2013
Summer Intern, Odeh Engineers, Inc 5/2012 – 8/2014
Assistant Construction Manager, Shawmut Design and Construction 7/2008 – 8/2008

RESEARCH INTERESTS

- Structural Health Monitoring of Tall Buildings
- Crowd-Sourcing
- Natural Hazard Risk Assessment

DISTINCTIONS, HONORS AND AWARDS

Dondanville Family Graduate Award, University of Notre Dame 05/2014
for excellence in teaching by a graduate student
The Reverend Thomas A. Steiner Award, University of Notre Dame 04/2013
to outstanding students displaying all-around excellence
The Kenneth R. Lauer Award, University of Notre Dame 05/2013
to a civil engineering student for leadership, integrity and service
American Society of Civil Engineers (ASCE) Activity Award, University of Notre Dame 05/2013
for services to the ASCE chapter
1st Place, 2012 ASCE Great Lakes Regional Conference Technical Paper 04/2012

PROFESSIONAL MEMBERSHIPS & SERVICE

Member, Indiana Gamma Section of Tau Beta Pi | *national engineering honor society* 11/2011
Member, Notre Dame Chapter of Chi Epsilon | *national civil engineering honor society* 04/2012
Student Member, American Society of Civil Engineers
Student Member, Earthquake Engineering Research Institute

PUBLICATIONS

1. **Bartolini, A.**, Williams, S. and Kijewski-Correa, T. (2015) “Modernizing Khan’s System Hierarchy for Tall Buildings: A Data-Driven Approach to System Characterization,” *Proceedings of ASCE Structures Congress 2015*, April 23-25, Oregon, USA.
2. **Bartolini, A.**, Kijewski-Correa, T., Smith, N., Taflanidis, A., Kennedy, A., Kareem, A., Wu, T., Liu, C., Krusche, M. and Vardeman II, C. (2015) “CyberEye: An Integrated Cyber-Infrastructure to Support Rapid Risk Assessment,” *Proceedings of 14th International Conference on Wind Engineering*, June 21-26, Porto Alegre, Brazil, In Preparation.

3. **Bartolini, A.**, Kijewski-Correa, T., Smith, N., Taflanidis, A., Kennedy, A., Kareem, A., Wu, T., Liu, C., Krusche, M. and Vardeman II, C. (2015) “CyberEye: An Integrated Cyber-Infrastructure to Support Data Intake and Discovery,” *Proceedings of 14th International Conference on Wind Engineering*, June 21-26, Porto Alegre, Brazil, In Preparation.
4. **Bartolini, A.**, Scarpato, D., Sikorski, N., Mall, B., Kijewski-Correa, T., Madey, G. and Hachen, D. (2015). “Crowd-Sourcing Photo-Classification from Post-Disaster Reconnaissance: New Frameworks to Enable Urgent Human Computing,” *Natural Hazards Review*, In Preparation.

SKILLS

Technical: Word, Excel, PowerPoint, AutoCAD, AutoDesk Revit, SAP 2000, Bluebeam, Adobe in Design, MATLAB, C/C++, Drain-2DX